

**MAKENI ECUMENICAL CENTRE**  
**AGRICULTURAL SETTLEMENT PROJECT**  
**WATER SUPPLY PROJECT**

Report of the Water  
Supply Project for  
Chisamba and  
Mwomboschi Settlement  
Villages

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## **A – Introduction**

This report is written to donors to report on how Makeni Ecumenical Centre, Agriculture Settlement Project utilized the €1,600 on the water project dubbed Water Supply Project II. This project was implemented following the approval to fund the project that was presented in Water Supply Project II Project Proposal. The proposal was written and sent to Dimitri Knobbe in April 2005.

The three major aspects of the proposal were (a) Project 1 - Rehabilitation of Borehole in Mwomboshi at the cost of K600,000 (E151). This was at the then exchange rate. (b) Project 2 & 3 - Construction of 2 concrete and 1 polythene lined 100,000litre reservoirs in Mwomboshi, Chisamba and Makeni Ecumenical Centre at the cost of K14,860,000(E3743) including contributions of materials (i.e. E781) from the settlement communities.

## **B – Implementation & Economic Situation**

The implementation of the projects did go to a greater extent as planned, though some of the financial resources were channeled to water-related urgent needs and the changes in the exchange rate of the Kwacha to the euro. Adjustments resource utilization were made to deal with the urgent water concerns and accommodate the effects of the Kwacha's appreciation against the Euro and other major currencies. Below is how we proceeded:

### ***1. Mwomboshi***

**(a) Farm house borehole** - We channeled K2,600,000 (E665) to the borehole because the pipes and cylinder dropped into the well due to rust and faulty tools. The handpump was also repaired. This was at a time when the second working water pump had a much lower water table and would not cater for all the village population of 78 families. People resorted to getting unsafe water from the river. It was going to have serious health repercussions.

**(b) Windmill cylinder** - We bought a cylinder because the other one broke when the water table went down. The windmill was let to run in the hope of cushioning the then prevailing water problem. The amount spent for this was K150,000 (€38)

**(c) Stephenson borehole** - Was implemented accordingly at the cost of K350,000 (E88). The community water on the borehole and it is in good working order.

**(d) Reservoir** - Was not implemented due to the expenses incurred in repairing the farm house borehole and the acquisition of the windmill cylinder; that is (a) and (b) respectively. The other reason for not implementing this project was due to the change (appreciation) in the local currency.

### ***2. Chisamba Reservoir***

The reservoir capacity was reduced from 100,000lts to 65,000lts to accommodate the remaining finance available which was made more critical due to the appreciation of Kwacha. The exchange rate in April 2005 was about K6,000 to One Euro but was an average K3,970 to One euro in January to July,2006. Sand, stones and labour were contributed by the community. The implementation started as scheduled but was not been completed accordingly. This was due to community mobilization issues: such as clarity of activity schedule and community participatory concerns. The other reasons were that individual farmers needed more time to harvest and market their crops. Since this was the harvesting and marketing season (February to September). This coincided with project workplan. We were compelled to adjust the time schedule to accommodate the above.

There was a technical miss up which brought a minor setback when we started filling the space between one wall and earth before the wall dried enough. The reservoir was completed in the third week of October. It is being filled with water and awaiting commissioning.

### ***3. Makeni Reservoir***

This could not be done due to the already mentioned expenditure and largely the change in the local currency. In April 2005, E1,600 amounted to K9,600,000 but dropped to roughly K6,352,000 (i.e. 33.8% drop) from January to July 2006. The shortfall was so large that MEC was not in a position to top up to complete the reservoir.

## C – Summary of Expenditure

### Water Supply Project II - Summary of Expenditure for E1,600

No	Detail	Quantity	A m o u n t		
			Kwacha	Euro	
<b>1</b>	Mwomboshi Farm borehole				
	- Pipes and cylinder	1	2.000.000	504	
	- Handpump repair	1	600.000	151	
				<b>2.600.000</b>	<b>655</b>
<b>2</b>	Mwomboshi Stepheson borehole				
	- Cylinder	1	280.000	71	
	- Repair kit (chain)	1	70.000	18	
				<b>350.000</b>	<b>88</b>
<b>3</b>	Mwomboshi Windmill				
	- Cylinder	1	150.000	38	
				<b>150.000</b>	<b>38</b>
<b>4</b>	Chisamba Reservoir				
	- Consultance fees	1	1.020.000	257	
	- Cement	34	1.122.000	283	
	- Concrete blocks	120	300.000	76	
	- Sundries (wiremesh, polythene, sugar & rice)	1	331.800	84	
				<b>2.773.800</b>	<b>699</b>
<b>5</b>	Total			<b>5.873.800</b>	<b>1.480</b>
<b>6</b>	Consultancy fee balance channeled		680.000	171	
	to materials shortfall (*C, B, T, P, etc.)			<b>680.000</b>	<b>171</b>

<b>7</b>	<b>Total Expenditure</b>			<b>6.553.800</b>		<b>1.651</b>
<b>8</b>	Allocated funds			6.352.000		1.600
	Less: Total Expenditure			6.553.000		1.651
<b>9</b>	<b>Deficit</b>			<b>(201.000)</b>		<b>(51)</b>

**NB:** 6 - Resources were channeled from the remaining consultancy fee in order to obtain the materials shortfall. They are \*C - Cement, B - Blocks, T - Tap, P - Pipes, etc. To be noted also is that the exchange rate was not adjusted because the appreciation of the Kwacha recent did not have any positive impact on the price of the materials. Therefore for accounting purposes it was maintained.