

















































































































# **PART T6: SCOPE OF WORK**

## **T6.1 DESCRIPTION OF WORKS**

### **1.0 Introduction and Background**

The Eswatini Water Services Corporation has a long-standing history in the provision of potable water supply.

The Eswatini Water Services Corporation now desires to complete the Mpofu Water Supply Scheme.

### **1.1 Description of the site and access.**

The site of work is at Mpofu

## **2 Scope of Works**

The Contractor shall complete all Work as specified or indicated in the bidding Documents. The Work is generally described as follows.

- Raise the platform for Detention Tank (DT) and for 2 Horizontal Roughing Filters (HRFs) as specified in layout drawings
- Construct and plumb the DT
- Construct and plumb the 2 HRFs
- Put in the filter media into the HRFs
- Construct drainage and diversion ditches around the DT/HRFs compound
- Connect inlet pipe (from control house) to the DT
- Construct a retaining wall around the DT/HRFs platform
- Connect DT outlet pipe to HRFs inlet
- Connect HRFs outlet to Slow Sand Filters (SSFs) inlet
- Erect fence around the DT/HRFs compound
- Plumb SSFs
- Put in the filter media into the SSFs
- Construct drainage and diversion ditches around the SSFs compound
- Erect fence around the SSFs compound
- Connect pipe from SSFs to Storage Reservoirs (SRs)
- Complete plumbing of SRs
- Construct 3 standpipes; at the Dip tank, Mpofu High School and Mpofu Primary School.
- Connect the distribution pipe line to the old reservoir
- Dismantling of:

## **T6.2 STANDARD SPECIFICATIONS**

The following specifications shall apply for the construction and quality control of the Works but **shall not apply for measurement and payment of any portion of the Works.**

- (a) the relevant SABS specifications  
Wherever any reference is made to the South African Bureau of Standards (SABS) and the British Standards Specification (BSS) in the Specification of Materials and Methods to be Used (OOG-001E), this reference shall be deemed to read "SABS or equivalent standard" and BS or equivalent



standard” respectively.

(b) Various other specifications specified elsewhere by the Contractor and approved by the Engineer

