



Kariba Dam Rehabilitation Project (RI) (P146515)

AFRICA | Africa | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 3 | ARCHIVED on 27-Jun-2016 | ISR22945 |

Implementing Agencies: Zambezi River Authority

Key Dates

Key Project Dates

Bank Approval Date:09-Dec-2014

Effectiveness Date:20-Aug-2015

Planned Mid Term Review Date:30-Mar-2018

Actual Mid-Term Review Date:--

Original Closing Date:28-Feb-2025

Revised Closing Date:28-Feb-2025

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to assist in improving the safety and reliability of the Kariba Dam.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component 1: Institutional and Project Management:(Cost \$70.30 M)

Component 2: Plunge Pool Reshaping:(Cost \$99.30 M)

Component 3: Spillway Refurbishment:(Cost \$124.60 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

Implementation Status and Key Decisions



The Technical Services & Supervision Consultant mobilised in January 2016 and a revised implementation schedule agreed among the Zambezi River Authority and the financing Partners.

The Detailed Design Report and the Tender Dossier for the Plunge Pool works to be financed by the EU have both been finalised by the TS&S Consultants and the launch of the tender is scheduled for June, 2016. The Design Review Report for the Spillway Refurbishment to be financed through IDA and the AfDB is scheduled for delivery in 2016 to facilitate the launch of the tender before the end of the calendar year. Based on the current schedule both works contracts will commencement in 2017.

The Panel of Experts for both Dam Safety and Environmental and Social continue to be in place and meeting regularly to provide support with the Zambezi River Authority.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Low	● Low
Technical Design of Project or Program	--	● High	● High
Institutional Capacity for Implementation and Sustainability	--	● Moderate	● Moderate
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Low	● Low
Stakeholders	--	● Substantial	● Substantial
Other	--	--	--
Overall	--	● Substantial	● Substantial

Results

Project Development Objective Indicators

► Number of people benefitting in the project area through risk reduction and avoided disaster (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,000,000 at risk from failure	--	Dam break analysis under implementation and informing detailed assessment.	3,000,000 people no longer at risk from failure
Date	27-Feb-2015	--	31-May-2016	28-Feb-2025

► Emergency Preparedness Plan adopted and operationalized (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	Y	Y	Y
Date	27-Feb-2015	04-Dec-2015	31-May-2016	28-Feb-2025



Comments

The existing EPP is under review following appointment of the TS&S Consultant. The Dam Break Analysis has been launched and will provide an important input into further development of the EPP.

Overall Comments

Intermediate Results Indicators

► Emergency Preparedness Plan Updated (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Existing EPP limits operations due to dam safety concerns	--	--	Updated EPP adopted and operationalized
Date	27-Feb-2015	--	31-May-2016	27-Feb-2025

Comments

The existing EPP is under review following appointment of the TS&S Consultant. The Dam Break Analysis has been launched and will provide an important input into further development of the EPP.

► Dam Break Analysis Completed and Integrated into the EPP (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Limited information available	--	--	Flood inundation and risk maps integrated into EPP
Date	27-Feb-2015	--	31-May-2016	27-Feb-2025

Comments

The contract for the Dam Break Analysis has been signed and the process launched with an inception workshop held with dam operators in Mozambique in March. The analysis will provide an important input into further development of the EPP. With appointment of the TS&S Consultant the existing EPP is under the initial review.



► Plunge Pool: Volume Excavated (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	300000.00
Date	27-Feb-2015	--	31-May-2016	27-Feb-2020

Comments

The plunge pool tender dossier is being finalized. The WBG Team has issued the letter of no objection for IDA and the AfDB. The plunge pool works are being financed by the Eu and they are currently finalizing the dossier for launch of the tenders in June, 2016.

► Spillway: Gates Refurbished (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0 gates refurbished	--	The TS&S Consultant has been appointed and is preparing the Detailed Design Review report.	6 gates refurbished
Date	27-Feb-2015	--	31-May-2016	27-Feb-2025

► Spillway: Rule Curve (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Rule curve reduced by 3.5m	--	The rule curve will be reviewed and revised as part of the ongoing process of the preparation for the works. The TS&S Consultant has completed the initial review associated with the plunge pool and the design review report is being prepared for the spillway refurbishment.	Rule curve restored to full supply level
Date	27-Feb-2015	--	--	27-Feb-2025

Overall Comments

Data on Financial Performance



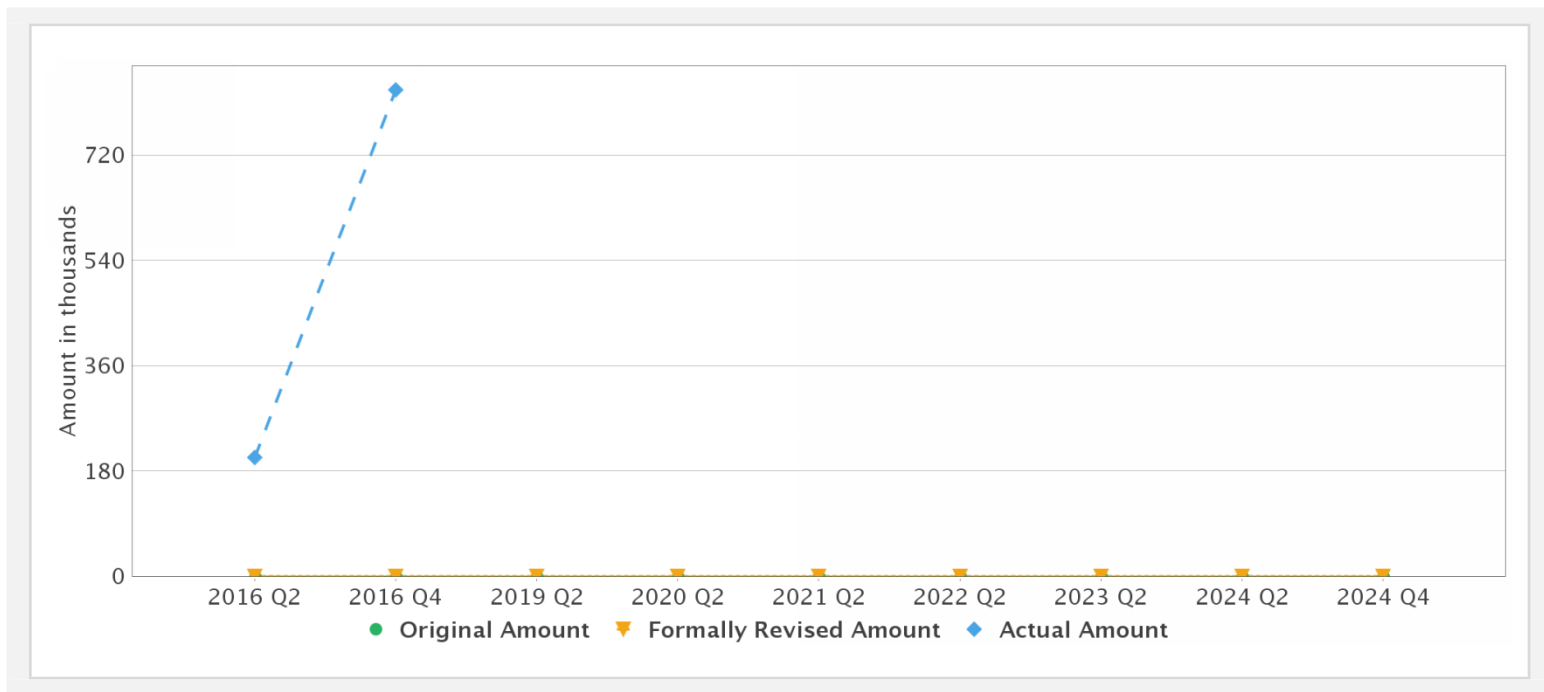
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P146515	IDA-55630	Effective	USD	75.00	75.00	0.00	0.83	70.74	1%
P146515	TF-19029	Effective	USD	20.00	20.00	0.00	0.00	20.00	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P146515	IDA-55630	Effective	09-Dec-2014	20-Feb-2015	20-Aug-2015	28-Feb-2025	28-Feb-2025
P146515	TF-19029	Effective	09-Dec-2014	20-Feb-2015	20-Aug-2015	30-Sep-2019	30-Sep-2019

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)



There are no related projects.
