



CENTRAL RIFT VALLEY WATER WORKS DEVELOPMENT AGENCY

LOLMOLOK-KOKORWONIN COMMUNITY WATER PROJECT

TENDER NO. CRVWWDA/BRG/NWH& GWE/LOL-KOK/2020-2021

**EXTENSION OF BID SUBMISSION DEADLINE AND CLARIFICATIONS
RESPONSE AND COMMENTS**

March 2021

Ref No.	Clarification Sought By The Supplier	Comments
1	We draw your attention to the above project. We note that the BoQ lacks an item for walling for the 100cm3 water tank	The BOQ has been amended to provide the item for walling (See below) (The new BOQ shall be used, discard the initial BOQ, the new BOQ has also been provided in the excel format)
2	The item 4. To 4.3 the nominal pressure for pipes have not been provided	The BOQ has been amended to provide the item for pressure (See below) (The new BOQ shall be used discard the initial BOQ, the new BOQ has also been provided in the excel format)
3	Extension of Bid submission deadline	To allow the bidders time to conform to the clarifications issued the bid closing date is hereby extended from : 18th March, 2021 At 12.00 P.M. to 23rd March at 12:00 PM. The bids shall be opened on 23rd March at 12:05 PM

PROJECT: LOLMOLOK-KOKORWONIN COMMUNITY WATER PROJECT

BILL OF QUANTITY: Construction of 100m³ Masonry tank and Conveyance System

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	100M3 MASONRY TANK				
	Supply material and construct a masonry storage tank of 100m³				
1.1	Site clearance and setting out	m ²	80		
1.2	Excavate vegetable soils to a depth n.e 200mm	m ²	80		
1.3	Excavate the tank foundation to minimum depth of 1.5m as instructed by the Engineer	m ³	90		
1.4	Fill the foundation area with well rabbed approved hardcore to a depth not exceeding 300mm	m ³	18.16		
1.5	Blinding to fill the hardcore 50mm thick	m ²	35		
1.6	Supply and fix D-10 bars on floor slab at spacing 150mm c/c	Kg	220		
1.7	Place and compact concrete mix 20/20 in Tank slab.	m ³	10.9		
1.8	Supply building blocks 225mm by 225mm for the walling	m ²	120		
1.9	Supply and Fix D-10 bars and D-8 in every Wall course.	kg	450		
1.1.0	Supply materials and erect formwork to roof slab	m ²	50		
1.1.1	Supply and fix D-12 bars for the roof slab.	kg	300		
1.1.2	Supply materials, place concrete 20/20 and compact to the satisfaction of the Engineer.	m ³	10.9		
1.1.3	Plastering on the internal and external tank surface 50mm and 25mm screed on the internal surface.	m ²	228.6		
1.1.4	Provide and apply three coats of paints on the external walls and roof slab.The rate include branding the Tank with Central Rift Valley Water Works Development Agency colour code and Logo as per the Engineer approval	m ²	100.4		
	AUXILLIARY WORKS				
1.1.5	100mm scour GI pipe c/B	No	1		
1.1.6	100mm pipe inlet & offtake GI pipe c/B(Rate to include fittings)	No	4		

1.1.7	100mm overflow GI pipe c/B	No	1		
1.1.8	Supply and fix 100mm gate valve pegler	No	2		
1.1.9	Construct a standard lockable control chamber 1m by 1m by 1m	No	1		
1.2.0	Provide and fix steel ladders both from Inside and outside using(1" GI pipes)	No	2		
1.2.1	Provide ventilation vents and mosquito gauzing	No	4		
1.2.2	Provide and fix 600mm by 600mm roof access lockable chamber	Item	1		
	Sub Total For Tank				
2	CONVEYANCE				
2.1	Supply with fittings ,Lay and test 3" diameter HDPE-PN10 main line	m	2300		
2.2	Supply with fittings, lay and test 2" diameter HDPE-PN10 system from the main tank to Mandina pry school	m	6000		
2.3	Supply with fittings, lay and test 2" diameter HDPE-PN10 system from the main tank to Kapkitet pry school	m	3000		
2.4	Supply with fittings ,Lay and test 1.5" diameter HDPE-PN10 from main line	m	1300		
2.5	Excavate and backfill trench 0.3m by 10900m to a depth n.e 1m.Rates to include trimming and cutting of edges	m	10900		
2.6	Excavate and Backfill trench 0.3m by 1200m on hard rock to a depth n.e 1m	m	1200		
	AUXILLARY WORK				
2.7	Supply and install Air release valves with fittings 1.5"diameter	No	6		
2.8	Supply and install fittings for the washouts	No	3		
2.9	Supply materials and construct chambers 1m by 1m by 1m	No	9		
	Sub-Total for Conveyance				
3	Add 100,000 for supervision by the project Engineer				
	GRAND TOTAL				