

**SBD 1 - NOTICE AND INVITATION TO TENDER  
PROSPECTIVE TENDERERS ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF  
UMNGENI-UTHUKELA WATER**

<b>Tender Number:</b>	2021/030(B)	<b>Closing Date:</b>	16 November 2023	<b>Closing Time:</b>	12:00 pm
<b>Description:</b>	SUPPLY AND DELIVERY OF AN INDUSTRIAL VIDEO-SCOPE				
<b>Tender Offer Validity Period:</b>	120 Days	<b>Contract Period:</b>	Eight (8) weeks		

<b>TENDER DOCUMENTS/RESPONSES MUST BE DEPOSITED IN THE TENDER BOX SITUATED AT (STREET ADDRESS)</b>					
uMngeni-uThukela Water, Head Office 310 Burger Street, Pietermaritzburg. 3201			Tenderers should ensure that tender documents are submitted to the correct address, and deposited in tender box before closing time. <b>Late tenders will not be accepted.</b>		
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>			<b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>		
<b>Contact Person:</b>	Mandisa Madlala		<b>Contact Person:</b>	Ntokozo Mazibuko	
<b>Telephone Number:</b>	033 341 1325		<b>Telephone Number:</b>	031 828 9729	
<b>E-Mail Address:</b>	Mandisa.madlala@umgeni.co.za		<b>E-Mail Address:</b>	Ntokozo.mazibuko@umgeni.co.za	

## 1. SPECIFICATIONS OF GOODS REQUIRED

### 1. Background

The contractor to Supply and deliver an industrial video scope that is suitable to test pipes, tanks, structures, etc. and carry out training on how to operate the equipment at 251 Wiggins Road, Cato Manor

### 2. Description of goods/ services required.

#### TECHNICAL FEATURES

The video scope must have the following features:

- LCD touch screen display with resolution of 640 X 480 pixel or more which is dust and water resistant.
- Battery operated and/or AC 100V to 240V power supply.
- The equipment must be less than four kilograms in weight.
- Have the ability to be mounted.
- Scope diameter in the range of 6 to 8 mm
- Minimum scope length of 10 meters
- Tip adaptors ranging from 40° to 120° field of view and a minimum of 3 millimetre to infinity depth of field.
- Internal memory and/or SD card with a minimum 16GB memory

### 3. PERFORMANCE REQUIREMENTS

The video scope must have the following minimum functions:

- Equipped with a digital zoom function
- Video recording and have the ability to capture images while recording and save in an internal memory or SD card
- USB output for transferring images and videos to a PC
- File formats must be Windows compatible
- Must be operable under water up to a depth of 10 metres or more

- Adjustable LED lighting to capture the best image
- Tip adaptor must be interchangeable and have the ability to change direction of view and field of view, and material of construction must be stainless steel.

#### **4. ADDITIONAL ACCESSORIES**

The following additional accessories must also be supplied:

- Hard shell waterproof carrying case with enough capacity to store all accessories.
- SD card with 16GB minimum memory
- Spare Lithium ion rechargeable battery with charger
- Mounting frame/stand
- USB 2.0 cable to fit an A-Type USB port, with a minimum length of one meter
- AC adaptor
- Carrying strap

Furthermore, the supplier must have at least three contactable references in South Africa and must be able to carry out demonstration of the equipment if required.

#### **Software application for programming**

- The captured images and videos file formats must be Windows compatible.

#### **5. Extent of the Supply**

In addition to supplying and delivering of the video-scope, the supplier must be able to carry out demonstration of the equipment if required.

The Supplier must also provide a one-day training for 10 staff on how to operate the equipment after delivery of the equipment. The venue for training will be in Durban and will be provided by uMngeni-uThukela Water