

Proposed:
**Setting Aid and Technical Cooperation Partnership to
Poor Communities in Uganda**

PROJECT : SAFE WATER

DEVELOPMENT FUNDING SUBMISSION

MUKONO WOMENS AIDS TASKFORCE (MWATF)
P.O. Box 201, Mukono - Uganda
Telephone: +256-772-903649, Email: mwatf@yahoo.com
Attn: Namulondo Sarah, Executive Director

LOCATION : 1-KIBOGA, 2-MUKONO, 3-WAKISO
(DISTRICTS)

ASSORTED PROJECT OVERVIEW

FIRST PHASE : TOTAL PROJECT COST : UGX 961,780,000
\$US. 549,589

Water Project: DESIGNS:- MUKONO District, Central Uganda

Village -

Name:

People: 805 Residents in 160 Residences (Homesteads)

Houses:

Project Description

- Design will accommodate growth to 2415 residents
- 32 residences are grouped in 2 sectors
- There will be individual residential water stands
- 160 latrines will be required
- Watershed will be (10 acres)
- There will be 4 springs delivering 4 x Water needed
- There will be 4 storage Tanks, one for each sector
- Both conduction line and distribution network exceed 7 kms, 14kms total!!! Huge!
- Terrain is rugged & varying air pressure vents will be required
- 6 underground ravine crossings, and two 34m bridges
- Spring and surrounding Land have been secured Legally
- Villagers have made necessary commitments

Project: WAKISO District –central Uganda

Village

Name:

People: 152 residents in 34 residences

Houses:

Project Description:

- Access beyond main road is by development village path on foot for 15km (9miles)
- No social services in the village. Some children go to school in nearby community, 5 – 7 kilometers away.
- Village is without electricity
- 200-600 meters between residences
- Conduction line: Main Sector; 1373 meters; 132 meters;
- Distribution network: Main Sector; 7997 meters; Ortega Sector; 928 meters
- Residential outlets: Main Sector, 29; 5
- Latrine: 29 new double thickness latrines installed & 4 Latrines to be built with double thickness

Project: KIBOGA District
Village: KIBOGA District
Name:
Residents: 186
Houses: 45

Project Description:

- Spring flow rate comfortably exceeds requirements for residential outlets
- Transmission line = 400 meters
- Population & residences very dispersed
- Very long distribution network = 8.6km due to dispersal of residences
- New road provides year round access
- Village has school serving it & surrounding villages
- Village has Protestant chapel

Project Wakiso District
Village Wakiso District
Name:
Residents: 125
Houses: 35

Project Description:

- Spring flow are comfortably exceeds requirements for residential outlets
- Transmission line = >1km
- Village residences very scattered
- Long distribution network for number of residences due to dispersal = >4km
- Village has school serving 107 students & Christian chapel

Project: Wakiso District
Village: Wakiso District
Name:
People: 700
Houses: 108

Project Description

- ~8km conduction pipe
- ~8km distribution network
- Latrines provided at each property
- Spring provides 2.171/Sec. good for 1220 persons
- 116 outlets installed
- Tank = 28 cubic meters
- Community very poor and 70% are illiterate

BACKGROUND / INTRODUCTION

MUKONO WOMEN'S AIDS TASK FORCE (MWATF) is a women –based development organization based in maternity village in Mukono Town Council in Mukono District in central Uganda, its offices are at Mothers Union Buildings, Mukono Town Council, plot 19 Albert Cook Road.

The organization was established in 27th October 1997 MWATF helps in empowering the following :

- (a) People Living with HIV/AIDS (PLWHAS) , especially women
- (b) Women who are single mothers
- (c) Orphans and Vulnerable Children
- (d) Elderly People and needy Women
- &
- (e) Promoting Environment protection

The major aim is to improve and develop the standards of living spiritually, socially, economically and culturally.

To achieve the above , the women meet regularly to share ideas and life experiences advise, strengthen and counsel each other contribute and meet financial needs, utilize the technical knowledge skills and talents they have to start and run projects so far embarked on.

MWATF stated as a voluntary group of few people with the same view to help the needy and educate the masses about the dangers of HIV/AIDS and environment protection. It originated when the outcry when Namulondo Sarah, the Founder , got inspired to impact the community lives , with the hearts to ministers to call upon all people to voluntarily come and sensitize HIV/AIDS and Gender issue programmes both in rural and urban areas of Mukono District. ***It first worked with religious leaders to distribute basics to orphans, PLWHAS single mothers and fathers, vulnerable children and women, and people with disability PWD.***

FOUNDER OF MWATF

1. Namulondo Sarah Asumini

NAMES OF LEADERS

- | | | |
|----------------------------|---|-------------------|
| 1. Namusisi Praxeda | - | Treasurer |
| 2. Ndagire Esther | - | General Secretary |
| 3. Namulondo Aisha Sarah | - | Chairperson |
| 4. Dr. Akol Angela | - | Media Advisor |
| 5. Mullira James | - | Legal Advisor |
| 6. Namulondo Sarah Asumini | - | Founder |

- | | | | |
|----|-------------------|---|------------------|
| 7. | Nantumbwe Kevin | - | Mobilizer |
| 8. | Ntambi Sarah | - | Vice Chairperson |
| 9. | Nabwami Catherine | - | Environmentalist |

STAFF MEMBERS OF MWATF

- | | | | |
|----|-------------------------|---|--------------------|
| 1. | Namulondo Sarah Asumini | - | Executive Director |
| 2. | Okullu-Ayor | - | -Coordinator |
| 3. | Namulwanyi Eva | - | Secretary Office |
| 4. | Katongole Christopher | - | Accountant |
| 5. | Mulondo Bashir | - | Field Supervisor |

MWATF's MISSION

MWATF seeks to strengthen the capacity of women at the grassroot and national levels to influence the shape of economic policy for women.

MWATF's VISION

MWATF works towards combating HIV/AIDS,STDS, Malaria, Cancer and other diseases that are the man causes of poverty and hunger and then to ensure environmental sustainability

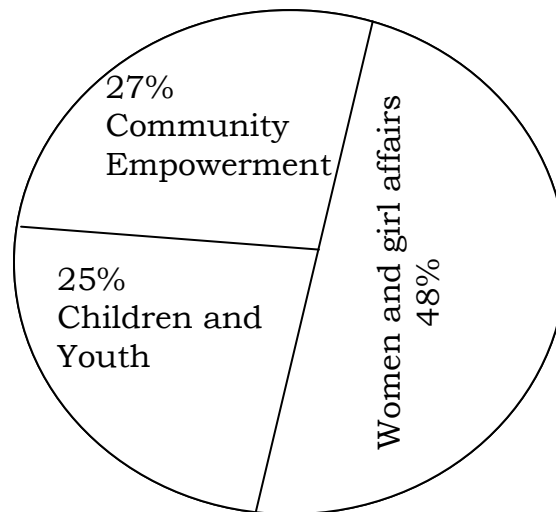
OBJECTIVES

- Be a Forum for analysis, discussion and dissemination of information about existing HIV/AIDS, gender issues, Malaria, STDs and other diseases, environmental sustainability and other related economic policies.
- Strengthen through training and research, the capacity of women to lobby and influence policies.
- Develop women's lobbying and advocacy and analytical skills and to ensure that women's needs and concerns are heard.
- To link up groups network and the individual to share experience on the dangers of HIV/AIDS, gender issues, hunger and poverty.
- To prevent the spread of HIV/AIDS
- To improve adult literacy education
- To establish a basis over which widows, People Living With HIV/AIDS(PLWHAS), single mothers, orphans,People With Disabilities (PWDs) & Youth can attain a higher degree of reliance
- To counsel and help those already diagnosed HIV/AIDS and cancer.

MAJOR ACTIVITIES

- Lobbying and advocacy
- Guidance and Counseling
- Training women and youth in group formation

- Sustainable agriculture
- Community mobilization for development programmes
- Clean water and sanitation facilities development
- Capacity building training workshops
- Condom distribution and education
- Research and information dissemination
- Sensitization seminar through drama and film shows
- Out reaches to special groups like adolescents, sex workers and needy women.
- Gender issues programmes
- Reproductive health programmes
- Home visiting
- Tree planting and nursery gardens
- Construction of energy saving stoves (Rorena)
- Economical and social empowerment.



ACHIEVEMENTS OF MWATF

.We have managed to sensitize communities about Clean water and sanitation Programmes, established Protected Water-Wells, cleaning water Sources, and advocated for and drilling of more than 20 Boreholes in Mukono District.

- We managed to train 80 women groups and 20 youth groups in group formation in Mukono District.
- We organized 12 training workshops and 15 seminars
- We distributed 200 blankets 200 mattresses to orphans and PLWHAS.
- We have managed to give counseling services to about 800 people and 300 were children since we started.
- We planted a 10 acre forest in Kyampisi Sub-county.

- We have constructed 300 saving Energy Stoves and trained 120 women how to make them in 14 sub-counties of Mukono.
- We managed to participate in different conferences and workshops with support from Global fund for Women (GFW)

CHALLENGES FACING MWATF's PROGRAMMES

- Stigmatization and discrimination of women by society.
- Death of members, which put stress on executives and members.
- Inadequate funding that leaves many vulnerable MWATF personnel to quit workforce for greener pastures
- Communication barriers and low literacy levels of the people which make them resistant to change new ideas.
- Lack of transport facilities.
- Lack of reliable economic base that should generate incomes to finance MWATF's community activities.
- Poverty among community members
- Corruption in government and Donor agencies in Uganda
- ***Weakness of Donor Communities whose Members come into the country while Neutral, once they are established they become Politically Controlled.***

MWATF's FUTURE PLANS

1. Construction of a Health Centre IV and Counseling Centre establishment in Wakiso District targeting, 5000 users monthly
2. Vocational Training cCenter construction
3. Garbage collection and recycling

IMPORTANCE OF HEALTH CENTRE

- (a) MWATF is under taking to build this centre so as to take high degree of operation within its own facilities which allows efficient resources utilization with strict management then currently possible if using partner's facilities often denied access to vital information on accountability and performances.
- (b) Women have been known to be uneasy to respond to counseling being done at MWATF's offices often crowded with people, thus no privacy; the cater will double as women's social activities center whereby they meet other women, youth, PWD, PLWHAs share experiences, seeking guidance and counseling on important life issues and development opportunities and the MWATF centre will create jobs.

1.0 WATER PROBLEMS & OPPROTUNITY – A GLOBAL BACK DROP

Of the more than six billion people in the World – according to the United Nations study (Source: UNDP Website, UN Department of Public Information, “Framework for Action on Water and Sanitation: prepared for World Summit on Sustainable Development), at least 1.2 billion do not have access to safe drinking water. More than 2.4 billion people do not have proper sanitation facilities.

- (i) Dirty Water is deadly. Yet more than 2.2 million people, primarily in developing countries, die each year from diseases by polluted water and filthy sanitary conditions.
- (ii) Everyday, diahorreal diseases cause some 6,000 deaths, mostly among children under 5 years.
- (iii) More than 200 times of human waste are dumped daily into the world’s rivers.
- (iv) While water covers 70% of the earth’s surface, 97.5 is salt water.
- (v) Although the remaining water is fresh water, three-quarters of that is frozen in ice caps.
- (vi) By 2025, nearly two-thirds of the world’s population will live in water stressed regions.
- (vii) In the next two decades, water use by humans will increase by 40% and 17% more water will be needed to feed increasing population in developing countries.
- (viii) Over the last 30 years, the share of rural families with access to safe water rose from 10% to 60%.
- (ix) Presently, 70% of all available fresh water is used for agriculture, but because of inefficient irrigation system, 60% of this water is lost.

2.0 UGANDA WATER INDUSTRY CONCERNS

Urban water system, like possibly exists in many urban centers of third world, is under tremendous pressure for meeting the explosive consumer demand. Consequently, many people, recognizing the poor utilities management and inadequacy in Uganda, have resorted to taking water that is unclean or getting their supply of water illegally because they have no choice in the matter. Of the Kampala City’s Low – income population, for instance, more than 70% of the water supply is got through informal ways, such as by paying the linemen and local officials to get connections, construct lines, maintain and operate systems for water supply. Uganda’s water supply system currently favour most in bulk consumers like industrial users than retail users. The proposed venture is to bring key stakeholders together each time and discuss essential issues to meet the vested interests of various groups. As a local

partner this will involve participatory decision-making at all phases of project development, implementation and monitoring.

3.0 STRATEGIC PERSONNELS IN PLACE

- 3.1 Mr. Sserunjogi..... (retired water Engineer; worked with the National Water and Sewerage Corporation, a parastatal Organisation for 30 years)
- 3.2 Mrs. ...Kafuko..... (has 20 years as Plumbing Technician and Contractor)
- 3.3 Mr. Egwang P.....Has 20 years of plumbing Experience) throughout Uganda.
- 3.4 Mr. Kinto M..... Technical coordinator has 10 years experience in Construction Industry.
- 3.5 Mrs. ...Kenneth Wasswa..... Has eight years experience in Store-Keeping
- 3.6 Mrs.Lwanga..... Treasurer, has 10 years experience in Accounting and 3 years experience in cleaning and forwarding.
- 3.7 Miss.a rural economist, has ten years in the field World Bank funded social research.
- 3.8 Mrs.KABUGO Joyce..... Home improvement coordinator has 7 years experience as elected women counselor.
- 3.9 Mr. ...KIGOZI Eliphaz..... electrician, has 9 years in Industrial repairs.
- 3.10 Mr. ...Mivule james..... Heating, refrigeration and ventilation Technician has 15 years in the fishing industry.
- 3.11 Okullu-Ayor-International development Consultant (20 years experience)

4.0 PROPOSED PUMPING STATIONS TECHNICAL DATA FOR THE WATER SUPPLY PROJECT.

- (i) Hydrological Survey & Geological Data collection
- (ii) Bore hole drilling Activities
- (iii) Submersible Pump Installations
- (iv) Water storage PVC tank (10,000 Litres capacity)
- (v) PVC pipes Fitting Connections
- (vi) Power Extension (Phase?.....with procedure
- (vii) Testing (Pumping Test)
- (viii) Operation Synchronizing
- (ix) Maintenance, routine services and protection of the Installation facilities.

5.0 PRODUCTION PROCESS DESCRIPTION

In short, safe drinking water shall be pumped from the ground using the installation, directed to the tank from where it will be distributed to residents from one or two water kiosks within or near the pumping

station each 20 litres jerrycan to be charged Uganda shillings Fifty (UGX 50) to help defray cost of pumping as well as electricity bills including breakages repair; currently local water sellers are charging (UGX 300 per 20litres/jerricans tanks) the project will be supported by community.

BENEFITS ANTICIPATED: Better quality water availability and reliability will improve the economic and eliminate deaths of under 5 year children from gastro intestinal disease due to pollute water conservation.

GETTING AN OPPORTUNITY TO DRILL WATER ON COMPOUND OR PIECE OF LAND USING MWATF's KNOWLEDGE, EXPERIENCE AND TECHNOLOGIES UN-MATCH

- Homesteads
- Schools
- ORPHANAGES CENTERS and Childrens homes.
- Farms (Irrigation schemes)
- Factories
- Institutional settlements
- Small Towns
- Trading centres
- Market places

DEEP WELL WATER SYSTEM CONSTRUCTION INVOLVES THE FOLLOWING

1. Hydrological survey: Finding is with a good Water Table and the Depth of the Water Table
2. Excavation of over burdened ground
3. Excavation of hard rock
4. Gravel and slate installation
5. well development (Walling)
6. 100mm Concrete Slab cover
7. Test Pumping
8. Supply and fitting Submersible Water Pump
9. Installation of Pressure Pipes
10. Supply and fitting Plumbing fitting
11. Supply and fixing of crest Water Tank
12. Supply and fitting of Tank Stand support
13. Supply and fitting of the Extension Pipes UPVC pipes, etc

BUDGET EXPLANATION

Exchange Rate Variable: \$US 1 = UGANDA Shillings 1,750

(a)	Three Districts for Water Projects are:		
	1.	<i>Kiboga District with 100 Ferro -Cement Tanks target</i>	
	2.	<i>Wakiso District with 200 Ferro -Cement Tanks</i>	
	3.	<i>Mukono District with 300 Ferro -Cement Tanks</i>	
		<i>Totaling 600 Ferro- Cement Tanks</i>	
		<i>Each Ferro- Cement Tank (FCT) costs UGX 950,000</i>	
		<i>X 600 = UGX 570,000,000 (\$US 325,714)</i>	
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(b)	Administrative costs for 7 (Seven) Persons namely (for 12 months)		
	Executive Director salary	UGX 1,500,000 x 12 -	18,000,000
	Project Coordinator	1,200,000 x 12 -	14,000,000
	Accountant	800,000 x 12 -	9,600,000
	Field Coordinators	1,000,000 x 12 -	12,000,000
	Secretary	500,000 x 12 -	6,000,000
	Security Guard	200,000 x 12 -	2,400,000
	Driver	300,000 x 12 -	3,600,000
	TOTAL SALARY	UGX 66,000,000	
(c)	MACHINERY, EQUIPMENT & SUPPLY COSTS		
	Stationery Stock	-	UGX 4,000,000
	Computer sets 2 sets @ 2,500,000 x2	-	5,000,000
	Photocopier	-	5,000,000
	Project Vehicle Procurement (Double Cabin Pick-up Toyota Hilux Truck 4x4)	-	85,000,000
	Project Motor Cycles @ UGX 6,000,000x2	=	12,000,000
	Bicycles (1 unit)	-	6,000,000
	Fuel cost @ 3000 per litre x 50ltrs x30 Days x 12 Months	-	54,000,000
	External Auditors & Consultant Fees	-	6,000,000
	Sub-totaling	:	UGX 165,800,000
			\$US 94,742
	TOTAL PROJECT COSTS	:	UGX 961,780,000
			\$US. 549,589
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SERVICES BILLING INFORMATION AGGREGATE

Water Assets Installation Costs

The Budgeting Framework for Quality Services Provision

STANDARD PROJECT COST PER BENEFICIARY/CUSTOMER CATEGORY

	PRICE: Shs
Type -i- Homesteads	Uganda Shs. 8-10 millions \$US (\$4,571 - \$5,714)
Type -ii- Schools	Uganda Shs. 12 – 20 millions \$US (\$ 6,857 - \$ 11,429)
Type -iii- Farms (Irrigation System)	Uganda Shs. 15 – 25 millions \$US (\$8,571 - \$14,286)
Type -iv- Institutional	Uganda Shs. 100 – 150 millions \$US (\$14,857 - \$20,000)
Type -v- Small Town	Uganda Shs. 100 – 150 millions \$US (\$57,143 - \$ 85,714)
Type -vi- Trading Centre	Uganda Shs. 50-70 millions \$US (\$28,571 - \$40,000)
Type -vii- Market Places	Uganda Shs. 15 – 20 millions \$US (\$8,571 - \$ 11,429)

SERVICE TERMS AND COMMISSION

Work commences upon payment of $\frac{1}{4}$ - $\frac{1}{2}$ the contract project price in order to facilitate effective resources mobilization for the work, as well as cover the costs of to and from site travel; average duration of project is 4 weeks (one month).

TECHNICAL TEAM

	Name	Tasks	Qualification	Exp.
1.		Technical Director & Advisor	Water Engineering Degree	10 years
2.	Engineer	Technical Supervisor	Higher Diploma Engineer	7 years
3.		Quality Surveyor	Diploma (Geodesy)	5 years
4.		Civil Engineer	Diploma	7 years
5.		Senior Plumber	Diploma Water Engineer	5 years

BUDGET HIGHLIT

CLEAN WATER FACILITIES DEVELOPMENT

No.	Item Particulars	Unit Cost \$US	Quantity	Amount US\$	Comment
1.	Hydrological survey	500	1		One day
2.	Drillers contracting				
3.	Drilling overburden 12" bit				
4.	Drilling Hard Rock (6") bit				
5.	UPVC screen "8" casings				
6.	UPVC screen "8" casings				
7.	Grave park Installation				
8.	Cement Grouting				

9.	Well Development				
10.	Test Pumping				
11.	Installation & Pump removal				
12.	Pumping and monitoring Drew down				
13.	Monitoring and Recovery				
14.	Water quality analysis				
15.	Drilling supervision				
16.	SUB TOTAL	US\$9,000		US\$9,000	Borehole
	VAT 17%				
17.	Tank purchase (10,000)	\$ 3,000	2	\$ 6,000	Piped water Unit
18.	Water pump (Sub-mersible)	\$ 3,000	1	\$ 3,000	
19.	Extension Pipes	\$ 300	Assorted	\$ 300	
20.	Pump Maitenance	\$ 900	Assorted	\$ 900	
21.	Power Generator	& 800	1	\$ 800	

SUPPLY (B)

	UGX	US\$
Tables @ UGX 500,000x10 units	5,500,000	
Chairs @ UGX 15,000x500	750,000	
Tents @ UGX 3,000,000x3	9,000,000	
Public Address System @ 7,500,000	7,500,000	
Generator @ 4,500,000x1	4,500,000	
Projector @ UGX 5,000,000	5,000,000	
Video Camera @ UGX 2,500,000	2,500,000	
Digital Camera@ 900,000x1	900,000	
Contingencies	20,000,000	

CAPACITY BUILDING COSTS:

Training Workshops for Water and Sanitation stakeholders for one year (1 year) – NGOs, CBOs, Health Inspectors, Water Officers, Agriculture Officers, Opinion Leaders, Policy Makers in the 3 Districts.

Number each cost of 100 participants.

Viz: 100 participants x 3 days x 3districts

	UGX	US \$
Meals @ 5000 x 100 x3	1,500,000	
Transport Refund @ 20,000x100x3	6,000,000	
Breakfast @ 2500x100x3		
Venue Hire @ 150,000x3	450,000	
Communication @ 1,500,000	1,500,000	
Mobilization facilitators allows @	1,200,000	

200,000x2x3		
Reporter 40,000 x3x3	360,000	
Media exposure / coverage		
TV 50,000 x 3	150,000	
Radio 20,000 x 3	60,000	
News paper 20,000 x 3	60,000	
4 volunteers in each district @ 50,000 x12 x 12	7,200,000	
1 District @ 12,780,000 x 3	38,340,000	
Training Sub-total	38,340,000	

TOTAL : UGX 79,990,000
: US\$ 45,709

COST ESTIMATES CLEAN WATER FOR FACILITIES PROCUREMENT & INSTALLATION IN UGANDA

(i)	Borehole Drilling Operations: @UGX (Uganda Currency) Per Borehole that yields clean water	19,000,000	(US\$9,600)
(ii)	Shallow Well Construction @ UGX (Uganda shillings)	10,000,000	(US\$5,500)
(iii)	Deep well Construction @ UGX (Uganda shillings)	13,000,000	(US\$6,500)
(iv)	Small Water Treatment Plant @ UGX (Uganda shillings)	600,000,000	(US\$40,000)

MUKONO DISTRICT



COUNTIES LEAD AGENCIES

COUNSELING & COMMUNITY OUTREACH (FIELD WORKERS)

TOTAL NUMBER OF COUNTIES: FOUR (4)



Counties Coordinating Teams & Lead Agencies
Total: 4

BUIKWE

BUVUMA COUNTRY

NAKIFUMA COUNTY

MUKONO COUNTY

SUB-COUNTIES IN BUIKWE COUNTY

SUB-COUNTIES IN BUVUMA COUNTY

SUB-COUNTIES IN NAKISUNGA COUNTY

SUB-COUNTIES IN MUKONO COUNTY



Sub-counties Coordinating Team & Lead Agencies
Total: 28 Teams

- 1. Kawolo
- 2. Najja
- 3. Nyenga
- 4. Ngogwe
- 5. Wakisi
- 6. Najembe
- 7. Ssi
- 8. Buikwe
- 9. Njeru Town Council
- 10. Lugazi Town Council
- 11. Nkokonjeru T.C

- 1. Nairambi
- 2. Bwema
- 3. Bugaya
- 4. Busamuzi
- 5. Koome

- 1. Nabaale
- 2. Kimenyedde
- 3. Nagojje
- 4. Ntunda
- 5. Kasawo
- 6. Namuganga

- 1. Nama
- 2. Goma
- 3. Mukono Town Council
- 4. Nakisunga
- 5. Kyampisi
- 6. Ntenjeru