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June 21, 2017

Closing Date: Friday, June 23, 2017 at 6:00 p.m.

FROM: Vice President and Corporate Secretary

Bangladesh - Chittagong Water Supply Improvement and Sanitation Project Additional Financing

Project Paper

Corrigendum

(This cover replaces the earlier version (IDA/R2017-0214/1 due to an incorrect AOB date)

Attached is the Project Paper regarding a proposed additional credit to Bangladesh for the Chittagong Water Supply Improvement and Sanitation Project (IDA/R2017-0214), which is being processed on an absence-of-objection basis.

Distribution:

Executive Directors and Alternates
President
Bank Group Senior Management
Vice Presidents, Bank, IFC and MIGA
Directors and Department Heads, Bank, IFC and MIGA

OFFICIAL USE ONLY IDA/R2017-0214/1



June 12, 2017

Closing Date: Thursday, June 29, 2017 at 6:00 p.m.

FROM: Vice President and Corporate Secretary

Bangladesh - Chittagong Water Supply Improvement and Sanitation Project

Additional Financing

Project Paper

Attached is the Project Paper regarding a proposed additional credit to Bangladesh for the Chittagong Water Supply Improvement and Sanitation Project (IDA/R2017-0214), which is being processed on an absence-of-objection basis.

Distribution:

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Directors and Department Heads, Bank, IFC and MIGA

Document of The World Bank

FOR OFFICIAL USE ONLY

Report No: PAD2415

INTERNATIONAL DEVELOPMENT ASSOCIATION

PROJECT PAPER

ON A

PROPOSED ADDITIONAL CREDIT

IN THE AMOUNT OF SDR34.70 MILLION (US\$47.49 MILLION EQUIVALENT)

AND PROJECT RESTRUCTURING

TO THE

PEOPLE'S REPUBLIC OF BANGLADESH

FOR A

CHITTAGONG WATER SUPPLY IMPROVEMENT AND SANITATION PROJECT

June 2, 2017

Water Global Practice South Asia

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CURRENCY EQUIVALENTS

(Exchange Rate Effective April 30, 2017)

Currency Unit = Taka Taka 78.38. = US\$1 US\$ 1.37102000 = SDR 1

FISCAL YEAR July 1 – June 30

ABBREVIATIONS AND ACRONYMS

AC Asbestos Cement AF Additional Financing

ARP Abbreviated Resettlement Plan

BCR Benefit Cost Ratio
BDT Bangladesh Taka
BPS Booster Pump Station

CAG Comptroller and Auditor General
CCC Chittagong City Corporation
CDA Chittagong Development Authority

CWASA Chittagong Water Supply and Sewerage Authority

CWSISP Chittagong Water Supply Improvement and Sanitation Project

EA Environmental Assessment

EA Economic Analysis

EIA Environmental Impact Assessment
EMF Environmental Management Framework
EMP Environmental Management Plan

GoB Government of Bangladesh
GRS Grievance Redress System

IDA International Development Association

IRR Internal Rate of Return

ISR Implementation Status and Results
IUFR Interim Unaudited Financial Report
JICA Japan International Cooperation Agency

LGD Local Government Division
LIC Low-Income Community
M&E Monitoring and Evaluation
MDG Millennium Development Goals

MLD Million Liters per Day

MLGRD&C Ministry of Local Government, Rural Development & Cooperatives

MLY Million Liters per Year

MoD Maintenance and Operations Division

MS Moderately Satisfactory
MTR Mid-Term Review

NGO Non-Governmental Organization

NPV Net Present Value NRW Non-Revenue Water

OP/BP Operational Policy/ Bank Procedures

O&M Operations and Maintenance
PAD Project Appraisal Document
PDO Project Development Objective
PMU Project Management Unit

PRMP Procurement Risk Mitigation Plan

RAP Resettlement Action Plan

RPF Resettlement Policy Framework

SCM Suggestions and Complaints Mechanism

SDG Sustainable Development Goal

SDR Special Drawing Rights

SORT Systematic Operations Risk Rating Tool

TA Technical Assistance USD/US\$ United States Dollar

WASA Water Supply and Sewerage Authority

WASH Water, Sanitation and Hygiene

WB World Bank

WSS Water Supply and Sanitation WTP Water Treatment Plant

Vice President: Annette Dixon
Country Director: Qimiao Fan
Senior Global Practice Director: Guang Zhe Che
Practice Manager/Manager: Meike van Ginneken

Task Team Leader: Soma Ghosh Moulik, Arif Ahamed

Bangladesh Additional Financing to Chittagong Water Supply Improvement and Sanitation Project

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ADDITIONAL FINANCING DATA SHEET

Bangladesh

Additional Financing to Chittagong Water Supply Improvement and Sanitation Project (P161566)

SOUTH ASIA

GWA06

| | | | Basi | ic I | nform | ation – | P | arent | | | | | | |
|------------------------|-------------------|-----------|-----------------------|-------|---------|---------------|------|-------------------------|------------------|-------|-----------|-------------|-------------------|----|
| Parent Pr | oject ID: | P10 | 3999 | | | Origina | 1 E | A Category: | В- | Part | tial A | Asse | ssment | |
| Current C | Closing Date | : 31-I | Dec-2018 | | | | | | | | | | | |
| | | Bas | sic Informa | tio | n – Ac | dditiona | al I | Financing (| (AF) | | | | | |
| Project II |): | P16 | 1566 | | | | | l Financing n AUS): | Co | st O | t Overrun | | | |
| Regional | Vice Presid | ent: Ann | ette Dixon | | | Propose | ed I | EA Category | : B- | Parti | al A | ssess | sment | |
| Country I | Director: | Qim | niao Fan | | | Expecte Date: | ed I | Effectiveness | s 29- | -Sep- | -201 | 7 | | |
| Senior Gl Director: | obal Practic | e Gua | ng Zhe Che | n | | Expecte | ed (| Closing Date | : 31- | -Mar | -202 | 20 | | |
| Practice Manager/ | Manager: | Mei | ke van Ginn | ekeı | n | Report 1 | No | D: PA | | .D24 | 15 | | | |
| Team Lea | ader(s): | | na Ghosh Mo Ahamed | oulil | Κ, | | | | | | | | | |
| | | | | | Bor | rower | | | | | | | | |
| Organizat | tion Name | (| Contact | | Ti | tle | | Telephone | | Ema | ail | | | |
| People's Banglade | Republic of sh | | Kazi Shofiqı Azam | ıl | Se | cretary | | +880-2-911374 | 43 | secre | etary | @erd | .gov.bd | |
| Project Key Date | | Data - I | | | | | | r Supply In Million) | nprove | emei | nt a | nd S | Sanitatio | n |
| Project | Ln/Cr/TF | Status | Approval Date | | Signin | ng Date | | ffectiveness | Origin Closin | | | Rev Clos | ised sing Date | ; |
| P103999 | IDA-47340 | Effective | 23-Jun-2010 |) | 26-Jul- | -2010 | 27 | 7-Oct-2010 | 31-Dec | c-201 | 5 | 31-Г | Dec-2018 | |
| P103999 | TF-58153 | Closed | 02-Sep-200 | 7 | 02-Sep | - 2007 | 02 | 2-Sep-2007 | 18-Nov | v-200 | 8 | 18-N | Jov-2009 | |
| Disburser | nents | | | | | | | | | | | | | |
| Project | Ln/Cr/TF | Status | Currency | Or | iginal | Revised | 1 | Cancelled | Disbur | rsed | Un bur | dis sed | % Disburse | ed |

| P103999 | IDA-47340 | Effective | USD | 170.00 | 155.52 | 14.48 | 92.00 | 50.73 | 59.16 |
|--------------------|--------------|------------------------------|--------------|-----------------------------------|----------------------------|------------|-------|---------|----------|
| P103999 | TF-58153 | Closed | USD | 0.80 | | 0.80 | 0.00 | 0.00 | |
| | | | | 1 3 3 3 | | | | 1 3133 | |
| Projec | t Financin | U | | | ing to Chit P161566) (1 | 0 0 | 1.1 | ly Impi | rovement |
| [] L | oan [] | Grant | [] | IDA Gr | ant | | | | |
| [X] C | redit [] | Guara | ntee [] | Other | | | | | |
| Total Pro | ject Cost: | 83.0 | 5 | _ | Total Bank | Financing: | 47.49 | | |
| Financing | g Gap: | 0.00 | | | | | | | |
| Financ | ing Source | – Additio | nal Financ | eing (AF) | | | | | Amount |
| BORROV | WER/RECII | PIENT | | | | | | | 35.56 |
| Internatio | nal Develop | oment Ass | ociation (II | DA) | | | | | 47.49 |
| Total | | | | | | | | | 83.05 |
| | | | | | | | | • | |
| Policy W | aivers | | | | | | | | |
| Does the respects? | project depa | art from th | e CAS in co | ontent or i | n other signi | ficant | | No | |
| Explanati | on | | | | | | | | |
| | | | | | | | | | |
| Does the | project requ | ire any po | licy waiver | (s)? | | | | No | |
| Explanati | on | | | | | | | | |
| | | | | Team C | omposition | 1 | | | |
| Bank Sta | ff | | | | | | | | |
| Name | | Role | | Title | | Specializa | ation | Unit | |
| Soma Gh | osh Moulik | Team I (ADM Respon | | Lead Wa Sanitatio | ter and n Specialist | | | GWA | 06 |
| Arif Ahai | med | Team I | Leader | Senior W and Sani Specialis | | | | GWA | 06 |
| Ishtiak Si | ddique | Procure Special Respon | list (ADM | Senior Pr Specialis | rocurement t | | | GGO | 06 |
| Arvind Pi | rasad Manth | Financ Manag Special | ement | Financial Manager Specialis | nent | | | GGO2 | 24 |
| Abdul Mo | otaleb | Team I | Member | Consulta | nt | | | GWA | 06 |
| Abu Ahm Kabir | ed Mansoo | r Team I | Member | Program | Assistant | | | SACB | BD |

| Md Istiak Sobha | an | Safeguards Specialist | | Environmental Specialist | | | | | GEN06 |
|--------------------------|----------------------------|--------------------------|--------|---|----------|------|------------|-------|-------------------|
| Sabah Moyeen | | Safeguards Specialist | | Senior Social Development Specialist | | | | | GSU06 |
| Shyamal Sarkar | Shyamal Sarkar Team Member | | | Consultant | | | | | GSU12 |
| George Joseph | | Team Mem | ber | Senior Economist | | | | | GWAGP |
| Joseph Ravi Ku Xavier | mar | Team Mem | ber | Senior Institutional Development Specialist | | | | | GWA06 |
| Teen Kari Barua | a | Safeguards Specialist | | Consultant | | | | | GSU06 |
| Zakia B. Chumi | nun | Team Mem | ber | Program Assistant | Opera | atic | ons | | GWA06 |
| Extended Tean | 1 | | | | | | | | |
| Name | | | Title | | | L | ocation | | |
| | | | | | | | | | |
| Locations | | | | | <u> </u> | | | | |
| Country | First A Divisi | Administrat on | ive L | ocation | Plann | ed | Actual | Co | omments |
| Bangladesh | Chitta | gong | С | hittagong | | | | | |
| | | | | | | | | | |
| | | | | Institutional Data | | | | | |
| Parent (BD Ch | nittagor | ng Water Su | pply I | mprovement and Sa | nitatio | ı P | roject-P1 | 0399 | 99) |
| Practice Area (| Lead) | | | | | | | | |
| Water | | | | | | | | | |
| Contributing P | ractice | Areas | | | | | | | |
| | | | | | | | | | |
| Additional Fina | ancing | to Chittagor | ıg Wa | ter Supply Improver | nent an | ıd S | Sanitation | n Pro | oject (P161566) |
| Practice Area (| Lead) | | | | | | | | |
| Water | | | | | | | | | |
| Contributing P | ractice | Areas | | | | | | | |
| | | | | | | | | | |
| C | onsulta | ants (Will b | e disc | closed in the Month | nly Op | era | tional S | umr | nary) |
| No new consulta | ants are | to be hired | | | | | | | |

I. Introduction

- 1. This Project Paper seeks the approval of the Executive Directors to provide an additional credit in an amount of SDR34.70 million (US\$47.49 million equivalent) to the Bangladesh Chittagong Water Supply Improvement and Sanitation Project (CWSISP; Project ID: P103999; Credit Number: 47340-BD) and to propose a restructuring of the parent project to, among others, extend the current closing date from December 31, 2018 to March 31, 2020.
- 2. The proposed additional credit would help finance the costs associated with activities which have been in the parent project scope but could not be undertaken due to cost overruns of US\$83.05 million caused by variations in the design of transmission and distribution networks and a weakening SDR. The Project Paper does not propose any changes to the design and the activities supported by the Project. With the extension of the current closing date to March 31, 2020, the target values of some of the indicators are updated.
- 3. Country Context: Bangladesh is one of the most densely populated countries in the world with an estimated population of more than 160 million. Population growth is increasingly concentrated in urban areas. In the past decade, Bangladesh has experienced rapid economic growth, averaging nearly 6.5 percent growth per year. With per capita income of US\$1,409 in 2016, it is well above the lower middle income country category threshold which it crossed in FY14. Social and human development has accompanied economic growth and the country has achieved considerable success in reducing extreme poverty since its independence in 1971. Progress in reducing extreme poverty and boosting shared prosperity through human development and employment generation has continued with the poverty incidence based on the international \$1.90 per capita per day poverty line (measured on the basis of the Purchasing Power Parity exchange rate) declining from 44.2 percent in 1991 to 18.5 percent in 2010 (latest available poverty data) and to a projected 14.9 percent in 2016. Such progress notwithstanding, the country needs to boost its growth rate to meet its goal of attaining middle income status by 2021. Bangladesh has met the Millennium Development Goals (MDG) target of halving incidence of extreme poverty.
- 4. Bangladesh achieved the MDG target to halve the population without access to improved drinking water sources. An additional 65 million people gained access to improved water supply between 1990 and 2015 (Joint Monitoring Program, 2015). However, only 32 percent of the urban population have piped water supply, most of which is concentrated in the major cities. Cities in Bangladesh, including Chittagong, are characterized by an infrastructure deficit and challenging service delivery. The majority of urban centers have unreliable water sources and the services are intermittent. The country also made remarkable progress in improving sanitation access, but could not achieve the sanitation MDG targets. Access to sanitation in urban areas has increased from 59 percent in 2004 to 84 percent in 2014. A recent World Bank study (2016) found that the bottom 40 percent of wealth quintiles in the country consistently have the worst coverage of all tiers of water supply, sanitation and hygiene (WASH) services and are served the least in the majority of districts compared to the top 60 wealth quintiles. To address these growing challenges, the Government of Bangladesh (GoB) is committed to achieving the Sustainable Development Goals (SDGs), including SDG 6, to ensure sustainable access to water and sanitation for all.
- 5. **Sector Context:** Over the last decade various key sector policies have been promulgated. In 1998 the National Policy for Safe Water Supply and Sanitation represented the 'parent' policy which stipulated a specific objective of facilitating access for all citizens to a basic level of services in water supply and sanitation. Various other policies and strategies augmented the national policy. In 2006, the government developed the Sector Development Program-Water and Sanitation Sector in Bangladesh which drew together the sector policies, strategies and targets and compiled them into one platform. Most recently, the GoB has demonstrated its commitment to the SDG6 by incorporating the global targets in developing the country's Seventh Five Year Plan for the period of 2016-2020. Rapid urbanization continues to be a key

policy issue affecting the urban water supply and sanitation sector. Improving and extending infrastructure to meet existing and increasing demand for safe water supply and sanitation remains a key operational issue. While significant progress has been made in improving access to basic services, key sectoral and institutional issues require attention, particularly improvements in efficiency, accountability and sustainability of urban water utilities.

6. The responsibility for water supply and sanitation sector lies with the Ministry of Local Government Rural Development and Cooperatives (MLGRD&C) through its Local Government Division (LGD). Urban water supply and sanitation services are carried out by various agencies and authorities. In 1996, the GoB adopted the Water Supply and Sewerage Authority (WASA) Act. There are WASAs in four cities – Dhaka, Chittagong, Khulna and Rajshahi. The Chittagong Water Supply and Sewerage Authority (CWASA) is responsible for providing water, sewerage and drainage services in Chittagong City. The Act provides for CWASA to manage its facilities and operate with a high degree of autonomy. It provides for an autonomous corporate management structure intended to improve the clarity of roles and responsibilities amongst sector institutions and to strengthen CWASA's accountability to its service provision mandates. The relationship between CWASA and the GoB is underpinned by a performance contract between the two parties. Chittagong is the second largest city and a major sea port in Bangladesh with a population of 2.6 million (Census 2011). The Chittagong metropolitan area is estimated to have 4 million people. Around 70 percent of the city population has access to water supply but is mostly dependent on alternative sources, including tube wells, tankers and street hydrants. Almost a decade ago, significant development partner financing resumed to address the large investment and service delivery gaps. In particular, the Japan International Cooperation Agency (JICA)-supported Karnaphuli Water Supply Project recently completed a 143 MLD water treatment plant with network expansion in the central part of the city. Key capacity development programs have also been initiated to address the longstanding challenge of weak human resources planning and management. With the implementation of the utility modernization program, CWASA's operating facilities are being rehabilitated and are improving. CWASA is developing the master plans for improved sanitation, sewerage and drainage.

II. BACKGROUND AND RATIONALE FOR ADDITIONAL FINANCING

Background and Description.

- 7. The Chittagong Water Supply Improvement and Sanitation Project was approved by the Board on June 23, 2010 with a credit amount of US\$170 million, and the credit was declared effective on October 27, 2010. The original closing date was December 31, 2015. The original Project Development Objective (PDO) was to increase sustainable access to safe water and improved sanitation, as well as support the establishment of a long-term water supply, sanitation and drainage infrastructure development and operational management program in Chittagong.
- 8. Project implementation started off slowly. It took about 3 years to establish a strong Project Management Unit (PMU), identify technical assistance needs and begin preparation of the detailed engineering designs and bidding documents for the major works packages. The mid-term review conducted in December 2013 assessed that although the original project as designed was relevant, the objectives were not achievable within the remaining implementation period. Therefore, changes were proposed to: (i) scale down project interventions in the water supply and sanitation component; (ii) cancel some project activities under the sewerage and drainage component; and (iii) amend the PDO and results framework to correspond to the revised project scope.
- 9. A two-phase restructuring was carried out to implement these changes. The first part was a Level I restructuring approved by the Board on April 1, 2014 that revised the PDO and resized and refocused the project. The revised PDO was to increase access to safe water supply and improve CWASA's institutional

capacity and investment planning for sanitation and drainage in Chittagong City. The restructuring included a partial cancellation of US\$14.48 million equivalent of SDR. The project scope was streamlined to focus on critical works and technical assistance activities under three components: (i) water supply improvement, (ii) investment planning for sanitation and drainage, and (iii) institutional capacity development and project management support. A subsequent Level II restructuring granted an extension of the project closing date by three years to December 31, 2018.

Summary of Project Performance

- 10. The project is rated Moderately Satisfactory (MS) for PDO and MS for implementation progress after significant progress was achieved over the last eight months. In accordance with Bank Guidelines, an exception to OP10.00 was obtained from the Regional Vice President's Office on April 17, 2017 after advice from OPSVP on April 13, 2017. Contracts have been signed and activities are underway for most of the priority works as the technical assistance services that are critical to achievement of the project objectives were procured. All contracts under implementation will be completed prior to the current closing date.
- 11. The PDO remains relevant and achievable in view of the progress achieved so far and the demonstrated commitments shown by the senior management of CWASA and the MLGRD&C. Results are being delivered. Around 10,600 house connections have been installed or rehabilitated. It is estimated that 254,400 people are currently benefiting from access to improved water supply due to the project. This is expected to increase to 648,000 people when all activities are completed. The Master Plans for Sanitation and Drainage are being finalized. In addition, a number of technical assistance activities are currently underway to improve CWASA's institutional capacity and planning for future investments. The operation and maintenance (O&M) cost coverage from direct water sales revenue is presently 83 percent against the end project target of 85 percent. Implementation of the recommendations of the utility modernization plan is expected to bring further improvements in utility capacity and management.

Rationale and Justification for the Additional Financing

12. The proposed additional financing (AF) will bridge a financing gap of US\$ 83.05 million resulting from an increase in the cost of water supply infrastructure and exchange rate variations. The cost of the component for water supply improvement of the restructured project increased significantly as: (a) the scope of water network coverage was extended to meet water demand for year 2035 in lieu of year 2030; (b) the rehabilitation of a booster pump station to improve transmission of water was included in the project scope; and (c) the water transmission pipeline to the southern part of the city had to be rerouted which caused a cost increase. Adverse exchange rates (SDR to US\$) also impacted financing. The GoB has committed to increasing its counterpart financing from US\$16.75 million at appraisal to an additional US\$35.56 million now. An additional financing of US\$47.49 million from IDA is proposed to fill the remaining financing gap.

III. PROPOSED CHANGES

Summary of Additional Financing activities & allocations

14. No new activity outside of the restructured project will be taken up with the proposed AF which seeks to help finance the signed commitments and implement the originally planned water supply infrastructure. The only change envisaged is the extension of the closing date to enable bid invitation, contract award and implementation of the contract (Package W5) for completion of the key water

transmission main. Project closing date will be extended to March 31, 2020. The revised estimated project costs is provided in Annex 2.

15. **Results Framework:** The PDO and Intermediate Results (IR) indicators will remain unchanged, however some target values will be modified to reflect the proposed project closing date extension. A revised Results Framework is attached in Annex 1.

A summary of the proposed changes is presented below.

Summary of Proposed Changes

The proposed additional financing will fund the cost overrun of US\$83.05 million which has occurred due to an increase in cost of water supply infrastructure and exchange rate variations. The design and scope of the project would remain unchanged. The AF does not include any changes to the development objectives as defined in the financing agreement for the restructured project, and follows the same component structure as the restructured project. The cost overrun will be covered by the proposed additional financing from IDA (US\$47.49 million) and GoB (US\$35.56 million).

A summary of the activities to be financed through the AF under components 1 and 2 is provided below. There are no activities to be financed under component 3.

Component 1: Water Supply Improvement (US\$81.56 million). This component will address construction of the major transmission system (works contract package W5 – transmission main from Kalurghat to Patenga Booster Pumping Station (BPS) and related distribution network) and bridge the financing gap for completion of ongoing contracts for (i) Modunaghat Water Treatment Plant and Patenga BPS (Package W1), (ii) construction of transmission and additional distribution pipelines (Package W4), (iii) construction of distribution pipelines (Package W8), and (iv) consulting services for design and construction supervision (Package S3). This component also includes an allocation for contingencies to address unanticipated technical challenges that may hinder the achievement of water supply objectives in the project area.

Component 2: Investment Planning for Sanitation and Drainage (US\$1.49 million). This component will address the financing gap in the consulting services for preparation of a sanitation and drainage improvement strategy and master plan for the Chittagong City.

| Change in Implementing Agency | Yes [] No [X] |
|--|------------------|
| Change in Project's Development Objectives | Yes [] No [X] |
| Change in Results Framework | Yes [X] No [] |
| Change in Safeguard Policies Triggered | Yes [] No [X] |
| Change of EA category | Yes [] No [X] |
| Other Changes to Safeguards | Yes [] No [X] |
| Change in Legal Covenants | Yes [] No [X] |
| Change in Loan Closing Date(s) | Yes [X] No [] |
| Cancellations Proposed | Yes [] No [X] |

| IDA | | Subsidiary Ag | | | | | |
|---|-------------------------------------|---|----------------|---------------|-----------------|--------------------------|--|
| Source Of 1 | Fund | Name | | Туре | | | |
| Conditions | | | | | | | |
| | | | | | | | |
| Source of Funds | Finance Agreement Reference | Description of Covenants | Date Due | Recurrent | Frequency | Action | |
| | Additional Fina on Project - P16 | ncing (Additional I 1566) | Financing to C | Chittagong W | ater Supply I | nprovemen | |
| | | Co | ompliance | | | | |
| | | results indicators. To | _ | | | been update | |
| Explanation: | tesures 11 ame wo | · K | | | | | |
| | esults Framewo | tion and drainage in | Cilitiagong Ci | ıy. | | | |
| | | ase access to safe w | | | s institutional | capacity an | |
| Current PDO | - | | ı m emmgeng | · | | | |
| well as supp | ort the establish | s to increase the sust ment of a long term nanagement program | m water suppl | y, sanitation | | | |
| Original PDC |) | | , | | | | |
| Project's De | velopment Obje | • | i Objective/1 | csuits | | | |
| Other Change | <i>(3)</i> | Development | t Ohiective/R | Pesults | PHILIP | | |
| Other Change | | ledule | | | | No[X] | |
| Change in Pr | ocurement nplementation Sch | a a duil a | | | | X] No [] X] No [] | |
| | nancial Managem | nent | | | Yes [|] No [X] | |
| | stitutional Arrang | · | | | |] No [X] | |
| | omponents and Co | | | | | X] No [] | |
| Change in Disbursement Estimates Yes [X] No [| | | | | | | |
| Reallocation between Disbursement Categories Yes [] No [| | | | | | | |
| enunge in Di | sbursement Arrai | ngements | | | Yes [2 | [No [] | |

| Risk | PHHHRISKS |
|---|---------------------|
| Risk Category | Rating (H, S, M, L) |
| 1. Political and Governance | Substantial |
| 2. Macroeconomic | Moderate |
| 3. Sector Strategies and Policies | Substantial |
| 4. Technical Design of Project or Program | Moderate |
| 5. Institutional Capacity for Implementation and Sustainability | Substantial |
| 6. Fiduciary | Substantial |
| 7. Environment and Social | Moderate |
| 8. Stakeholders | Moderate |
| 9. Other | |
| OVERALL | Substantial |

Finance

Loan Closing Date - Additional Financing (Additional Financing to Chittagong Water Supply Improvement and Sanitation Project - P161566)

| Source of Funds | Proposed Additional Financing Loan Closing Date |
|---|---|
| International Development Association (IDA) | 31-Mar-2020 |

Loan Closing Date(s) - Parent (BD Chittagong Water Supply Improvement and Sanitation Project - P103999)

Explanation:

The current closing date of the parent project is December 31, 2018. A closing date extension to March 31, 2020 is required to complete the contract award for the W5 package for construction of the transmission mains from Kalurghat to Patenga Booster Pumping Station and related distribution pipelines.

| Ln/Cr/TF | Status | Original Closing Date | Current Closing Date | Proposed Closing Date | Previous Closing Date(s) |
|-----------|-----------|--------------------------|-------------------------|--------------------------|------------------------------|
| IDA-47340 | Effective | 31-Dec-2015 | 31-Dec-2018 | 31-Mar-2020 | 31-Dec-2015, 31- Dec-2018 |
| TF-58153 | Closed | 18-Nov-2008 | 18-Nov-2009 | | 26-Apr-2010 |
| | | | | | |

Change in Disbursement Arrangements

Explanation:

A Designated Account would be provided under the AF on refund of two lapsed loans refund under Bangladesh portfolio. Disbursements under the AF is expected to commence upon completion of disbursements of components A and B under the Original Financing. Since IDA would not finance customs duties and value added taxes on imports under the AF, these taxes related to expenditures would be disbursed separately from the Government's bank account.

Change in Disbursement Estimates (including all sources of Financing)

Explanation:

The disbursement estimates are adjusted to reflect the extended implementation period.

| Expected Disbursements (in USD Million)(including all Sources of Financing) | | | | | | | | | | |
|---|-------|-------|--------|--------|--------|------|------|------|------|------|
| Fiscal Year | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| Annual | 57.71 | 34.29 | 18.75 | 53.40 | 26.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cumulative | 57.71 | 92.00 | 110.75 | 164.15 | 190.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Allocations - Additional Financing (Additional Financing to Chittagong Water Supply Improvement and Sanitation Project - P161566)

| Source of | Currency | Category of Expenditure | Allocation | Disbursement %(Type Total) |
|-----------|----------|---------------------------------|------------|-------------------------------|
| Fund | · | Expenditure | Proposed | Proposed |
| IDA | USD | Works and consultants' services | 47.49 | 100.00 |
| | | Total: | 47.49 | |
| | | | | |

Components

Change to Components and Cost

Explanation:

There are no changes in the scope of the project components. The cost of new activities and cost overruns of ongoing activities are updated. In the table below the Current Cost refers to the cost at restructuring. The IDA finance for the revised (restructured) project was SDR112.5 million (equivalent US\$157.87 million as per exchange rate of March 2014). However, as per the World Bank Client Connection Financial Data as of April 24, 2017, the equivalent value of the credit amount is US\$143.04 million. A breakdown of Current Cost per component is provided in Annex 2.

| Current Component Name | Proposed Component Name | Current Cost (US\$M) | Proposed Cost (US\$M) | Action |
|---|---|-------------------------|--------------------------|---------|
| Water Supply Improvement | Water Supply Improvement | 145.40 | 177.75 | Revised |
| Investment Planning for Sanitation and Drainage | Investment Planning for Sanitation and Drainage | 3.13 | 4.22 | Revised |
| Institutional Capacity Development and Project Management Support | Institutional Capacity Development and Project Management Support | 9.34 | 8.56 | Revised |
| | Total: | 157.87 | 190.53 | |

Other Change(s)

| Implementing Agency Name | Туре | Action |
|---|---------------------|-----------|
| Chittagong Water Supply and Sewerage Authority (CWASA) | Implementing Agency | No Change |

Change in Procurement

Explanation:

Procurement under the AF will follow the Bank's new Procurement Framework which took effect on July 01, 2016. There is only one major contract that will commence with the AF, i.e. the construction of

transmission main from Kalurghat to Patenga BPS and related distribution pipelines (Contract Package W5). There will be no change to the W5 bidding documents/procurement process as no-objection has been provided. A simplified Project Procurement Strategy for Development (PPSD) document has been prepared which spells out the procurement strategy for the AF.

Change in Implementation Schedule

Explanation:

The majority of the ongoing activities will be completed by the current closing date. The W5 package will be completed beyond the current closing date of the parent project. Therefore the implementation schedule is extended to coincide with the proposed new project closing date.

Appraisal Summary

Economic and Financial Analysis

Explanation:

Economic Analysis (EA): A benefit-cost framework using a "with" and "without" the AF methodology has been used to calculate the Internal Rate of Return (IRR) and the Net Present Value (NPV) of the project at the project and activity levels. The project level analysis determined whether the whole project would be economically viable with the AF, considering the EA at the appraisal stage. The activity level analysis assessed the economic viability of the construction of the major transmission pipe works contract package W5) which would be financed by the AF. In both analyses project costs comprise capital cost and the operations and maintenance cost across a 25-year horizon. The analysis used a discount rate of 10 percent. Quantifiable benefits include (i) incremental consumption by existing consumers and access to piped water by new consumers; (ii) non-incremental water that replaces existing water supply; (iii) time cost saved by bringing water sources closer to the households, and (iv) improvement in unaccounted for water with the rehabilitation of the piped network

a) Project Level Analysis: The project, including the AF, is economically viable. Updating the appraisal economic analysis using the present value of the AF, the IRR of the project decreases from 18.5 percent to 16.7 percent. The NPV with the AF is significantly positive. A sensitivity analysis using an increased costs by 20 percent shows that the project's IRR decreases to 14.4 percent. In case of a reduction in benefits by 20 percent, the IRR is13.9 percent. The NPVs were significantly positive for all scenarios.

b) Activity Level Analysis: The IRR for the works contract package W5 is 19 percent. A sensitivity analysis was carried out for an increase in costs or reduction in revenue. A scenario with 20 percent increase in costs resulted in a positive NPV and an IRR of 15 percent. A scenario with a 20 percent reduction in expected benefits resulted in a positive NPV and an IRR of 14.7 percent.

Financial Analysis: No project financial analysis was carried out at appraisal. The AF to the project will have a positive effect on CWASA's financial situation. The major transmission pipe to be financed by CWASA will result in 2,000 new connections and will improve water supply for 2,000 existing connections in the southern part of the city. This will generate considerable additional revenues for CWASA.

The PAD describes the financial situation of CWASA using data for the FY04–07 period. A particular issue of concern at appraisal was the ability of CWASA to operate as a solvent and financially viable entity during and after the project, and its ability to service its capital financing obligations. This issue still remains a concern. However, the utility has improved its financial performance between 2012 and 2015. The utility improved its operating ratio from 74 percent in 2012 to 82 percent in 2015. Significant improvements were achieved in collections from customers and the collection ratio was 98 percent in FY15. NRW has remained at approximately 16 percent between 2012 and 2015. Income statements for FY14 and for FY15 show a

positive and improving net income of BDT47.06 million (US\$0.6 million) and BDT85.77 million (US\$1.09 million), respectively, compared to BDT20.3 million (US\$0.26 million) in 2012.

As of fiscal year ending June 30, 2015, the utility realized a small net profit of BDT85.77 million (US\$1.09 million) on total sales of BDT622.14 million (US\$7.9 million), compared to net profit of BDT20.3 million (US\$0.26 million) on total sales of BDT516 million (US\$6.6 million) in fiscal year ending June 30, 2012. In the past, the GoB has restructured and forgiven loans and the utility has not been held fully accountable for its financial obligations. Without this implicit GoB support, the net result of CWASA profitability would be considerably more negative.

The most recent entity financial statements (for FY14 and FY15) indicate that the ratio of current assets to current liabilities was 2.02 in FY14 and 1.66 in FY15. The utility is going through a particularly important period of time that requires careful attention. The current and programmed works over the medium term will add more than US\$1,383.13 million in total capital investments over a ten-year period. This accelerated pace of development must be approached with guarded optimism. While there is great benefit to be gained by significantly increasing access to water among Chittagong's population and increasing the revenue stream of CWASA, any mistake can lead to financial imbalances that can only be reversed through GoB intervention.

CWASA's tariffs remain low with an average of BDT8.42/ m3 (US\$0.11/ m3) in 2012 to BDT9.61/ m3 (US\$0.12/ m3) in 2015. CWASA still faces the challenge of increasing revenue from its core water sales operations, thereby crowding out the use of private sector financing for the AF. Tariff reforms, increasing the volume of water sold, and controlling CWASA's administrative and non-direct costs as water sales grow will all be needed to improve the financial performance of CWASA.

Technical Analysis

Explanation:

The Bank has reviewed and confirmed that the proposed investments reflect government priorities and are aligned with strategic sector principles addressing key technical issues. The investments (works contract W5) to be financed under AF will increase the hydraulic capacity of the network and replace old AC pipes, and enable significant improvement in water supply coverage. The technical design is robust and the bidding documents are well prepared and complete.

CWASA's commitment to institutional capacity development has been strengthened with the contributions from the special task force. CWASA has agreed to maintain this arrangement throughout AF implementation to raise the utility maturity to a higher level.

Social Analysis

Explanation:

The AF will finance the completion of the works packages take up under the original project. The Kalurghat to Patenga Booster Pumping Station and related distribution pipelines passes through once-well-known places in the older parts of the city. Key stakeholders like business owners and traders operating along the roads and on sidewalks were consulted during project preparation, social screening, as well as preparation of the Abbreviated Resettlement Plan (ARP). CWASA will implement all civil works under AF using the new trenchless technology to minimize disruptions to roadside private activities. CWASA re-disclosed the ARP on May 02, 2017 and the RPF on May 08, 2017.

Involuntary Resettlement: The OP/BP 4.12 will remain triggered in the AF. The original project triggered OP/BP 4.12 and the client adopted a Resettlement Policy Framework (cleared by the Bank and disclosed to

the public) to deal with resettlement issues that might be faced during implementation of the civil works. Resettlement expenses, if any will be financed out of counterpart funds. CWASA had prepared an ARP and implemented it satisfactorily during project implementation. The ARP covered the activities financed through the AF.

Gender: It is expected that women and girls stand to benefit significantly from improved water supply and sanitation. In the absence of water supply at household level, they carry the burden of collecting water from nearby water points or tankers. With improved access to water supply provided by the project, it will reduce coping costs, lead to time saving, and increase productivity. In addition, there would be positive impact on women's safety and security -- eventually enabling them to participate in activities that would enhance their well-being. In the low income areas, the project has facilitated women's participation and representation at the community level water user groups. CWASA will ensure that women's representation in ward level meetings are continued and receive gender disaggregated feedback on the services provided by the utility for the remaining period of the project implementation.

Citizens' engagement: By extending water distribution pipelines to some of the low income areas the project may help to create a sense of fairness to the potential beneficiaries. The new clientele, i.e., those who would get household connection for the first time would benefit enormously. It is expected that women and girls stand to benefit significantly from improved water supply. To ensure that the remainder of the project is implemented effectively, CWASA will continue to draw on wider community and civil society engagement through citizens' feedback system, such as use of community score cards and satisfaction surveys in keeping with the project objectives. Grievance redress mechanism on the service provision already exists and will be further strengthened during the implementation of the project. CWASA will ensure citizen engagement throughout the project implementation period, and will track progress through feedback systems.

Environmental Analysis

Explanation:

The construction of a water transmission pipeline in a large and densely populated city environment to be financed by the AF will require careful environmental assessments. The proposed project is classified as a Category B project since there are no significant and/or irreversible environmental issues in the installation of an 11.10-km transmission pipeline. The policy on Environment Assessment (OP/BP 4.01) remains triggered in the AF to ensure that the project investment is environmentally sound, sustainable and thus help improve decision making. Since the pipeline routes to be installed is clearly known, a full Environmental Impact Assessment (EIA) has been carried out. The EIA was disclosed by CWASA in their websites (www.ctg-wasa.org.bd) on January 2016, May 2016 and reloaded in April 2017. Hardcopies are also available at CWASA headquarters.

To mitigate the environmental impact, a proper environmental management plan (EMP) has been prepared in the EIA, and the EMP shall be followed during implementation. Also, necessary mitigation measures to prevent accidents at the pipeline digging sites shall be taken during execution of the works (e.g., using appropriate safety devices). In fact, CWASA will carry over the experiences gained during implementation of the original project into the implementation of the AF activities.

The EMF, EIA, and RPF were discussed in a stakeholder consultation workshop in December 2009 and June 2015. More of such discussions will be undertaken for the activities under the AF. Environmental issues will be integrated into the project's suggestions and complaints mechanism (SCM) referred to in the EIA.

Risk

Explanation:

The overall risk for the original project was rated as High at appraisal. A comprehensive risk assessment was undertaken at the time of the second project restructuring in June 2015. The assessment at that time rated the overall risk as Substantial. The initial screening of the AF for risks using the Systematic Operations Risk-Rating Tool (SORT) suggests that the overall risk of the proposed AF is Substantial.

CWASA is in compliance with the FM and audit legal covenants. There have been regular submissions of IUFRs and project audit reports to the Bank. The submission of IUFRs could be further improved with support from the CWASA's full time Financial Management Specialist. CWASA submitted an acceptable project audit report for FY 2015-16 in January 2017. While the project is in compliance with audit covenants under Bank projects, however, there is a backlog in producing the entity audit reports and financial statements of the last two financial years, i.e. 2014-15 and 2015-16. A time-bound action plan has been drawn to clear the entity audit backlog by September 30, 2017. Fiduciary risk is evaluated as substantial mainly due to a backlog of entity audit reports.

Procurement risks are associated with capacity constraints in CWASA in performing procurement and contract management related activities and delays in procurement processing. A range of procurement risk mitigation measures were put in place under the parent project which successfully minimized the procurement risks and capacity gap in CWASA. All procurement risk mitigation measures of the parent project will be continued under the AF, including the presence of an international procurement expert and international technical expert in the bid evaluation committee for internationally advertised procurements.

The climate and disaster risk screening was undertaken for the AF. Characterization of risks due to climate change and geophysical hazard on project components was assessed and potential impact due to exposure from hazards is modulated by project's non –physical components, especially through capacity building activities. Institutional strengthening on improved management of water demand and supply, water quality and quantity, water use monitoring and information, water pricing and sustainability are key under the current project and will be continued to build long term resilience to the anticipated risks. In addition potential impacts to the project components by timeframe, especially considering future climate variability and change on physical infrastructure have been taken into account and appropriate measures will be undertaken for contract package W5 and on-going works that are to be completed with AF.

16. **Implementation Readiness:** The Government's internal approval process for AF has been completed. All activities are well prepared to continue their rapid implementation upon receiving the AF resources, and a detailed implementation plan has been prepared. The procurement plan for the project has been updated to reflect the AF activities.

IV. WORLD BANK GRIEVANCE REDRESS

17. Communities and individuals who believe that they are adversely affected by a World Bank (WB) supported project may submit complaints to existing project-level grievance redress mechanisms or the WB's Grievance Redress Service (GRS). The GRS ensures that complaints received are promptly reviewed in order to address project-related concerns. Project affected communities and individuals may submit their complaint to the WB's independent Inspection Panel which determines whether harm occurred, or could occur, as a result of WB non-compliance with its policies and procedures. Complaints may be submitted at any time after concerns have been brought directly to the World Bank's attention, and Bank Management has been given an opportunity to respond. For information on how to submit complaints to the World Bank's corporate Grievance Redress Service (GRS), please visit http://www.worldbank.org/GRS. For information on how to submit complaints to the World Bank Inspection Panel, please visit www.inspectionpanel.org.

Annex 1: Results Framework

BANGLADESH: Chittagong Water Supply Improvement and Sanitation Project

Additional Financing Result Framework (Cumulative Targets)

Project Development Objectives

Original Project Development Objective - Parent:

The objective of the Project is to increase the sustainable access to safe water and improved sanitation, as well as support the establishment of a long term water supply, sanitation and drainage infrastructure development and operational management program in Chittagong.

Current Project Development Objective - Parent:

The revised PDO is to increase access to safe water and improve CWASA's institutional capacity and investment planning for sanitation and drainage in Chittagong City.

Proposed Project Development Objective - Additional Financing (AF): Same as current PDO.

Cumulative Target Values

| Status ¹ | Indicator Name | Unite of Measure | Core | Base Line Value | Current Value 31 March 2017 | Target Value 31 Dec 2018 | Target Value 31 March 2020 | Frequency | Data Source/ Methodology | Responsibili ty for Data Collection | Remarks |
|---------------------|--|------------------------|------|-----------------------|---|-----------------------------------|--|-----------|--|---|---|
| | PDO Level Results Indicators | | | | | | | | | | |
| Revised | Number of people in urban areas provided with access to Improved Water Sources under the Project. | Number (cumulative) | Х | 1500 | 254,400 | 552000 | 648000 | Annual | CWASA Management Information Reports (MIR) | CWASA/ PMU | With extension of end date the target value is corrected and revised. |

¹ Please note that "revised" refers only to a change in end -target values. The definition of all PDO and Intermediate Indicators remain the same

| Revised | CWASA achieve O&M cost coverage from direct water sales revenues. | Percentage | | 66 | 80 | 85 | 85 | Annual | Annual Performance Audit Reports | CWASA/ PMU | End date extended. No change in end target value | |
|-----------|--|---|---|-----|-------|--------|-------|-----------------|--|---|--|--|
| Revised | Water utility maturity level. | Number score between 1-5 on the maturity scale | | 2 | 2 | 3 | 3 | Biennial | Consultant Report | CWASA (Institutional Development Task Force) | Change in end date. No change in target value | |
| No Change | Total value of priority sanitation and drainage investments identified, prepared and ready for financing. | Million, USD (cumulative) | | 0 | 100 | 150 | - | Annual | Updated Sanitation and Drainage Master Plan | CWASA/ PMU | To be achieved in 2018 | |
| | Intermediate Results (Component One): | | | | | | | | | | | |
| Revised | Length of new pipelines installed. | Kilometers (cumulative) | | 7.5 | 38 | 50 | 60 | Semi- annual | Works contract | CWASA/ PMU | Target value increased with change of end date | |
| Revised | New piped household connections that are resulting from project intervention. | Number (cumulative) | х | 650 | 3,600 | 8,000 | 10000 | Semi- annual | CWASA MIR | CWASA/ PMU | Change in target value with revised end date | |
| Revised | Length of pipeline replaced / rehabilitated. | Kilometers (cumulative) | | 0 | 26 | 69 | 73 | Semi- annual | Works contract | CWASA/ PMU | Change in target value with revised end date | |
| Revised | Piped household water connections that are benefiting from rehabilitation works undertaken by the project. | Number (cumulative) | Х | 0 | 7,000 | 15,000 | 17000 | Semi- annual | CWASA MIR | CWASA/ PMU | Change in target value with revised end date | |

| Revised | Improved community water points constructed or rehabilitated under the project. | Number (cumulative) | Х | 0 | 60 | 120 | 150 | Semi- annual | Works contract | CWASA/ PMU | Change in target value with revised end date |
|-----------|--|---------------------------------------|-------|----------|------------|------------|---------|-----------------|---|---------------|--|
| Revised | Number of water utilities that the project is supporting. | Number (cumulative) | | 1 | 1 | 1 | 1 | One-time | Financing Agreement | CWASA | Change in end date only |
| Revised | Number of other water service providers that the project is supporting. | Number (cumulative) | | 0 | 2 | 2 | 2 | Annual | MoUs/ Agreements | CWASA/ PMU | Change in end date only. |
| Revised | Volume of safe water produced by CWASA. | MLD | | 179 | 270 | 315 | 360 | Semi- annual | CWASA MIR | CWASA/ PMU | Change in target value with revised end date. |
| | | · | Inte | rmediate | Results (| Component | Two): | | | | |
| No Change | Sanitation and drainage strategy and master plan prepared and approved by CWASA Board | Yes/No | | No | No | Yes | - | One-time | Master Plan Report; and Board Resolution | CWASA/ PMU | To be completed in 2018 |
| | | | Inter | mediate | Results (C | omponent [| Three): | | | | |
| Revised | Volume of safe water sold/billed by CWASA | (Million liters per year # MLY) | | 54,816 | 78,840 | 91,980 | 105120 | Semi-annual | CWASA MIR | CWASA/ PMU | Change in target value with revised end date |
| Revised | CWASA's Bill Collection Ratio. | Percentage | | 97 | 95 | 99 | 99 | Semi- annual | CWASA MIR | CWASA/ PMU | Change in end date only |

| No change | Institutional capacity development program prepared and approved by CWASA Board. | Yes/No | No | Yes | Yes | - | Annual | Program document; Board Resolution | CWASA Institutional Development Task Force | To be completed in 2018 |
|-----------|--|------------------------|----|-----|-----|-----|-----------------|---|--|---|
| Revised | Percentage of institutional capacity development activities supported by the project that are completed. | Percentage | 40 | 50 | 60 | 60 | Semi- annual | Program monitoring reports | CWASA Institutional Developmen t Task Force | Change in end date only. |
| No change | New organogram prepared and approved by CWASA Board. | Yes/No | No | Yes | Yes | - | Yes | Consultant Report; Board Resolution | CWASA Institutional Development Task Force | To be completed in 2018 |
| No change | Staff training and development program prepared and approved by CWASA Board. | Yes/No | No | Yes | Yes | | One-time | Program Document; Board Resolution | CWASA Institutional Development Task Force | To be completed in 2018 |
| Revised | No. of staff trained as per approved staff training and development program. | Number (cumulative) | 0 | 134 | 300 | 350 | Semi- annual | Program monitoring reports | CWASA Institutional Development Task Force | Change in target value with revised end date |
| Revised | Standard operating procedures and O&M manuals prepared and staff trained in their use. | Yes/No | No | Yes | Yes | Yes | Semi- annual | SOPs; manuals; Training | CWASA Institutional Development Task Force | Change in end date only. |
| No change | Commercial management plan prepared and approved by CWASA Board. | Yes/No | No | No | Yes | - | One-time | Commercial management plan; Board resolution | CWASA Institutional Development Task Force | To be completed in 2018 |
| No change | Management information systems plan prepared and approved by CWASA Board. | Yes/No | No | No | Yes | - | One-time | MIS plan; Board resolution | CWASA Institutional Development Task Force | To be completed in 2018 |

| No change | Customer services improvement plan prepared and approved by CWASA Board. | Yes/No | No | No | Yes | - | One-time | Customer services plan and Board resolution | CWASA Institutional Development Task Force | To be completed in 2018 |
|-----------|--|------------------------|----|----|-----|---|----------|--|---|-------------------------|
| No change | No. of zonal offices refurbished and equipped under the project. | Number (cumulative) | 0 | 4 | 4 | 4 | Annual | Works contract | CWASA/ PMU | To be completed in 2018 |

Annex 2: Revised Estimated Project Costs

BANGLADESH: Chittagong Water Supply Improvement and Sanitation Project

| | | nt Project Million | | nal Financing \$ Million | Total US\$ Million | | | |
|--|--------|--------------------------|-------|-----------------------------|-----------------------|-------------------------|--------|--|
| Project Components | IDA | Government Financing* | IDA | Government Financing | IDA | Government Financing | TOTAL | |
| Component 1: Water Supply Improvements | 131.75 | 13.55 | 46.00 | 35.56 | 177.75 | 49.11 | 226.86 | |
| Component 2: Investment planning for sanitation and drainage | 2.73 | 0.67 | 1.49 | 0 | 4.22 | 0** | 4.22 | |
| Component 3: Institutional Capacity Development and Project Management Support | 8.56 | 2.54 | 0 | 0 | 8.56 | 2.54 | 11.10 | |
| Total Project Cost | 143.04 | 16.76 | 47.49 | 35.56 | 190.53 | 51.65 | 242.18 | |

^{*} GoB financing at appraisal

NOTE: IDA finance for the revised (restructured) project was SDR 112.5 million (equivalent US\$ 157.87 million as per exchange rate of March 19, 2014). Equivalent value of the credit amount is US\$ 143.04 million as per World Bank Client Connection Financial Data as of April 24, 2017.

The counterpart financing (GoB contribution) under the AF would be on parallel basis. USD 35.56 million would be used to finance: (i) all land required for the purposes of the Project; (ii) all resettlement and rehabilitation compensations set forth in each applicable RAP; (iii) customs duties and value added taxes on imports; (iv) road cutting charges; and (v) recurrent expenditures such as workshop allowances, sitting allowances, cash per diems, honoraria and fuel. The estimated taxes under the AF is expected to be below 15% of the project cost.

^{**}Indicates no GoB contribution in the Revised Development Project Proforma