

UGU DISTRICT MUNICIPALITY



Ugu District Municipality

MSIKABA AND SURROUNDS WATER SUPPLY SCHEME : PHASE 3B

**Construction of 200mm x 1000m Klambon Steel (Class 25)
Gravity Main From Msikaba Reservoirs to Betania and
Construction of 6250m x 110mm to 75mm uPVC, Class 16,
New Reticulation for the New Development at Nyandezulu
(WARD 24)**

PROJECT PROFILE: PHASE 3B

CONTRACT NAME	: Msikaba water supply phase 3B: Construction of 200mm x 1000m Klambon Steel (Class 25) Gravity Main From Msikaba Reservoirs to Betania and Construction of 6250m x 110mm to 75mm uPVC, Class 16, New Reticulation for the New Development at Nyandezulu
CLIENT	: UGU District Municipality
CONSULTING ENGINEERS	: Ngcolosi Consulting Engineers
CONTRACTOR	: Q and A Holdings
ISD	: DGH CONSTRUCTION
CONTRACT VALUE	: R 15,073,286.33 (Inclusive of VAT)
CONTRACT PERIOD	: 32 Weeks
COMMENCEMENT DATE	: 01 February 2023
CONTRACTUAL REQUIREMENTS	: 14 February 2023
DUE COMPLETION DATE	: 30 September 2023
REVISED COMPLETION DATE	: 30 January 2024
HOUSEHOLDS	: 5388

1.0 BACKGROUND:

The Msikaba and Surrounding area Settlement is located within the Nsimbini Area of the KwaMavundla Traditional Area and KwaNdwalane Traditional Area (under Ray Nkonyeni Municipality), approximately 8 km northwest of Shelly Beach stretching to Gamalakhe Township approximately 8 to 10 km west of Shelly Beach on the KwaZulu-Natal Lower South Coast.

The Msikaba Water Supply Scheme Area lies within the Traditional Authorities of Mavundla and Ndwalane which consists of the following wards, within the Ray Nkonyeni Local Municipality:

- Msikaba (Ward 3)
- Nyandezulu (Ward 24)
- Nkulu (Ward 25)
- Qinabout (Ward 26)
- Nositha (Ward 27)

The Msikaba Project Area consists of **5388** households (HH). This figure is obtained from household counts on ortho-photo maps (2011 images) obtained from UGU District Municipality. In addition there are other facilities in the area such as primary schools and Rural Health Centres.

2.0 PROJECT LOCATION AND BENEFICIARIES

Msikaba is located within the Nsimbini Area of the KwaMavundla Traditional Authority Area within Hibiscus Coast Municipality, approximately 8 km northwest of Shelly Beach stretching to Gamalakhe Township approximately 8 to 10 km west of Shelly Beach on the KwaZulu-Natal Lower South Coast.

3.0 SCOPE OF WORKS

- Laying of 1008m of 200mm diameter steel pipe
- Connecting into existing reservoirs at Msikaba
- Tying into existing pipeline at Betania
- Laying of 6200m of reticulation pipes from 110mm to 75mm
- Construction of Valve chambers
- Road crossing by Pipe jacking

4.0 PROJECT BENEFITS:

Table 4.1 Present and future population in the project area

Ward	Estimated Population (2012)	Current Served	Estimated Population (2032)	Future Served
Msikaba (Ward 3)	1687		2765	
Nyandezulu (Ward 24)	13041		21370	
Nkulu (Ward 25)	12040		19729	
Qinabout (Ward 26)	9828		16105	
Nositha (Ward 27)	1120		1836	
Total	37,716		61,805	

The Benefits of this Contract include:

- The Nandezulu area will have reticulated water
- Within 200m walking distance to provide potable water supply to, and as per the UGU District Municipality's Water Services Development Plan priority schedule to promote health and hygiene awareness to the benefiting communities;
- To uplift the benefiting communities through the creation of job opportunities during the construction phase;
- to build capacity by allowing community participation in the management and decision-making aspects of the project as well as providing skills training;

5.0 JOB CREATION

The project is implemented as an EPWP project. The contractor is using labour intensive construction methods. All the General Labour was sourced from the Local Communities with the Assistance of the Social Facilitator and the PSC.

6.0 CHALLENGES

- We experienced delays by material suppliers.
- We are also encountering delays due to hard rock excavations.

7.0 INTERVENTIONS

- We urged the Contractor to consider getting an alternative supplier
- Contractor advised to start with areas that are not rocky to excavate and finish with the hard areas

