

**RESEARCH QUESTIONS ADMINISTERED
AT MKUDI AND KILIMAEWA AREAS,NYAMANORO WARD**

Please tick your answer in the appropriate box

1. Your age _____

- | | |
|------------------------|--------------------------|
| (a) Less than 18 years | <input type="checkbox"/> |
| (b) 19 – 25 years | <input type="checkbox"/> |
| (c) 26 – 35 | <input type="checkbox"/> |
| (d) 35 – 45 | <input type="checkbox"/> |
| (e) 46 – 55 | <input type="checkbox"/> |
| (f) Above 55 yrs | <input type="checkbox"/> |

2. Marital Status:

- | | |
|----------------------|--------------------------|
| (a) Married | <input type="checkbox"/> |
| (b) Un Married | <input type="checkbox"/> |
| (c) Divorced | <input type="checkbox"/> |
| (d) Widows / Widower | <input type="checkbox"/> |

3. Sex:

- | | |
|------------|--------------------------|
| (a) Male | <input type="checkbox"/> |
| (b) Female | <input type="checkbox"/> |

4. Do you have any water connection at your home?

(a) Yes

(b) No.

5.If your answer above is no,where do you get water?

(a) Neighboring households

(b) Vendors

(c) Own reserve tank

6. How do you consider the status of water shortage at Mkudi/Kilimahewa?

(a)Acute

(b)Moderate

7.What is the distance to where you get water?:

(a) Within 400 meters

(b) Beyond 400 meters

8.Do you support construction of water tank in this area?

a. YES

b. NO

c. Don't know

9.If your answer above is yes ,who do you prefer to establish and run the project?

(a) MWAUWASA

(b) CBO MMK

(c) Individuals

10.If the project is to take off,do you agree to be trained?

(a)YES

(b)NO

(c) Don't know

10.On completion,would you prefer the project to be handled over to MWAUWASA?

(a)YES

(b)NO

(c)Don't know

RESEARCH FINDINGS.

4:1 Number of respondents

Table 1: Statistics

		status of water shortage	agree CBO to provide supply	hand over to MWAU WASA	agree CBO members to be trained	agree to support construction	family size of respondents
N	Valid	128	128	128	128	128	128
	Missing	0	0	0	0	0	0
Mean							1.53
Median							1.00
Mode							1
Std. Deviation							.65
Variance							.42
Range							2
Sum							196
Percentiles	25						1.00
	50						1.00

A sample size of 128 residents was selected using random sampling from 9 hamlets(mitaa).All of them responded well at 100%

Table II:Status of Water availability

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Acute	94	73.4	73.4	73.4
	Moderate	34	26.6	26.6	100.0
	Total	128	100.0	100.0	

73.4% of respondents agreed that there is acute shortage of water at Mkudi and Kilimahewa as they are not supplied with water at a near distance.

Table III:Agree CBO to provide supply

		Frequen cy	Percent	Valid Percent	Cumulati ve Percent
Valid	YES	105	82.0	82.0	82.0
	NO	19	14.8	14.8	96.9
	DON'T KNOW	4	3.1	3.1	100.0
	Total	128	100.0	100.0	

Given alternative suppliers of water at the areas respondents were asked whether they liked the CBO Maendeleo Mkudi Kilimahewa to go on the project or providers like the Mwanza Urban Water and Sewarage Authority (MWAUWASA),other individuals should provide water.82% of respondents liked the CBO to provide water as is within the community and will be owned by the whole community.14.8% liked to see water provided by other groups/individuals.

Table IV:Agree CBO and Community members to be trained

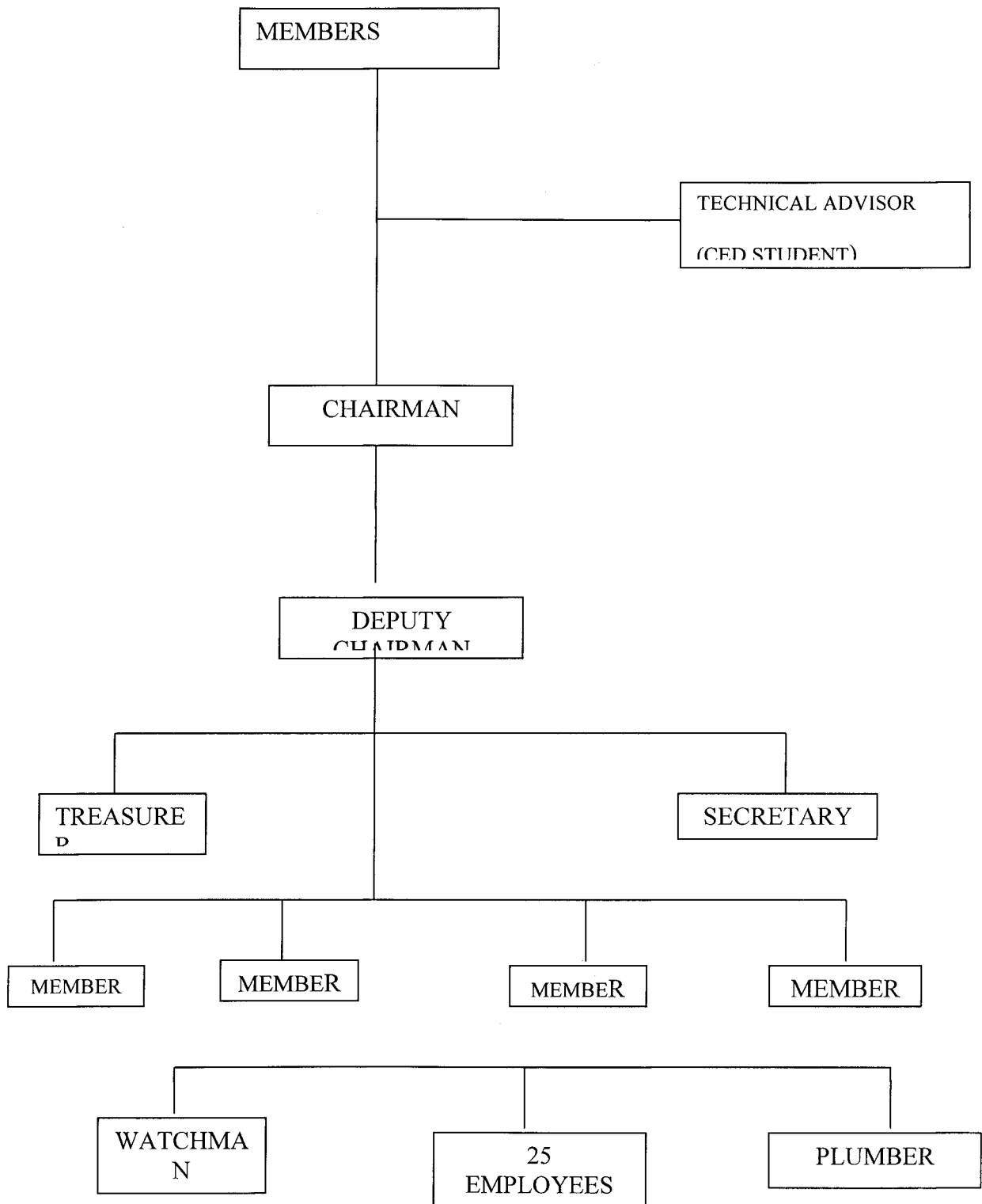
		Frequen cy	Percent	Valid Percent	Cumulati ve Percent
Valid	YES	104	81.3	81.3	81.3
	NO	20	15.6	15.6	96.9
	DON'T KNOW	4	3.1	3.1	100.0
	Total	128	100.0	100.0	

As a means of building capacity to CBO and community members in managing and sustaining the project ,respondents were asked whether they supported the idea of being trained.81.3% agreed,while 15.6% of the respondents disagreed,and 3.1% were undecided.

In summary, results showed that the status of clean and safe water at Mkudi and Kilimahewa areas is acute and that residents do support the project to be run by the CBO Maendeleo Mkudi Kilimahewa.

The respondents agree that training is necessary to community members to ensure sustainability of the project.

3. ORGANIZATIONAL CHART



4. JOB DESCRIPTION

1. CHAIRMAN

- ❖ Head of all CBO operations
- ❖ Reports to the Members General meeting
- ❖ Overall supervisor of daily project activities
- ❖ Accounting officer of the organization
- ❖ Spokesman of the CBO
- ❖ Chairs all CBO meetings

2. Deputy Chairman

- ❖ Performs all duties when delegated by the Chairman

3. Treasurer

- ❖ Writing and keeping accounting records
- ❖ Receipting and banking CBO monies
- ❖ Effecting Payments
- ❖ Preparation of annual and monthly financial reports
- ❖ Preparation of annual estimates

4. Secretary/ deputy secretary

- ❖ Reports to the chairman
- ❖ Coordinating CBO project activities
- ❖ Writing and keeping minutes of CBO meetings

- ❖ Convening CBO meetings

5. CBO Members

- ❖ Selling shop goods
- ❖ Refuse collection supervisors

6. Watchman

- ❖ Report to the secretary/deputy secretary
- ❖ Ensuring that CBO properties are well secured

7. Technical Advisor (MSc (CED) student

- Providing advice and technical support to members general meeting and Chairman

PROJECT BUDGET

20,000 GALLS STONES – MASONRY TANK OR 100,000 LTS TANK

S/NO	ACTIVITY	QUANTITY	UNIT	UNIT COST (TSHS)	TOTAL (TSHS)
1	Writing project proposal for Soliciting funds from financiers	1		-	-
2	Training to CBO members on project Management skills	8	Persons	20,000/=	160,000/=
3	Training to 4 water user Groups on project management	40	Persons	6,000/=	240,000/=
4	Purchasing building materials and equipment	15	Pcs	1,200/=	18,000/=
	➤ Wood cypress 2" x 4"	15	Pcs	2,000/=	30,000/=
	➤ Wood cypress 1" x 6"	15	Pcs	1,500/=	22,500/=
	➤ Kudu rope	5	Roll	2,000/=	10,000/=
	➤ Nails 2", 4" & 5"	20	Lot	800/=	16,000/=
	➤ Stones	30	Trips	30,000/=	900,000/=
	➤ Cement	300	Bags	12,000/=	3,600,000/=
	➤ Sand	25	Trips	30,000/=	750,000/=
	➤ Aggregates	20	Truos	50,000/=	1,000,000/=
	➤ R. I. Bars 16mm	80	Pcs	10,000/=	800,000/=
	➤ R.I. Bars 12mm	100	Pcs	6,000/=	600,000/=
	➤ R.I Bars 10mm	60	Pcs	5,000/=	300,000/=
	➤ Binding wire	80	Pcs	1,000/=	80,000/=
	➤ X.D.M. No 10	20	Pcs	5,000/=	100,000/=
	➤ Wood cypress 1" x 10"	100	Pcs	3,000/=	300,000/=
	➤ Wood cypress 2" x 3"	50	Pcs	1,500/=	75,000/=
	➤ Nails 3", 4", 5"	50	Lot	800/=	40,000/=
	➤ Gum poles	300	Pcs	1,500/=	450,000/=
	➤ Pipes GS 4" (for inlet & out let wash and over flow).	10	Pcs	80,000/=	800,000/=
	➤ Pipes Gs 2" (for outside ladder)	6	Pcs	25,000/=	150,000/=

	➤ Pipe Gs 1½ (for inside ladder)	6	Pcs	15,000/=	60,000/=
	➤ Manhole cover 24" x 24"	2	Pcs	40,000/=	60,000/=
	➤ Ventilator 4'	2	Pcs	30,000/=	60,000/=
	➤ Stainer 4"	2	Pcs	30,000/=	60,000/=
	➤ Gate valve 4'	4	Pcs	25,000/=	100,000/=
	➤ Nipple 4'	12	Pcs	15,000/=	180,000/=
	➤ Elbow 6"	12	Pcs	15,000/=	180,000/=
	➤ Union 4"	6	Pcs	25,000/=	150,000/=
	➤ Tee 6"	6	Pcs	15,000/=	90,000/=
	➤ Flange 6"	12	Pcs	20,000/=	240,000/=
	➤ 4 Masons	60	days	3,000/=	720,000/=
	➤ 4 Carpenters	45	days	3,000/=	540,000/=
	➤ 4 Plumbers	45	days	3,000/=	540,000/=
	➤ 12 Labourers	60	days	1,500/=	1,080,000/=
	➤ Buying booster machine				67,100,000/=
	➤ Electrical installation				500,000/=
	➤ Operating costs and other incidentals 10" item 4				2,160,150/=
5	➤ Monitoring				1,500,000/=
6	➤ Evaluation				500,000/=
	GRAND TOTAL				86,261,650/=

PROJECT TITLE:

CONSTRUCTION OF A PROPOSED WATER
TANK
AT NYAMANORO WARD, MWANZA-A CASE
OF MAENDELEO
MKUDI-KILIMAHWEA

PRESENTED BY:
LUKAWA, LEONARD E.
REG. NO. 617525
MWANZA CENTRE

Introduction

- Maendeleo Mkudi-Kilimahewa is a CBO found in hilly squatter slopes in Nyamanoro ward in Mwanza City. CBO has 8 members.
- The population of Mkudi and Kilimahewa areas is estimated at 2,106 people in a ward of 42,731 people.
- The areas are unplanned (squatters) on the slopes of rocky hillsides that lack basic social services. Piped water is a major problem as MUWASA have been unable to provide piped water due to topographical factors.

Introduction(contd .)

- The goal of this project is to improve the social and economic conditions of Mkudi and Kilimahewa community members through establishing a water supply scheme
- CBO members proposed to construct a masonry water tank storing 100 cub.m

Introduction(contd .)

- Project objectives :
 - To have a water supply scheme established by Aug. 2007 in order to give access for piped water to over 2000 residents of Mkudi and Kilimahewa
 - To strengthen the capacity of community members in supporting the water supply by training 4 water user groups by Oct. 2007

Needs Assessment

Methods:

- .Group meetings
- .Observation
- .Interviews
- .Review of reports-
MCC,MWAUWASA,MWSP
- .Ibungilo Water Project
- Policy Review

Problem Statement

- Poor social services in squatter areas of Mkudi and Kilimaheva
- Existence of unplanned(unsurveyed) areas in Mwanza City as 40-60% of housing units are squatters.
- Mwanza City has highest growth rate in Africa of 7% p.a(UN-HABITAT).

Research Methodology

The purpose of conducting the survey was to assess community willingness and attitudes in supporting the construction of water tank project.

The survey was characterized by structured questionnaires,in person interviews, and focus group discussion.

There were 10 questions that were centred at the project objectives of establishing the water supply scheme as well as

Research Methodology(cont d.)

strengthening the capacity of community members in sustaining the project.

-survey was cross-sectional and descriptive

- questionnaires,observation,interview and focus group discussion were used

Research Methodology(cont d.)

- Sample size of 128 respondents including 8 CBO members and other stakeholders to the project.
- Respondents were selected using purposive and simple random sampling
- SPSS was used to analyze data
- 82% of respondents do support water tank construction.

Project Implementation, Mon. & Evaluation.

- Already a site for the proposed construction is available at Mkudi
- Bills of Quantities were prepared by the City Water Engineer and put the total project cost at Tshs. 86,261,650/= for purchase of machinery, water pipes, construction, booster house.
- Project write up ready and used for soliciting funds to financiers.

Project Implementation, Mon. & Evaluation(Contd.)

- Monitoring process will include field visits, monthly review meetings, reports and on site training.
- Evaluation of this project will be done periodically. Internal evaluation will be done by project leadership. External evaluation will be done by other stakeholders like the Government and financiers of funds and other interested parties.

Sustainability

- Community participated fully in identifying needs-prioritizing water shortage
- Community and CBO members will be well sensitized to have sense of ownership(Formation of water user groups)
- Revenues to be generated from the project will far outstrip operational costs.

Recommendation

- Strengthening and formation of water User Groups at all levels will form the basis for sustainability, autonomy, transparency, and accountability in water supply management
- All stakeholders to the project should be coordinated to make the project a success.

Conclusion

The project goals and objectives well address the problems facing CBO and Community members on the need to have improved quality of social services, mainly water at Mkudi and Kilimahewa areas.

The project is viable and in line with the National Water Policy as it supplements government efforts to provide clean water.

It has all the potentials to succeed.

THANK YOU FOR

LISTENING

ISAMILO SOUATTER UPGRADING – MWANZA CITY *Rusholice*

