



BA-PHALABORWA MUNICIPALITY
MEMORANDUM
- BUDGET AND TREASURY _

TO : *Prospective Service Provider*
FROM : *SCM /STORES*
DATE : *07/08/2020*
ENQUIRIES : *STORES*
TELEPHONE : *015 780 6362/61*
REF : *136259*

Kindly furnish this office with a written quotation for supply of goods/ services as detailed below. The quotation must be submitted on the letterhead of your Business and Brought to our offices 3 Nyala Street, Phalaborwa not later than **17/08/2020 at 12H00**

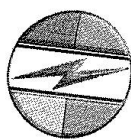
QUANTITY	Description	PRICE/UNIT (Inc. VAT)	DELIVERY PERIOD
1	Protract ACOUSTIC System complete with control ear phones		
	as per attached specification		
	(Replacement for defective Unit		

Please number your quotes (Your Ref no)

The following conditions will apply:

- Price (s) quoted must be valid for at least thirty (30) days from date of your offer. ➤
- The municipality retains the prerogative to reject any quotes it deems to be excessive
- A firm delivery period must be indicated.
- Tax Clearance Certificate
- A service provider be registered with central supplier database (CSD)
- Registered with CIPRO (CK 1 or 2 document)
- BBBEE Certificate certified by a SANAS accredited institution.
- Completed MBD4 (Declaration of Interest) Form

Fill in and Return the Declaration of Interest Form.



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics



Option 2:

PRICE: R 51,728.20

Protrac "Acoustic" system: Cable Faults Only

Protrac "Acoustic" system: Cable Faults Only

The Protrac® pin-pointing system is used for the precise pin-pointing of cable and cable sheath faults. Combining acoustic and electromagnetic fault pin-pointing with sheath fault location in one system, it is ideal for universal application.

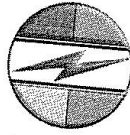
Application

Thanks to the use of the latest technologies, locating the exact fault position with the protrac® is extremely fast and precise. The innovative two-level signal processing concept permits a high degree of sensitivity and accuracy, and maximum suppression of ambient noise. The prepared measurement data is sent directly to the headphones and the CU control unit via Bluetooth®. The wireless connection ensures greater convenience and freedom of movement and dispenses with the need for cumbersome cables. The measurement parameters are set automatically depending upon the environmental conditions. As a result, and thanks to the intuitive operation of the capacitive touchscreen, working with the protrac® is extremely simple and convenient.

Features

- Fast and precise cable fault pin-pointing
- Unique operating convenience thanks to wireless Bluetooth® connections
- Precise 3D user guidance to the fault
- Excellent acoustic quality and range
- Saves time thanks to use of cable route data and the pre-located fault position from the Fault Location App
- All system components are connected with each other wirelessly via Bluetooth®.
- Distances of up to 40 m between the control unit and the acoustic ground probe are possible
- Power supply by rechargeable or non-rechargeable batteries
- Can also be used without headphones thanks to the loudspeaker integrated into the control unit
- Precise left/right guidance and fault direction display in the 3D view
- Real-time calculation and display of the fault distance incl. the previous measured values
- Adaptive two-stage ambient noise suppression (ANS)
- Ambient noise inhibiting design of acoustic ground probe

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- Clear distinction between the breakdown noise of the fault and the surge noises of the cable fault location system
- Time saving thanks to Fault Location App*
- Use of the cable route data from GIS databases in the BAUR cable fault location system as well as the precisely pre-located fault position in a map
- Direct availability and use of geographic information

Specifications

Acoustic and electromagnetic pin-pointing

- Filter ANS (Adaptive Noise Suppression)
- Acoustic gain Automatic/manual
- Electromagnetic gain Automatic/manual
- Propagation time measurement range 0 - 100 ms
- Resolution (approx. 50 m @ v = 500 m/s)
- Acoustic bandwidth 21 μ s (approx. 0.1 m @ v = 500 m/s)
- Distance indicator 1 Hz - 2 kHz
- Left/right indication in milliseconds, metres or feet with historic measured values

Yes

Sheath fault location

- Measurement range 1 μ V - 220 V
- Noise suppression 50/60 Hz, 16 2/3 Hz, DC
- Zero point adjustment Automatic
- SVP step voltage probes Length Extendable, approx. 580 mm - 1,100 mm
- Weight per probe Approx. 0.9 kg

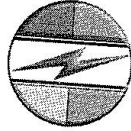
CU control unit

- User interface languages German, English
- Loudspeaker 3 W
- Display Transmissive colour TFT
- Display size 4.3", 480 x 272 pixels
- Brightness 800 cd/m²
- Touchscreen Capacitive, operable with gloves
- Rechargeable battery mode 8 x NiMH Mignon 1.2 V IEC LR6
- Non-rechargeable battery mode 8 x alkali batteries 1.5 V IEC LR6
- Battery life Approx. 6 h*
- Charging time Approx. 3.5 h
- Degree of protection IP54
- Dimensions (W x H x D) 205 x 143 x 69 mm
- Weight Approx. 1.1 kg

AGP acoustic ground probe

- Data transmission Bluetooth®
- Range 40 m
- Rechargeable battery mode 6 x NiMH Mignon 1.2 V IEC LR6
- Non-rechargeable battery mode 6 x alkali batteries 1.5 V IEC LR6
- Battery life Approx. 16 h*
- Charging time Approx. 3.5 h
- Degree of protection IP65
- Dimensions (W x H x D) \varnothing 225 x 146 mm
- Weight Approx. 2.6 kg (without handle)
Approx. 3.2 kg (with handle)

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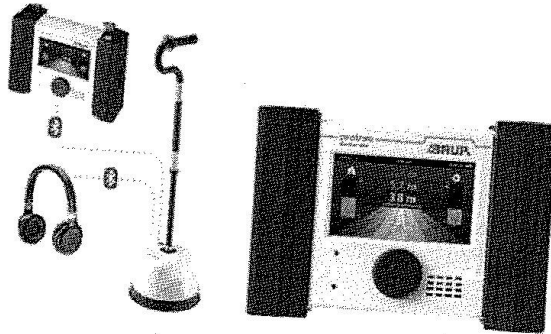
Specialists in High Voltage
Testing & Diagnostics

- **General**
- Power supply
- Output voltage
- Safety/work safety
- Ambient temp (operational)
- Storage temperature
- Rel. humidity
- Safety and EMC
- Safety and EMC
- Safety and EMC

100 – 240 V, 50/60 Hz
DC 4.8 – 12 V, 0.8 A
Volume limiting to 85 dB(A)
-20°C to +60°C
-20°C to +70°C
Non-condensing
CE-compliant with Low Voltage Directive
(2014/35/EU), EMC Directive (2014/30/EU), EN
60068-2-ff Environmental testing

Included: "Acoustics" set

- Protrac® CU control unit incl.
- Carrying strap
- 8 x NiMH Mignon 1.2 V IEC LR6
- Charger incl. country-specific adapter
- protrac® screwdriver
- USB cable 2.0 for software updates
- Equipment for acoustic pin-pointing
- Acoustic ground probe (AGP) incl. tripod
- Telescopic handle
- Contact tips for AGP: 50, 100, 150 mm
- 6 x NiMH Mignon 1.2 V IEC LR6
- Charger incl. country-specific adapter
- Bluetooth® headphones with USB charge
- cable and charger incl. country-specific adapter
- User manual
- Transport case



PRICE: R 91.709.27

Pricing Terms & Conditions

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