

Zimbabwe: Beitbridge Emergency Water Supply and Sanitation Project

The following report was prepared by the PCU under the direction of the TTL Mathewos Woldu and will be jointly presented by the BTC Town Engineer and Project Coordinator Maxwell Karenyi and the Project Engineer Charles Sakuhuni

Zimbabwe: Beitbridge Emergency Water Supply and Sanitation Project

**It covers the progress on the project from its
official launch on 3 March 2011 to date**

(a) Brief Description of Objectives of Program/Activity and Intended Beneficiaries:

- The project's development objective (PDO) is to improve access to sustainable quality water supply and sanitation services in Beitbridge.
- Direct project beneficiaries are estimated 47,000 town residents and about 2000 daily travelers who are in transit between Zimbabwe and South Africa.
- The project is expected to be implemented in 24 months from January, 2011 to December 2012

(b) Description of Project Components, Methodology and Time Frame:

- The project was identified jointly by staff of the World Bank, ZINWA, Beitbridge Town Council and World Vision which was followed by Bank scoping mission in May, 2009.
- In October 2009, a Bank consultant carried out a rapid assessment of water and wastewater services in Beitbridge which identified priority interventions aimed at reducing the risk of cholera and avoid the loss of life.
- A Rapid Assessment was conducted in October 2009 on the current situation of water supply and sanitation services.
- Subsequently, in December 2009 and January 2010, a Bank team visited the town to assess

Description of Project Components, Methodology and Time Frame...

implementation options including the institutional capacity of organizations currently involved in water and sanitation activities in the town and to assess the financial management capacity of possible project implementation agencies.

- The project's institutional arrangement and capacity building needs have been designed based on these findings and recommendations.

Project Components.

- The project supports four components covering:
 - (i) water treatment and supply rehabilitation,
 - (ii) sewage treatment,
 - (iii) solid waste disposal and
 - (iv) institutional strengthening.
- Detailed presentations will come hereafter

Component 2

Sewage Treatment Rehabilitation and Improvement of Solid Waste Management Component (US\$860,000).

- This component supports the provision and installation of goods and equipment related to sewage collection, treatment and disposal.
- This involves upgrading the current sewer line to a higher carrying capacity by replacing old pipes with new and larger pipes. More specifically, the project will finance:

Sewage Treatment Rehabilitation and Improvement of Solid Waste Management Component (US\$860,000)

- Technical Assistance in the form of engineering consultants to assist the council in the preparation of detailed designs, preparation of drawings and tenders,
- tender evaluation, procurement and project supervision and management. This will ensure high quality of work;

Component 3

- Strengthening Institutional Capacity Component (US\$650,000).

- This component supports
- technical assistance and training and M&E including implementation of environmental safeguard measures.
- The objective is to strengthen the Council's capacity in project implementation, coordination and effective O&M of water distribution and waste collection facilities
- strengthen the billing capacity of the Council, and

Strengthening Institutional Capacity Component (US\$650,000).

- (i) Technical Assistance in the form of engineering consultants to assist the council
- in the preparation of detailed designs, preparation of drawings and tenders,
- tender evaluation, procurement and project supervision and management. This
- will ensure high quality of work;

Strengthening Institutional Capacity Component (US\$650,000)

- (ii) Monitoring and Evaluation consultant for impact evaluation and knowledge sharing activities and Community Participatory Hygiene and Health Education
- More specifically, the project will finance:
- (PHHE) programs,
- (iii) Procurement of two vehicles for the PCU for the supervision of the project and

Strengthening Institutional Capacity Component (US\$650,000)

- their operating cost, computers and accessories and billing Software to
- (iv) Environment consultants to assist the PCU for monitoring and reporting
- environmental impacts and implementation of required safeguards mitigation measures.

Description of Project Components, Methodology and Time Frame

- (iii) Procurement of two vehicles for the PCU for the supervision of the project and
- their operating cost, computers and accessories and billing Software to
- strengthen the billing capacity of the Council, and

(C) Exit Strategy and Potential Future Bank Activities as Follow Up to the Project

- is uncertainty over funding modalities and the options for arrears clearance. In that context, the proposed
- project may turn out to be either a one-time emergency assistance, or the first in series of future
- engagements in the sector that could involve infrastructure improvements and policy and institutional

Exit Strategy and Potential Future Bank Activities as Follow Up to the Project

- reforms. Should Zimbabwe's re-engagement with the international community continue apace, and this
- project is successfully implemented, it is hoped that this will establish a firm foundation for further
- involvement in the sector and also cement the Bank's leadership and coordination role with other development partners.

Component 2:Sewage treatment rehabilitation and solid waste management

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC02 LOT C	1 Refuse truck	205 000.00 (LOT A-C)	Shopping	Delivered on 25 May 2011 at \$172 222.03 by Duly Trucks	Truck usage started on 07/09/2011.Refuse collection has increased more than 4 fold in volume	Huge dumps of refuse from the past need to be cleared	BTC will provide a backhoe loader by 17 November 2011
WB/BTC02 LOT A	2 Tractors		Shopping	Tractors delivered on May 11,2011 by Elimobil Enterprises @ \$60 400.00	Tractors collecting refuse from 5 September	None	
WB/BTC 02 LOT B	2 trailers			Trailers delivered on August 29,2011 by Elimobil Enterprises @ \$27 140.000	Trailers being used with tractors to collect refuse	None	

Component 2:Sewage treatment rehabilitation and solid waste management

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC06	Sewer cleaning equipment	65 000.00	Shopping	1 Slurry pump delivered on June 16,2011 by Rumyet @ \$Enterprises High velocity cleansing machine delivered on October 9,2011 by Rumyet Enterprises	Operators of the High Velocity cleansing machine need training. Training scheduled for 3 weekends from November 5 ,2011- November 23,2011.	None	

Component 2:Sewage treatment rehabilitation and solid waste management

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC05	Repair of 2 tractors	5000.00	Shopping	Spares delivered on may 6,2011 by Elias Chibi @ \$2 540.00	Repairs done in-house. The 2 Tractors now collecting refuse	None	
10 (TBA)	1.2 km upgrading of trunk sewer and repairs on ponds	495 000.00	NCB	Engineering Consultant (CNM-YBJ and SDP Africa) awarded tender on September 27,2011	Engineering survey started on November 4,2011	None	

Component 2:Sewage treatment rehabilitation and solid waste management

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC08	Feasibility study for new dump site	60 000.00	CQ	Draft TOR to be ready by November 11,2011	Draft TOR preparation in progress	None	

INSTITUTIONAL STRENGTHENING

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC04	2 Vehicles for PCU	80 000.00	Shopping	Vehicles registered by 8 August 2011 by Duly Trucks @ \$78 800.00	Vehicles now operational	Implementing Agencies want operational costs to be met by the bank	SC has made application for this to the TTL. Awaiting Bank response
WB/BTC03 A	5 Computers and 2 printers	10 000.00(combined with WB/BTC03 B)	Shopping	Delivered on 1 July 2011 by Betapt @ \$13 615.00	Computers and printers now in use.	ZINWA wants a laptop	Bank made aware. Awaiting response.

INSTITUTIONAL STRENGTHENING

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC03 B	Billing software		Shopping	Delivered by Olimen softwares on June 21,2011 @ \$8 864.34	Implementa tion in progress	Implementa tion taking too long to complete	Set deadline of December 31,2011 for completion of implemen tation

INSTITUTIONAL STRENGTHENING

Item	Description	Estimated Cost(US\$)	Procurement Method	Status	Remark/due date	Issues	Proposed Action
WB/BTC/ZIN/01	Monitoring and evaluation	40 000.00	IC	To start	Contract award due on December 30,2011		
WB/BTC/ZIN/02	Community PHHE and IEC (NGO)	60 000.00	SS	To start	Contract award due on 15 December 2011		
WB/BTC/ZIN/03	Impact Evaluation and Knowledge Sharing	20 000.00	IC	To start	Contract award due on 30 January		

The End

Thank You