



The Republic of Uganda

MEMORANDUM OF UNDERSTANDING

BETWEEN

MINISTRY OF WATER AND ENVIRONMENT

AND

**INSTITUTE OF WORK CULTURE AND ETHICS AND ROTARY
CLUB OF KAMPALA WEST**

FOR

**DESIGN AND CONSTRUCTION OF A VALLEY TANK IN LUWEERO
DISTRICT**

December 2018

A handwritten signature in blue ink, appearing to be 'M.S.' or similar.

A handwritten signature in blue ink, appearing to be 'R. M. M.' or similar.

A handwritten signature in blue ink, appearing to be 'M.S.' or similar.

1. PREAMBLE

Aware that, Water is a key strategic resource, vital for sustaining life, promoting development and maintaining the environment, the Ministry of Water and Environment focuses on the construction of strategic water reservoirs for multi-purpose use in irrigation, livestock watering, aquaculture and rural industries.

Noting that, Water contributes directly to socio- economic development of the country. Uganda's quest for economic and social development is therefore increasingly related to water as a vehicle for economic development.

Noting that, the mission of Ministry of Water and Environment (MWE) in the water sector is to manage and develop the water resources of Uganda on an integrated and sustainable manner, so as to secure and provide water of adequate quantity, and quality for all social and economic needs of the present and future generations with the full participation of all stake holders.

Bearing in mind that, the Water and Environment Sector is undergoing reform with the objective to ensure that services are provided and managed with increased performance and cost effectiveness, to decrease the government burden while maintaining the government's commitment to equitable and sustainable provision of services in Uganda.

Noting that, the assessment carried out in the past years revealed that investments in WfP facilities were from the private sector and individual farmers and that lack of construction equipment was a major constraint to investment by individual farmers. Aware that the Government policy is to procure equipment that will be available for hire by farmers and organisations to construct their own private dams and valley dam.

Recognising the Commitment of Government, through the Ministry of Water and Environment to support the private sector/farmers and other organisations by construction of water for production

facilities in the water stressed areas, the Ministry appreciates the opportunity to work with Rotary International through their local clubs in investing in water for production. The Ministry welcomes this opportunity to work with the Rotary Club of Kampala West in implementing a Water for Production facility in Lukaaka Village in Luwero District.

Noting that, in the dry season the Luwero-Nakaseke corridor in which Lukaaka Village is situated experiences longer dry spells and constrains farmers, leading to economic hardships and therefore resort to other survival means such as charcoal burning which impacts adversely on the environment, the Ministry supports the Rotary initiative to construct a large water reservoir in the area for purposes of ensuring security of water during subsequent droughts.

Therefore, the Ministry of Water and Environment agree to partner with the Rotary Club of Kampala West and with the Institute of Work Culture and Ethics to jointly undertake the construction of a valley tank in Lukaaka Village in Luwero District through the provision of technical support and construction equipment.

2. PURPOSE OF THE MoU

This Memorandum of Understanding is signed between the Ministry of Water and Environment and The Rotary Club of Kampala West and the Institute of Work Culture and Ethics for the construction of a valley tank in Lukaaka Village in Luwero District.

The main purpose of this Memorandum of Understanding is to spell out the roles and responsibilities for the construction of a valley tank in Lukaaka Village in Luwero District.

3. ROLES AND RESPONSIBILITIES OF EACH PARTY

a) The Rotary Club of Kampala West

The Rotary Club of Kampala West shall undertake the following in respect of the program for the construction of a valley tank in Lukaaka Village:-

- i. Provide funds to meet the costs of site assessment, design and sitting, the dry rate hire of the equipment, payment of allowances for Machine Operators and Maintenance Engineer and security personnel, fuel for the equipment, Servicing and repair of the equipment while on site and transfer of equipment between sites, construction of watering amenities in concrete/masonry and plumbing works. Estimated cost for construction of one (1) valley dam of 100,000m³ storage capacity is **UShs. 592,955,000**. In liaison with Ministry of Water and Environment carry out joint monitoring of construction of the valley tank.
- ii. Arrange for handover of the constructed facilities to the beneficiary communities.
- iii. Coordinate the implementation of the valley tank construction project.
- iv. Offer appropriate training in operation and maintenance to the water user committees and the beneficiary communities.
- v. Secure the sites throughout the Construction phase

b) Institute of Work Culture and Ethics

- i. Provide land on which the valley tank is to be located.
- ii. Guarantee access to the valley tank
- iii. Protect water sources that feed the valley tank.



c) **Ministry of Water and Environment**

The Ministry of Water and Environment shall undertake the following in supporting the construction of a valley tank in Luwero District:-

- i. Carry out Water resources assessment, technical investigation and detailed design of the valley tank and watering amenities,
- ii. Carry out construction of the valley tank using the Ministry's water for production equipment deployed in Central Region.
- iii. Day-to-day supervision of the construction of the valley tank.
- iv. Undertake technical support and capacity building of the local government in implementation, management, operation and maintenance of the valley tank constructed.
- v. Engage C-care, a community based organization to work in the Lukaaka community for 2 years to start Farmer Field Schools that teach farmers conservation agriculture for improved land management, soil productivity improvement and integrated nutrient management to attain sustainable productivity increases in farming systems.

4. MODE OF PAYMENT

Funds for construction of the valley tank should be deposited on the following account:-

Account Name : Ministry of water and Environment

Bank : Stanbic Bank Uganda Limited

Branch : Garden City

Account No. : 014008966031

AMENDMENTS

This MoU may be amended or renewed by mutual understanding and agreement of both parties and shall be constituted and governed in accordance with the Laws of the Republic of Uganda.

Amendments and/or renewals shall be written, signed, and be attached to this MOU

5. DISAGREEMENT

In case of disagreements or misunderstandings, both parties will try to settle their differences amicably. If amicable settlement cannot be reached within 60 days from the date of the first negotiation or meeting, the parties shall terminate the MOU

6. OWNERSHIP OF INVESTMENTS

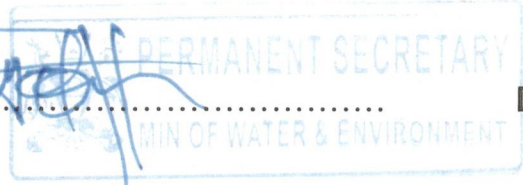
The valley tank constructed will remain the property of the respective beneficiary communities of Lukaaka Village in Luwero District.



7. ENDORSEMENTS

This Memorandum of Understanding is dully endorsed by the signatures below:-

Sign:  Date 12-02-2019

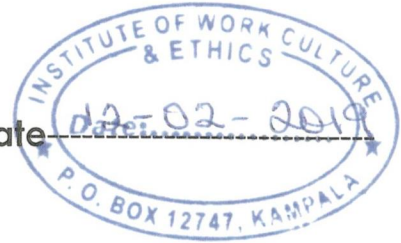


Name Ayed Obit Okidi
Permanent Secretary,
Ministry of Water and Environment

Sign:  Date 12-02-2019

Name BERNADETTE OLOWO-FREERS
President
Rotary Club of Kampala West.

Sign:  Date 12-02-2019



Name SAM BIWAZA
Director
Institute of Work Culture and Ethics

APPENDIX A: REQUIREMENTS FOR CONSTRUCTION OF A TYPICAL 100,000m³ STORAGE CAPACITY VALLEY TANK BY FORCE ACCOUNT

(A) VALLEY TANK CONSTRUCTION

(1) Equipment Hire Rates and Servicing (30% of open market rates)

SN	Item Description	Unit	Quantity	Rate	Amount
1	Bull Dozer - Dry hire rate	Day	150	500,000	75,000,000
2	Excavator - Dry Hire rate	Day	150	500,000	75,000,000
3	Transport of Bull Dozer to Luweero	LS	5	1,500,000	7,500,000
4	Transport of Excavator to Luweero	LS	5	1,500,000	7,500,000
Sub-Total					165,000,000

(2) Fuel requirement

SN	Equipment type	Unit	Days	Quantity (Litres)	Rate (UGX)	Amount (UGX)
1	Bull Dozer	Litres/Day	150	240	4,200	151,200,000
2	Excavator	Litres/Day	150	240	4,200	151,200,000
5	1No. Pick-up Double Cabin	Litres/Day	150	30	4,200	18,900,000
Sub-Total						321,300,000

(3) Concrete/Masonry and works

Item Description	Material component	Unit	Quantity	Rate	Amount
Construction of Inlet Channel reinforced concrete in	Hardcore	m3	200	20,000	4,000,000
	Reinforced Concrete class C25	m3	40	550,000	22,000,000
	Wood/Shutter	M	300	2,000	600,000
	Nails	Kg	50	3,000	150,000
Construction of Infiltration gallery, and suction chamber in reinforced concrete	Graded filter sand	m3	600	15,000	9,000,000
	Filter hardcore	m3	200	20,000	4,000,000
	Filter Aggregates	m3	100	20,000	2,000,000
	Reinforced Concrete class C25	m3	20	550,000	11,000,000
Sub-Total					52,750,000

 8



**SUMMARY OF COST ESTIMATES FOR CONSTRUCTION OF A TYPICAL
100,000m³ VALLEY TANK**

SN	ITEM DESCRIPTION	AMOUNT(UGSHs)
A	Valley Tank Construction	
1	Equipment Hire and Servicing	165,000,000
2	Fuel Requirement	321,300,000
3	Concrete/Masonry works	52,750,000
TOTAL		539,050,000
10% Contingency		53,905,000
GRAND TOTAL		592,955,000

