Document Title:
SCOPE OF WORK

Project Title:
PROCUREMENT OF PIPE LOCATORS FOR SERVITUDE SUPERVISORS

REVISION 00: FOR APPROVAL

DOCUMENT PREPARATION

	Name	Title	Signature	Date

DOCUMENT APPROVAL

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1. BACKGROUND

- Transnet Pipelines owns and operates a network of 3800 km of petroleum and gas pipeline infrastructure, of which 3116 km is currently operational.
- The pipeline network traverses through various terrains, rivers, and properties within the five provinces in South Africa, namely KwaZulu Natal, Free State, Gauteng, Northwest and Mpumalanga.
- Transnet Pipeline's objectives are to ensure unobstructed access and technical integrity and physical environment of the pipeline.

2. NEED

- Servitude Department maintains the Transnet Pipelines servitudes in accordance with the best practices.

- The function of Servitude Management is to assess crossing applications by third parties. Thereafter compile conditions and requirements with due consideration for variation and unique situations.
- Prior to commencement of the work, it is required that a TPL Servitude supervisor be present to indicate the position and depth of the pipeline and to undertake any work on Transnet's pipelines that may be necessary

3. REQUIRED

- Pipe Locator is one of the tools that is required to indicate the location of the pipeline to prevent encroachments thus maintaining the pipeline integrity.

- Pipe locators are also used to precisely detect and trace underground cables and other buried services crossing the servitude, to ensure safe excavation therefore preventing damage to third party infrastructure.

4. SPECIFICATION

RD8200 Kit consisting of: RD8200 Receiver (Bluetooth)

Tx-5 transmitter

Set of ground Leads

Soft Carry bag

- Ideal for congested underground infrastructure.

- Rejects strong interfering signals.

- Identify target power cable in the presence of many.

- Displays precise depth and current measurements.


RADIODETECTION
RD8200
Tx-10 B

PRICING SCHEDULE REQUIREMENTS

PIPE LOCATORS

Rationale	Description	Cost Center	Estimated cost
Servitude Rights	Eleven each **RD8200 kit:** RD8200 Receiver with Bluetooth Tx-5 Transmitter Set Ground Leads Soft Carry Bag		
		TOTAL	