

THEMBALETHU SANITATION PROJECT
CONTRACT SCMU 002/2023/2024 (RE TENDER)
**CONSTRUCTION OF CIVIL WORKS FOR THE UPGRADING OF THE MKUZE
WASTEWATER TREATMENT WORKS AT MKUZE**
PART C4: SITE INFORMATION

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PART C4: SITE INFORMATION

C4.1 LOCALITY PLAN

The Locality of the site is as per the attached Locality Plan.

C4.1.1 Access

The project area is located within Mkuze Town under the Umkhanyakude district Municipality. Access to Mkuze is via National Road N2 Northbound from Durban turning right into Kingfisher Road at Mkuze. The site of the Mkuze Wastewater Treatment Works is situated approximately 2km due north-east from the Mkuze Town CBD and is accessible by gravel road.

The coordinates of the Mkuze WWTW are as follows:

27° 36' 36.18"S and 32° 2' 56.53"E.

C4.2 CONDITIONS ON SITE

A brief description of the site conditions is given under this section.

C4.2.1 Nature of Ground and Subsoil Conditions

Subsoil geotechnical investigations have been undertaken on the site and the geotechnical investigations report is included under Part C4: Site Information. No responsibility is accepted for any conclusions drawn by Tenderers from the results and information supplied (if any) and Tenderers must satisfy themselves as to the nature of materials to be excavated under this contract.

C4.2.2 Weather Conditions

The following general weather conditions are prevalent on site

Site Conditions	Specific Details
Altitude above sea level	Maximum 1260 m
Ambient temperatures	Maximum : 30°C Minimum : 4°C 24 hour Average Max : 30°C
Maximum relative humidity	20%
Environmental atmosphere	Low humidity, dry air with generally high midday temperatures .
Lightning	Severe

C4.2.3 Limitations

The following limitations characterise the site of the reservoir construction site:

- The construction of the required wastewater treatment infrastructure will be within the fenced off area of the existing Mkuze wastewater treatment plant. The contractor's activities will be restricted to the fenced off construction site.
- The contractor will be required to take precautions and ensure that the functions of the existing wastewater treatment systems are not interrupted in any way as a result of construction activities.
- Access to Mkuze Wastewater Treatment Works will be constructed close to existing farming areas and extra care will have to be exercised with regards the activities of the Contractor's labour while they are on site to ensure that there is no undue damage to private property as a result of construction activities.
- The Contractor will require to ensure that the insurances for the works cover any damage that may occur to private properties as a result construction activities. Should there be any claims against the contractor resulting from construction activities, the Engineer will ensure that these have been addressed or the damages rectified prior to the release of the retention held on the contract.

