

## **ANNEXURE C3.2: SCOPE OF WORKS – SEWER NETWORKS REPAIRS RFQ: 10405578**

### **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 rerouting the sewer pipeline because the current sewer line runs parallel with water lines. The new sewer line will run on the road and have a manhole in between. Storm water drains requires to be repaired and the new sewer pipeline will require shoring. The size of the pipeline will be +/- 6m deep and 80m long with a diameter of 250mm.**

### 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 3 manholes.
- 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.

## 2. Location of Works

The works are located within the jurisdiction of Emfuleni Local Municipality (147 JW Mushet Vanderbijlpark 26,70020°S, 27,8399°E)