



December 2007

Proposal for

Umeme (Electricity) Project

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I. Summary

Mlimani Alumni Organization (MAO) was founded in 2005 with the aim of bringing together Mlimani Primary School alumni around the world and joining efforts to assist the school and improve the learning environment for current students.

The Umeme (Electricity) project was launched with the purpose of installing electricity at Mlimani Primary School. Initially the organization will focus on installing electricity at the Administration Block (Head Teacher's office and the Teacher's Office) block and the end result is to have electricity at the whole school.

Mlimani Alumni Organization has already raised approximately \$1850 for the Umeme Project. MAO has also received pledges for the project amounting to approximately \$1850.

The Umeme Project expected costs stand at approximately \$5,400.

The organization is working to raise the remaining \$1,700 to install electricity at the Administration block.

The current expected end date for the project is March 2007.

MAO is still accepting pledges and contributions from alumni and friends of the alumni to cover the remaining cost. Your help will be greatly appreciated as it goes to provide a better learning environment for students at the Mlimani Primary School and conducive working environment for the teachers.

II. Introduction

Who we are

Mlimani Alumni Organization (MAO) was founded in 2005 with the aim of bringing together Mlimani Primary School alumni around the world and joining efforts to assist the school and improve the learning environment for current students.

The school is located within the University of Dar es Salaam Mlimani campus in Tanzania, East Africa.

The current active members of the organization are former Mlimani Primary School students.

Our Mission Statement

The Mlimani Alumni Organization seeks to reach, serve and engage all alumni of Mlimani Primary School by:

1. Fostering an intellectual connection among Mlimani alumni, and also between alumni and the Mlimani Primary School
2. Giving alumni and Friends of Mlimani an opportunity to come together and provide a goodwill support to Mlimani Primary School.
3. Giving alumni the opportunity for peer mentoring.
4. Giving alumni an opportunity to host events and have fun!

Our activities

The organization is currently working on two projects concurrently, namely the Umeme (Electricity) and the Madawati (Desks) Projects.

The target population for the organization's projects is the current Mlimani Primary School students and teachers while the target population for other organization activities is both the Alumni and current students.

Since it was founded, Mlimani Alumni Organization has hosted two alumni reunions, one in Dar es Salaam Tanzania in 2005 and another in Ohio, USA in 2006.

At the alumni reunion party in Tanzania, MAO raised a total of Tshs. 450,000 in cash donations, equivalent to approximately US \$450 for the Umeme project. Additionally, the organization has raised US \$1400 in cash also for the Electricity Project

MAO raised a total of US \$1,500 in cash donations for the Madawati (Desks) project during the Ohio alumni reunion in USA. Additionally, the organization has raised US \$3,200 in cash also for the Madawati Project. The goal for desks stands at 267, which is the current need.

III. Needs/Problems

Mlimani Primary School is located within the University of Dar es Salaam campus and even though the neighboring surroundings have electricity supply, the primary school is still without electricity since it was built.

There are approximately 2000 students at Mlimani Primary School. Both students and the teachers will benefit tremendously from the supply of electricity to the school.

The lack of electricity at Mlimani Primary has always had an impact on the students. For example, proper lighting will help to ensure that the students and teachers maintain healthy eyes and therefore have good vision during the time that they spend reading and teaching (respectively) at the school.

The problem also hinders any efforts to open a computer lab at the school which will be beneficial in introducing computers to the young students preparing them for the advanced use of the equipment at higher learning institutions and the workplace.

Emergency response systems depend on electricity to operate. In case of emergency the school management has no way of sending an alert to reach all students at the same time, electricity will facilitate the installation of a paging system for example which can be used to relay emergency and non-emergency messages to the school.

There are good educational programs on local radio stations but it is difficult for students to benefit from these programs or listen to the news due to lack of electricity.

IV. Goals

MAO's goal is to raise funds to install electricity at the Mlimani Primary School as early as the year 2008.

The organization plans to start with the Administration Block and eventually be able to install electricity for the whole school.

Goal - Install electricity to the Administration block

Benefit: The Head teacher and the teachers will be able to use electronic devices such as lights, radio, computer, paging system and other electronic equipment.

V. Scope of Work

The work involves the services of an Electrical Contractor who has already done initial evaluation and provided drawings.

The contractor will the wiring while a contractor from the electrical company Tanesco will finish up the work by pulling the electricity from the nearest pole to the school and finalize the project.

VI. Timetable

Below is the expected timetable for the project divided into 3 phases. The organization is currently focusing on accomplishing its goal of installing electricity to the Administration Block.

	Description of Work	Start and End Dates
Phase One	Evaluation and drawings	November 2007 - Done
Phase Two	Wiring the Administration block	December 2007-January 2008
Phase Three	Finishing, covering outlets etc	January 2008
Phase Four	TanESCO work-installing electricity at the Administration block	February 2008-March 2008

VII. Budget

The expected cost for the entire project is approximately \$5,000.

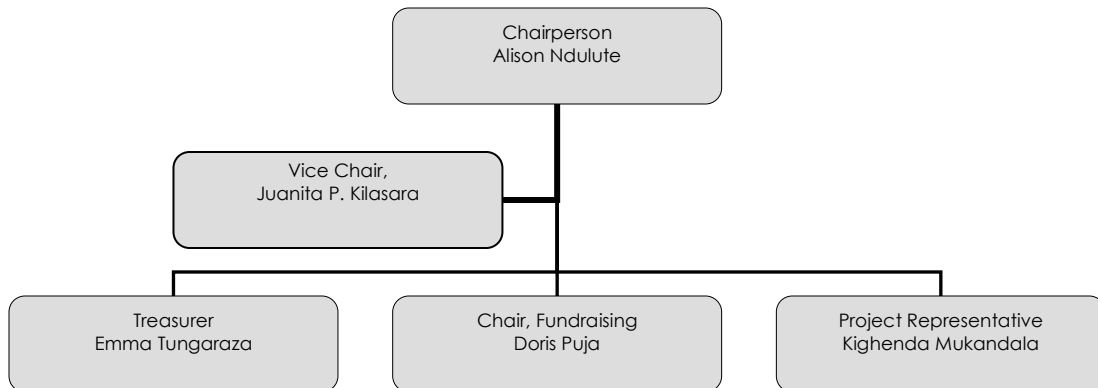
Itemized Expenses		
	Description of Work	Anticipated Costs
Phase One	Evaluation and drawings	Tshs. 350,000
Phase Two	Wiring the Administration block (materials and labor)	Tshs. 1,708,690
Phase Three	Finishing, covering outlets etc (materials and labor)	Tshs.1,229,800
Phase Four	TanESCO work-installing electricity at the Administration block	Tshs.1, 761,605
	Total Cost – (A)	Tshs 5,050,095.00 (Approx. \$5000.00)

Funds Available for Umeme (Electricity) Project (in Approx US dollar)		
	Cash Received	Cash on Hand
April 2006	From BBQ Tanzania	\$450
November, 2007	Alumni donations	\$50
December, 2007	Individual donations (alumni and friends)	\$1,800
	Total Cash Received –(B)	\$2300.00
Expected Funds (unpaid pledges) for Umeme (Electricity) Project (in Approx US dollar)		
	Pledges Description	Pledges
By December 30, 2007	Pledges from alumni BBQ Tanzania	\$450
By December 31, 2007	Individual pledges (alumni and friends)	\$800
By January 30, 2007	Pledges from alumni and friends	\$600
	Total in Pledges-(C)	\$1,850.00

AMOUNT REQUESTED		
Total Cost minus Cash on hand \$5,000 - \$2,350 = \$2650		
Needed By <u>December 31st</u> To cover Phase 2 and 3 mentioned Timetable above	New contributions and pledges	\$1,000
Needed by <u>January 31st</u> to cover TanESCO estimates	New Contributions and pledges	\$1,650

VIII. Key Personnel

The key personnel who will be responsible for completion of the project are as shown below.



IX. Evaluation

Progress will be evaluated at the end of each phase and will be communicated by email to the key personnel at that time.

At the end of the project a representative of the school, the Head teacher and the alumni Project Representative, will evaluate the completion and communicate the result to the other key personnel. The key personnel will then communicate the completion of the project to the community of alumni.

X. Endorsements

MAO has received support and endorsements for the project from the following:

- All alumni and members of MAO
- The Head teacher Ms. Pendo Kujerua
- The Mlimani Primary school committee which includes parents of current students
- Friends and relatives of alumni

XI. Next Steps

Our request to you is:

- **Next step 1:** We would like to ask for your donation in support of phase 2 to 4 of the Umeme (Electricity) Project
- **Next step 2:** If you could help us spread the word to others who might be willing to support the efforts of MAO that will be greatly appreciated
- **Next step 3:** We would like you views, ideas and/or suggestions for this project or future projects for Mlimani Primary School

XII. Appendix

Attached please find a copy of the estimated cost for the materials and services of the Electrical Contractor.

QUOTATION FOR THE ELECTRICAL WORKS FOR WIRING ADMINISTRATIVE BLOCK AT MLIMANI PRIMARY SCHOOL (By I. Daniel Kitutu)

NO	DESCRIPTION	QUANTITY	UNIT PRICE	COST
1.	TPN Fused Main Isolator 63A	1	220,000	220,000
2.	TPN Main switch 63A.with MCB	1	171,000	171,000
3.	TPN – RCD 63A.	1	55,000	55,000
4.	Copper Earth road	1	51,000	51,000
5.	Twin switch sockets 13A	9	6,100	54,900
6.	Fluorescent light fittings 4- Complete with tubes (Philips)	24	15,000	360,000
7.	Plastic square boxes	15	1,500	22,500
8.	Twin boxes galvanized heavy- duty	7	2,500	17,500
9.	Square covers	7	150	1050
10.	Flush switches 1 ×1	5	1,500	7,500
11.	Flush Switched 2 ×1	1	2,500	2,500
12.	P.V.C conduits ¾	60	1200	72,000
13.	Cable single core 1.5mm ² Red, Black & Green	13 Rolls	26,500	344,500
14.	Cables single core 2.5mm ² Red ,Black & Green	15 Rolls	43,000	645,000
15.	P.V.C connectors 15A	2 Bars	370	740
16.	P.V.C cable single core 16mm ² Red + Black	6 m	6,000	36,000
17.	Wire nails 2½	1 kg	1,200	1,200
18.	Brass wood screws 1½ ×7	1 Ptk	1800	1800
19.	Cement	1 Bag	18,000	18,000
20.	P.V.C cable single core 10mm ² Green/ yellow for earthing	8 m	4,500	36,000
21.	Plastic round boxes 4ways	4	350	1400
22.	Lorry of sand	1 trip	60,000	60,000
23.	Nil		10,000	10,000
	Subtotal			2,189,590
	Labor charge			758,900
	Grand Total			2,948,490