



ALFRED NZO

DISTRICT MUNICIPALITY

Enquiries : K. Gogela

Ext : 5264

06 August 2019

Ref: 6/2/2/2

Specification for Mpoza and Lutateni Refurbishment

Details: Reservoirs are leaking badly resulting in the no availability of water storage resulting in over pumping of borehole to ensure the availability of water to the communities.

No	Item Description	Unit	Quantity
	Preparation		
1.1	Sugar wash of both reservoir walls (2 x 20 KL)	Days	2
1.2	Apply Sika sealant in 3 coats	Lumps sum	2
1.3	Apply a bitumen application on all joints	Lump sum	2
1.4	Perform a 12 hours step test after sealing process has completed. Diesel to run pumps must be provided by the Service Provider.	Lump sum	2

	Construct 1.5 x 2m x 100mm concrete slab (10MPA strength) , borehole casting to be included in cast with 150mm trust block on slab to accommodate baseplate.	1
	Walls	
	Construct walls from 6" blocks, backwashed on inner and outer walls to standard wall height. Walls to have air openings to allow for access smoke from diesel engine.	
	Roof	
	Cast concrete roofing 75mm with Y12 mesh. Allow for Gang tree opening with cast iron manhole cover as roof with a 2% fall for rain water.	
	Doors	
	Provide 1.2 x 1.8 steel bugler door with safety lock holder for moon lock.	

NB

ALL BIDDERS SHOULD BE REGISTERED WITH CIDB, WITH A MINIMUM OF 1CE OR 1CEPE.

Requested by:



Area Manager WSP- Umzimvubu

K. Gogela

Approved/not Approved



Acting Senior Manager-IDMS

C. Ndzungu