



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 | |
| 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 |
|----------|---------------------------|---|--------------|
| A | Kampot PIU | | |
| 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 | Preah Sihanouk PIU | | |
| 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

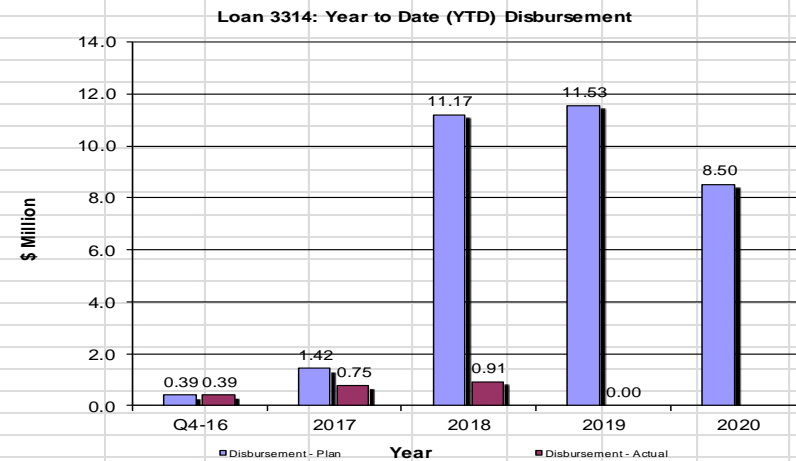
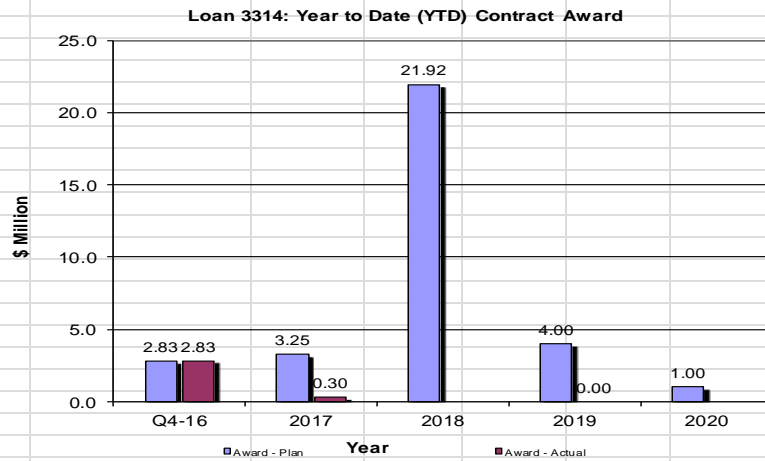
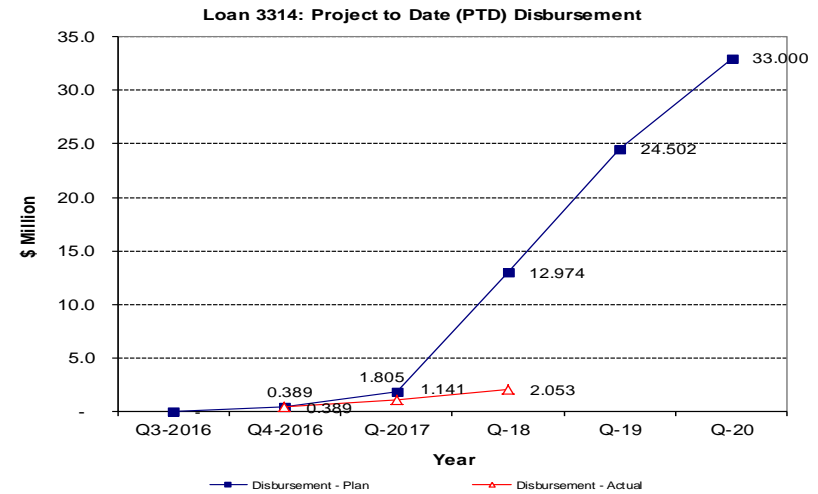
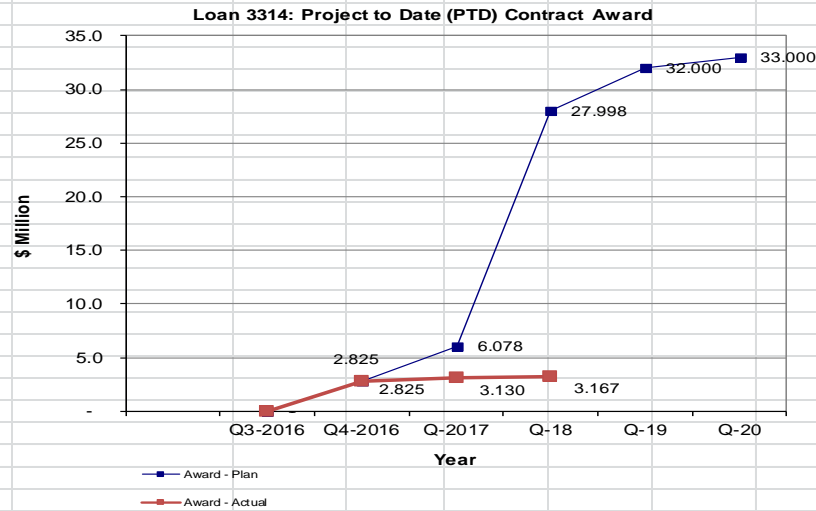
| Project Implementation Schedule (Review of July 2018) | | | | | | | | | | | | | | | | | | | |
|---|---|----------|----------|----------|-------------|-----|-----|-------------|-------|-----|-------------|------|-----|-------------|-----|-----|-------------|-----|-----|
| Key Milestones | Project Component | 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 |
| | PISCB Consulting | | | | | | | | | | | | | | | | | | |
| | A. Kampot – All Subproject Components | | | | | | | | | | | | | | | | | | |
| | Contract CW01 - Wastewater Collection & Treatment and Urban Drainage (ICB) | | | | | | | | | | | | | | | | | | |
| | 1A. Detailed Engineering Design | | | | | | | | | | | | | | | | | | |
| | 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 | | | 04/05/18 | | | | | | | | | | | | | | | |
| | ADB Review, Revisions & Issue of No-Objection | 98 | 06/05/18 | 12/08/18 | | | | | | | | | | | | | | | |
| | Approval of Bid Invitation, Avertising, Bidders EOI, etc | 17 | 13/08/18 | 30/08/18 | | | | | | | | | | | | | | | |
| | 1A.2. Bidding and Award | | | | | | | | | | | | | | | | | | |
| | Issue & Return Bidding Documents | 43 | 31/08/18 | 13/10/18 | | | | | | | | | | | | | | | |
| | Assist in Responding to Bidder's Queries | 43 | 31/08/18 | 13/10/18 | | | | | | | | | | | | | | | |
| | Bid Opening | | | 14/10/18 | | | | | | | | | | | | | | | |
| | Preparation of Bid Evaluation Report & Submit to ADB | 61 | 15/10/18 | 15/12/18 | | | | | | | | | | | | | | | |
| | Assist in Evaluation of Bids | 61 | 15/10/18 | 15/12/18 | | | | | | | | | | | | | | | |
| | ADB Review & Issue of No-Objection | 18 | 16/12/18 | 03/01/19 | | | | | | | | | | | | | | | |
| | Notification of Contract Award | 21 | 04/01/19 | 25/01/19 | | | | | | | | | | | | | | | |
| | 1B.3. Construction and Implementation | 730 | 25/01/19 | 24/01/21 | | | | | | | | | | | | | | | |
| | Contract CW2 - Solid Waste Management - (NCB) | | | | | | | | | | | | | | | | | | |
| | ON HOLD | | | | | | | | | | | | | | | | | | |
| | B. Sihanoukville – All Subproject Components | | | | | | | | | | | | | | | | | | |
| | Contract CW3 - Drainage - (ICB) | | | | | | | | | | | | | | | | | | |
| | 3.1. Detailed Engineering Design | | | | | | | | | | | | | | | | | | |
| | 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 | | | 04/05/18 | | | | | | | | | | | | | | | |
| | ADB Review, Revisions & Issue of No-Objection | 96 | 06/05/18 | 10/08/18 | | | | | | | | | | | | | | | |
| | Approval of Bid Invitation, Avertising, Bidders EOI, etc | 17 | 11/08/18 | 28/08/18 | | | | | | | | | | | | | | | |
| | 3.2. Bidding and Award | | | | | | | | | | | | | | | | | | |
| | Issue & Return Bidding Documents | 43 | 29/08/18 | 11/10/18 | | | | | | | | | | | | | | | |
| | Assist in Responding to Bidder's Queries | 43 | 29/08/18 | 11/10/18 | | | | | | | | | | | | | | | |
| | Bid Opening | | | 12/10/18 | | | | | | | | | | | | | | | |
| | Preparation of Bid Evaluation Report & Submit to ADB | 61 | 13/10/18 | 13/12/18 | | | | | | | | | | | | | | | |
| | Assist in Evaluation of Bids | 61 | 13/10/18 | 13/12/18 | | | | | | | | | | | | | | | |
| | ADB Review & Issue of No-Objection | 18 | 14/12/18 | 01/01/19 | | | | | | | | | | | | | | | |
| | Notification of Contract Award | 21 | 02/01/19 | 23/01/19 | | | | | | | | | | | | | | | |
| | 3.3. Construction and Implementation | 550 | 23/01/19 | 26/07/20 | | | | | | | | | | | | | | | |
| | Contract CW4 - Solid Waste Management - (NCB) | | | | | | | | | | | | | | | | | | |
| | ON HOLD | | | | | | | | | | | | | | | | | | |
| | Note: | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |



| Project Component | Dates | | | 2019 | | | | 2020 | | | | 2021 | | | |
|---|--------------------------------------|------------|------------|------|---|---|---|------|---|---|---|------|---|---|---|
| | Duration | Start | Complete | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | Key Milestones | | | | | | | | | | | | | | |
| PISCB Consulting | | | | | | | | | | | | | | | |
| A. Kampot – All Subproject Components | | | | | | | | | | | | | | | |
| Contract CW01 - Wastewater Collection & Treatment and Urban Drainage (ICB) | | | | | | | | | | | | | | | |
| 1A.2. Bidding and Award | | 04/05/2018 | 25/01/2019 | | | | | | | | | | | | |
| 1A.3. Construction and Implementation | 730 | 25/01/2019 | 24/01/2021 | | | | | | | | | | | | |
| Contract CW2 - Solid Waste Management - (NCB) | | | | | | | | | | | | | | | |
| 4. Restoration of Dumpsite | | | | | | | | | | | | | | | |
| ON HOLD | | | | | | | | | | | | | | | |
| B. Sihanoukville – All Subproject Components | | | | | | | | | | | | | | | |
| Contract CW3 - Drainage - (ICB) | | | | | | | | | | | | | | | |
| 3.2. Bidding and Award | | 04/05/2018 | 23/01/2019 | | | | | | | | | | | | |
| 3.3. Construction and Implementation | 550 | 23/01/2019 | 26/07/2020 | | | | | | | | | | | | |
| Contract CW4 - Solid Waste Management - (NCB) | | | | | | | | | | | | | | | |
| ON HOLD | | | | | | | | | | | | | | | |
| 4.2. Bidding and Award | | | | | | | | | | | | | | | |
| 4.3. Construction and Implementation | | | | | | | | | | | | | | | |
| 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 adjustment scope) | Cost Estimation in Million US\$ |
| Subprojects in Kampot Town | | | | 14.56 | | 20.40 | | 15.47? | | 11.60^(*) |
| | | | | | | | | | <i>Bill No.1</i> | 1.44 |
| 1. | Urban Drainage Subproject: Primary Storm Water Drains | km | 7.83 | 1.81 | 9.41 | 2.10 | 10.83 | 3.11 | 7.73 | 1.33 |
| 2. | <u>Wastewater Collection and Treatment</u> | | | | | | | | | |
| | WWTP (3,300 m ³ /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. | Solid Waste Subproject: Managed Landfill and closure existing dump site | ha | 17.2 | 3.01 | 17.2 | 3.60 | N/A | N/A | N/A | N/A |
| Subprojects in Sihanoukville Town | | | | 12.58 | | 23.38 | | | | 11.75^(**) |
| 1. | Urban Drainage Subproject: Primary Storm Water Drains | km | 64.1 | 9.68 | 56,34 | 16.50 | 64.1 | 18.78 | 38.05 | 11.75 |
| 2. | Solid Waste Subproject: 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

(**) Only one subproject “Urban Drainage” in Sihanoukville Town

Three subprojects “Urban Drainage” , “Wastewater Collection and Treatment” in Kampot Town, and “Urban Drainage” in Sihanoukville Town have been sent to PMU in late of April for bidding preparation.



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 |
| Total | 11,051,410.25 |
| Contingency 5% | 552,570.51 |
| GRAND TOTAL | 11,603,980.76 |

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 |
| Total | 9,169,782.33 |
| Contingency 10% | 916,978.23 |
| GRAND TOTAL | 10,086,760.56 |



APPENDIX 5
PROCUREMENT PLAN
Civil Works Contracts Estimated to Cost \$1 Million or More

| Package Number ⁵ | General Description | Estimated Value | Procurement Method | Review [Prior/Post] | Bidding Procedure | Advertisement Date (quarter/year) | Comments ⁷ |
|-----------------------------|---|-----------------|--------------------|---------------------|-------------------|-----------------------------------|--|
| <u>Kampot</u> | | | | | | | |
| 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 |
| <u>Sihanoukville</u> | | | | | | | |
| 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)

| Goods and Works | | | | | | | | |
|-----------------------------|---|-----------------|---------------------|--------------------|---------------------|-------------------|-----------------------------------|--|
| Package Number ⁵ | General Description | Estimated Value | Number of Contracts | Procurement Method | Review [Prior/Post] | Bidding Procedure | Advertisement Date (quarter/year) | Comments ⁷ |
| 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 |
| CW5 | Office Repair Kampot PIU | 0.014 | 1 | Shopping | Post | | 1/2017 | Shopping without advertising per SOP; Awarding in 1/2017 |
| CW06 | Office Repair Sihanoukville PIU | 0.008 | 1 | Shopping | Post | | 1/2017 | Shopping without advertising per SOP; Awarding in 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 6 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: 30 September 2018 Prepared by: Chris Dunn; Consultant Team Leader
[Quarterly] [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. |
| 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: 30 September 2018 Prepared by: Chris Dunn; Consultant Team Leader
[Quarterly] [PMU/PIUs]

| Risk for Outcome | | | Rating (HS,S,PS,U) | Assessment of Current Status |
|------------------|--|-----------------|--------------------|---|
| Risks: | | Mitigated (Y/N) | Rating (HS,S,PS,U) | Assessment of 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 7 DMF TARGETS VS ACHIEVEMENTS

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

M&E Form no. 8A

Reporting Date: 30 September 2018 [Quarterly]

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

| Indicators (with Baseline and Performance Targets) | Baseline | Achievements/Status (as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance |
|---|-------------------------------------|--|--|
| Output 1: The SLEDPs developed | | | |
| 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 | |
| Output 2: Priority urban infrastructure investments implemented | | | |
| 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) <i>[Updates from CS Consultant and from infrastructure operator during operation from Q3 2018 to Q4 2021 onward]</i> | Nil, as construction starts Q3 2018 | Regular implementation in contract document | Assessment to start from commencement of construction in Q3 2018 up to Q4 2021. 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) <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) <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. |



| Indicators (with Baseline and Performance Targets) | Baseline | Achievements/Status (as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance |
|--|---|--|---|
| 2.4 2,700 new connections in Kampot for wastewater provided with free connection costs (2015 baseline: 0) <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 WWTP in Q4 2020 onwards. |
| 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) <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i> | Nil | | Assessment to start upon completion of construction of storm water drains in Q4 2020. |
| 2.6 In Kampot, a new managed landfill is made operational (2015 baseline: N/A). <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i> | Nil | | Assessment to start upon completion of construction of landfill in Q4 2020. |
| 2.7 In Sihanoukville, the existing dump site is upgraded with improved operations (2015 baseline: N/A). <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020]</i> | Nil | | Assessment to start upon completion of construction of landfill in Q4 2020. |
| 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) <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i> | 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. |
| 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) <i>[Updates from TIC, from Q3 2017 to Q1 2020]</i> | waste pickers(2015 baseline: 160 persons) and alternative livelihood skills training (2015 baseline: 0) | | Training Need Assessment (TNA) was conducted in SHV and KP (Apr and May 2017) Finalize draft of Capacity Building and Training Program Framework Q1 2018 |
| Output 3: Institutional capacities for managing public investments strengthened | | | |



| Indicators (with Baseline and Performance Targets) | Baseline | Achievements/Status (as of end of reporting period) | Assessment of Current Progress/ Status & Reason for any Negative Variance |
|---|-----------------|---|--|
| improved wastewater collection and treatment facilities in Kampot <i>[Updates from CS Consultant upon completion of infrastructure in Q4 2020, and from infrastructure operator during operation from Q1 2021 onward]</i> | | | completion of construction of drainages in Q4 2020 onwards. |
| 2. 8,100 households serviced by improved solid-waste collection in the two towns <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 <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 8 PROJECT IMPLEMENTATION AND PERFORMANCE M&E FRAMEWORK MATRIX

Project Implementation M&E Framework Matrix

| Activities <i>(Col. 1)</i> | Data Sources/ Means of Verification <i>(Col. 2)</i> | Data Collection Method/Forms <i>(Col. 3)</i> | Timing & Frequency of Data Collection <i>(Col. 4)</i> | Responsible Person/Agency for Data Collection <i>(Col. 5)</i> |
|--|--|---|---|--|
| Output 1: The SLEDPs developed | | | | |
| 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) |
| Output 2: Priority urban infrastructure investments implemented | | | | |
| 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 (Apr - Nov 2017) | PMU supported by PISCB |
| 2.2 Complete land acquisition and resettlement by Q4 2016 | PISCB Resettlement Specialist progress reports 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 (Jan - Jun 2018) | 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 | Jun 2018 | PMU supported by Procurement Specialist |
| 2.5 Complete civil works by Q4 2020 | PISCB Construction Supervision (CS) Team progress reports On-site verification | Updates from CS Team using M&E form nos. 2A and 2B. | Monthly (Jul 2018 - Dec 2020) | PMU supported by PISCB |
| 2.6 Conduct environmental safeguards monitoring and reporting by Q1 2016–Q4 2020 | Environmental Safeguards Monitoring Team (ESMT) reports. 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. On-site verification | Updates from SSMT | Monthly (Jul 2018 - Dec 2020) | PMU supported by SSMT |
| Output 3: Institutional capacities for managing public investments strengthened | | | | |
| 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 | Q2 2017 | 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 2017 – Sep 2019) | PMU / PIU supported by PISCB CBTS |
| Output 4: Community awareness on project activities and environmental sustainability improved | | | | |
| 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 2017 - Sept 2019) | PMU / PIU supported by CDS |



Project Performance M&E Framework Matrix

| Indicators (with Baseline and Performance Targets) (Col. 1) | Data Sources/ Means of Verification (Col. 2) | Data Collection Method/Forms (Col. 3) | Timing & Frequency of Data Collection (Col. 4) | Responsible Person/Agency for Data Collection (Col. 5) |
|---|--|--|---|---|
| Output 1: The SLEDPs developed | | | | |
| 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) |
| Output 2: Priority urban infrastructure investments implemented | | | | |
| 2.a. At least 30% of unskilled laborers employed in subproject construction are women. | Contractors' / PISCB Construction Supervision (CS) Team's progress reports On-site verification | Updates from CS Team using M&E form nos. 4B and 8A. | Monthly (Jul 2018 - Dec 2020) | PMU / PIU supported by PISCB. GAP requirements included in Contract Documents |
| At least 30% of staff employed in operation and maintenance are women. | Infrastructure Operator's reports Local authorities' statistical data | Updates from Infrastructure Operator using | Quarterly (Q1 2021 onward) | PMU/PIU supported by Infrastructure Operator |
| 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 On-site verification | Updates from CS Team using M&E form nos. 4B and 8A. | Monthly (Jul 2018 - Dec 2020) | 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 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 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 (with Baseline and Performance Targets) (Col. 1) | Data Sources/ Means of Verification (Col. 2) | Data Collection Method/Forms (Col. 3) | Timing & Frequency of Data Collection (Col. 4) | Responsible Person/Agency for Data Collection (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 |
| Output 3: Institutional capacities for managing public investments strengthened | | | | |
| 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 |
| Output 4: Community awareness on project activities and environmental sustainability improved | | | | |
| 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 |
| Outcome: Improved urban services in the two participating | | | | |
| 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

| Indicators (with Baseline and Performance Targets) <i>(Col. 1)</i> | Data Sources/ Means of Verification <i>(Col. 2)</i> | Data Collection Method/Forms <i>(Col. 3)</i> | Timing & Frequency of Data Collection <i>(Col. 4)</i> | Responsible Person/Agency for Data Collection <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 9

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 Sihanouk Ville



| GENDER ACTION PLAN (GAP Activities, Indicators, and Targets, Timeframe, and responsibility) | Progress to Date (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) | Issues and Challenges (Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for the delay, etc.) |
|--|--|--|
| Output 1: Strategic Local Economic Development Strategies SLEDPs) | | |
| 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>ACTION 1: In-progress</p> <p>Responsibility: Social and Gender Specialist Steering Committees</p> <p>Timeline:2017</p> | <ul style="list-style-type: none"> - 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. - 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. | |
| Output 2: Priority urban infrastructure investments implemented | | |
| 2.1 GAP Component 2. Urban and environmental infrastructure in both towns implemented (Sihanouk Ville and Kampot) | | |
| 1. Number of residents and businesses | - Construction has not yet commenced. | |



| | | |
|---|--|--|
| <p>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>Target 1. Not yet Due</p> <p>Responsibility: PMU/PIUs Time: 2020</p> | | |
| <p>2. Reduced flooding risks provided for 3,820 HHs/ 17,178 people /app.8,760 women (2015 baseline: 0)</p> <p>Target 2: Not yet due.</p> <p>Responsibility: PMU/PIUs Time: 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>Target 3: Not yet due.</p> <p>Responsibility: PMU/PIUs Time: 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>Target 4: Not yet due.</p> | <p>- Construction has not yet commenced.</p> | |



| | | |
|---|--|--|
| <p>Responsibility: PMU/PIUs Time: 2020</p> | | |
| <p>2.2 Solid waste management in both towns strengthened</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>Target 5: Not yet due.</p> <p>Responsibility: PMU/PIUs Time: 2020</p> | <p>- Construction has not yet commenced.</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>Target 6: Not yet due.</p> <p>Responsibility: PMU/PIUs supported by PISCB/CBTS Time: 4th quarter 2018</p> | <p>- 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.</p> | |
| <p>Output 3. Institutional Capacities for managing public investments strengthened</p> | | |
| <p>3.1 GAP Component 3: Targets for female representation in sector /decision-making/training</p> | | |
| <p>1. PIUs target recruitment of 30% female staff, including 20% in decision-making positions.</p> | <p>- Baselining activity for the staffing of the PMU/PIUs has not been undertaken during this reporting period.</p> | |



| | | |
|--|---|--|
| <p>Target 7: Not yet due.</p> <p>Responsibility: PMU/PIUs supported by PISCB/CBTS Time: 2017 up to 2020</p> | <p>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.</p> | |
| <p>3.2 GAP Component 3: Capacity building of women and gender sensitivity training/vocational training for the poor</p> | | |
| <p>1. At least 20 persons (30% female) trained in key project management areas.</p> <p>Target 8: Partially Achieved/in Progress</p> <p>Responsibility: PMU/PIUs supported by PISCB/CBTS Time: 4th quarter 2018 (complete key training by 4th quarter 2018)</p> | <ul style="list-style-type: none"> - 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. - A meeting will be scheduled with the National Training Coordinator to discuss above GAP documentation requirements. | |
| <p>2. At least 100 persons (50% female) provided gender sensitization training for community leaders, government officers, and consultants involved in project implementation and delivery</p> <p>Target 9: Partially Achieved</p> <p>Responsibility: PMU/PIUs supported by PISCB/CBTS Time: 4th quarter 2018 (complete key training by 4th quarter 2018)</p> | <ul style="list-style-type: none"> - Developed the activity design for the 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 | |



| | | |
|--|---|--|
| | <p>roles in gender mainstreaming in the project including GAP implementation.</p> <ul style="list-style-type: none"> - 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 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</p> | <p>The livelihood concept design has been prepared and the gender team planned to meet with the DoWA to explore and</p> | |



| | | |
|--|--|---|
| <p>development, for at least 20 poor young women in Kampot, and 20 waste pickers for waste pickers at a dumpsite in Sihanoukville.</p> <p>Target 10: Not yet due.</p> <p>Responsibility: PMU/PIUs/DoWA supported by PISCB/CBTS</p> <p>Time: 4rth quarter 2018</p> | <p>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>3.3 GAP Component 3: 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>ACTION 2: Partly achieved. (this is a continuing activity)</p> | <ul style="list-style-type: none"> - 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. - Mr. Vong Dara was appointed PMU Gender Focal person, concurrently PMU responsible for urban planning - Mr. Seth Kosal was appointed PIU Gender Focal Point, concurrently | <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> |



| | | |
|---|--|--|
| <p>Responsibility: PMU supported by PISCB Time: 2017-up project completion</p> | <p>responsible for technical, DPWT of Kampot. - Mr. Nhem Sidoeun was appointed Gender Focal Point, concurrently Social and Environment, DPWT of Sihanoukville.</p> | |
| <p>3.4 GAP Component 3: Employment Creation</p> | | |
| <p>1. 30% of unskilled laborers employed in sub-project construction are women. Target 11: Not yet due. Responsibility: PMU/PIUs supported by PISCB Time: 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. 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&M are women. Target 12: Not yet due. Responsibility: PMU/PIUs supported by PISCB Time: July 2018-December 2020)</p> | <p>It was also discussed during the GAP orientation meeting the contractor/ PIUs will hire women in O& M activities and that as a GAP target, 30 % of staff employed in O& M are women. The PIUs were also informed a monitoring form was developed to document the number of men and women hired during O & M activities.</p> | |



| | | |
|---|--|--|
| <p>3. 75% of all unskilled laborers are of local origin.</p> <p>Target 13: Not yet due.</p> <p>Responsibility: PMU/PIUs supported by PISCB Time: 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 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.</p> | |
| <p>3.5 GAP Component 3: Gender Monitoring</p> | | |
| <p>1. PPMIS will include sex-disaggregated data and gender-sensitive monitoring indicators</p> <p>ACTION 3: completed (inclusion of sex-disaggregated data in PPMIS) but monitoring will continue</p> <p>Responsibility: 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&M phase on a quarterly and semi-annual basis.</p> | |
| <p>Output 4: Community Awareness on project activities and environmental sustainability improved</p> | | |
| <p>4.1 GAP Component 4: Community awareness and information dissemination campaigns strengthen maximizes people’s benefits from provided urban infrastructure</p> | | |
| <p>1. PDWA and DoWA (and other selected</p> | <p>The concept design for the community</p> | |



| | | |
|---|--|--|
| <p>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>Target 14: Not yet due.</p> <p>Responsibility: PMU/PIUs supported by PISCB Time: July 2018-December 2020)</p> | <p>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 participation in cleaning and improving hygiene in the city and cleaning the city daily "Your action to make the city clean"</p> <p>ACTION 4: Partially achieved /on track</p> <p>Responsibility: PMU/PIUs supported by PISCB/Gender Specialists Timeline: 3rd quarter of 2018 and up to 2020</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 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</p> | |



| | | |
|--|--|--|
| | <p>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 10
STATUS OF COMPLIANCE WITH LOAN COVENANTS

| No. | Covenant | Reference in LA | Status of Compliance |
|-----|---|---------------------|----------------------|
| 1. | <p>Implementation Arrangements</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>Environment</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>Land Acquisition and Involuntary Resettlement</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>Indigenous Peoples</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>Human and Financial Resources to Implement Safeguards</p> | | |



| No. | Covenant | Reference in LA | Status of Compliance |
|-----|---|---------------------|----------------------|
| | <p>Requirements</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>Safeguards – Related Provisions in Bidding Documents and Works Contracts</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"> (a) comply with the measures relevant to the contractor set forth in the IEEs, the EMPs and the RPs (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (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; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and (e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction. | Schedule 5, Para. 7 | Ongoing |
| 8. | <p>Safeguards Monitoring and Reporting</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"> (a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; (b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs and the RPs, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and (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. | Schedule 5, Para. 8 | Not yet due |
| 9. | <p>Prohibited List of Investments</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>Gender and Development</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>Governance and Anticorruption</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 http://www.adb.org/site/integrity/complaint-form 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>Grievance Redress Mechanism</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>Sector Development and Counterpart Support</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

| No. | Covenant | Reference in LA | Status of Compliance |
|------------|---|----------------------------|---------------------------------|
| | 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 11
RISK ASSESMENT AND RISK MANAGEMENT PLAN (RARMP)**

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



| No. | Risk/Issue | Assessment without Mitigation | Action to Mitigated Risk | Responsibility | Target/Monitoring | Status as at (December 2016) | Supporting Evidence |
|--|---|-------------------------------|--|--|--|--|--|
| | | | <p>Recruitment of a well-experienced procurement officer and website officer in 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/IAs</p> <p>EA, MEF and ADB</p> <p>EA/IAs</p> | <p>Throughout Project duration</p> <p>Throughout Project duration</p> | <p>Procurement Specialist contracted in Aug 2014 by PISCD and in June 2016 by PMU. 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>Copies of contracts with 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. |
| Element 2: Financial Management | | | | | | | |
| 2.a | Weak internal controls | High | EA/IAs to follow the financial management procedures specified in: (i) the Project Financing Agreement; (ii) the government's | EA/IAs; MEF to ensure compliance with | Throughout Project duration | Specified fin'l. management procedures | Quarterly Report and PMU reports to MEF and ADB. |



| No. | Risk/Issue | Assessment without Mitigation | Action to Mitigated Risk | Responsibility | Target/Monitoring | Status as at (December 2016) | Supporting Evidence |
|-------------------------------|---|-------------------------------|--|--|--|---|---|
| | | | SOP and FMM. | SOP/ FMM, Loan Agreement and ADB's Anticorruption Policy | | followed since 31 Dec 2015 and ongoing. | |
| 2.b | Weak financial management capacity | High | EA/IAs to receive continued hands-on training from consultants recruited under the project. The SOP/FMM will be used under the project, as well as relevant provisions of the Loan Agreement and ADB's guidelines on procurement and consulting services. Project to closely monitor and review financial management conduct and make necessary improvements as required. | EA and IAs and ADB EA and IAs | Throughout Project duration, conducted as a part of capacity building activities in the project | Hands-on-training ongoing. CapDev training scheduled. Monitoring & review since Dec 2015 and ongoing | CapDev Plan and training modules. Supported by Financial Management Specialist |
| 2.c | Minimize cash transactions | High | Project to make all progress payments to contractors, suppliers and consultants – firms, individuals, national and international – by check or transfer to bank accounts, and retain evidence for audit and donor supervision missions. | MEF, EA and IAs | Throughout Project duration | Payments by check or bank transfer complied and ongoing. | Project Financial Statements |
| 2.d | Delayed or non-existent reconciliation of advances for operating costs and expenses | High | Project to reconcile advances for operating expenses to staff or field offices within one week of the end of each month. No further advances to be paid until previous advance reconciled and cleared against documentary evidence. | EA and IAs | Throughout Project duration Project director to monitor and ADB to verify during review missions. | Reconciliation of advances complied and ongoing. | Project Financial Statements |
| Element 3 : Disclosure | | | | | | | |
| 3.a | Possible conflict of interest among Project staff | Extremely High | Project staff to disclose private and public affiliations or personal interest before becoming involved in any project-related transaction, such as contract award. EA to | EA/IAs to ensure all Project staff sign the disclosures | Throughout Project duration Project director to ensure all project | | |



| No. | Risk/Issue | Assessment without Mitigation | Action to Mitigated Risk | Responsibility | Target/Monitoring | Status as at (December 2016) | Supporting Evidence |
|---|--|-------------------------------|--|---|------------------------------|---|---|
| | | | prepare a declaration statement for staff's signature. | | staff signs the disclosures. | | |
| 3.b | Inadequate transparency and disclosure | High | Project to agree information to be disclosed on the project and EA/IA websites biannually, with hard copies available for public inspection on request. At a minimum, the Project will disclose the information required by the Loan Agreement. | EA and ADB to agree the final list. Project director to arrange disclosure | Throughout Project duration. | Development of project website to be completed in February 2017. Information will then be uploaded to the website. | Project website. |
| Element 4: Complaints and Remedies Mechanism | | | | | | | |
| 4.a | Inadequate complaints and remedies mechanisms | | Project to build well-defined complaints and remedies mechanism into project documents. Complaints procedures regarding procurement to follow process set out in Loan Agreement and SOP/PM. Following established publication of evaluation and awards, debriefing mechanism is also necessary not only to enhance transparency but also for the losing bidders to know their weak points. | EA/IAs EA and IAs in consultation with ADB | At effectiveness | To be complied with. PMU provides all bidders with copies of the evaluation and awards through email. | - Copies of emails from PMU |
| Element 5: Code of Ethical Conduct | | | | | | | |
| 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. Similarly, all members of the procurement committee undertaking the evaluation shall sign the Declaration on Ethical Conduct. | EA and IAs | Throughout Project duration | The Department of Human Resources provides copies of Code of Conducts for Civil Servants to Ministry personnel upon employment. | Signed receipts available with the Department of Human Resources. |



| No. | Risk/Issue | Assessment without Mitigation | Action to Mitigated Risk | Responsibility | Target/Monitoring | Status as at (December 2016) | Supporting Evidence |
|---|---|-------------------------------|---|--|--|--|--|
| Element 6: Sanctions | | | | | | | |
| 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 | | |
| Element 7: Project Specific Elements | | | | | | | |
| 7.a | Poor enforcement of contract terms and need to conduct contractors' performance evaluation | | EA to ensure that contract terms are strictly enforced and the loan consultant will be a party to ensuring quality control of contract outputs, include acceptance of completion of works and services. | EA and IAs | Throughout Project duration | Contract terms for previous DED Consultant enforced, with the assistance of PISCD. | Evaluation of DED Consultant's output. |
| 7.b | Poor quality of design and works construction | | EA and IAs to ensure that approved infrastructure's design standards and specification developed by the respective agencies are utilized for the design of structures under the project. 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 Contract signed immediately after effectiveness | DED to be carried out by PISCD and CS Consultants. DED to be carried out by PISCD and CS Consultants. | DED reports and bid documents. V.O. no. 6 to PISCD contract, and CS contract. |
| 7.c | Risk of low quality construction and | | Project to recruit experienced site supervision consultants to assist EA/IAs.. | EA and IAs, and with ADB NOL | Prior to award of first works contract. | Construction Supervision | CS contract document. |



| No. | Risk/Issue | Assessment without Mitigation | Action to Mitigated Risk | Responsibility | Target/Monitoring | Status as at (December 2016) | Supporting Evidence |
|-----|-------------|-------------------------------|---|---|---|---|---------------------|
| | supervision | | <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</p> <p>EA and IAs, and with ADB NOL</p> | <p>Throughout Project duration.</p> <p>Annually</p> | <p>Consultant recruited</p> <p>To be complied during construction.</p> <p>To be complied during construction.</p> | <p>-</p> <p>-</p> |