

ANNEXURE C3.2: SCOPE OF WORKS – SEWER NETWORKS REPAIRS RFQ: 10405576

DESCRIPTION OF THE SCOPE OF WORKS

- Employer's Objectives
- Overview of the Works
- Extent of Works
- Location of Works

DESCRIPTION OF THE SCOPE OF WORKS

1.1. Employer's Objectives

The primary objective of project is to deliver public service infrastructure by the provision of repairs and/or refurbishment to the existing sewer network and associated engineering elements by acquiring the services of a competent service provider. The secondary objective of the project is intended at reducing the sewer overflows, blockages and reducing the negative impact on the environment.

1.2. Overview of the Works

The main scope of works comprises primarily of the supply of equipment, material (gravity and rising mains pipelines – including manholes) and labour for the successful completion of the project within the constraints of time, cost, and quality.

The project entails replacing of the collapsed clay pipe of 160mm with a 200mm UPVC pipe for 100m length at a depth of +/- 3m. Pipe replacement consist of 4 manholes with 7 house connections, the pipeline is next to a gas line, and currently not accessible because it is flooded, therefore pipe cracking will be used, and extra precaution is required .

1.3. Extent of Works

The primary key activity of the project entails but not limited to the following:

- Site clearance
- Temporary signage during construction
- Location, exposing and protection of existing services.
- Excavation, trench preparation and compaction
- Backfilling of trenches and testing of installation
- Reinstatement of all disturbed areas
- **Refurbish and raise 4 manholes above ground.**
- Connections into existing sewer networks
- Preparations of manuals and operational plans where required.

Most works will inevitably be on the live existing sewer infrastructure, hence reasonable care will be required to assure the absolute minimum disruption to existing services.

The Contractor's obligations shall also include strict compliance with any Environmental requirements and/or reports deemed to form part of this Contract as well as any Occupational Health and Safety and COVID 19 requirements.

This description of the works is not necessarily complete and shall not limit the work to be carried out by the Contractor under the Contract.

The team attending the briefing should include engineering technical personnel.

2. Location of Works

The works are located within the jurisdiction of Emfuleni Local Municipality (13 Tennyson Street CW6 Vanderbijlpark 26,70703°S, 27,81541°E)