

BA-PHALABORWA MUNICIPALITY

MEMORANDUM

- BUDGET AND TREASURY _

TO : Prospective Service Provider

FROM : SCM/STORES
DATE : 30/01/2020
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 **07/02/2020 at 12HOO**

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.





PRICE: R 51,728.20

Option 2:

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

Approximent

Thanks to the use of the latest technologies, locating the exact fault position with the protrac® is extremely franks to the use of the latest technologies, locating the exact fault position with the protractor is extremely fast and precise. The innovative two-level signal processing concept permits a high degree of sensitivity and

accuracy, and maximum suppression of ampient noise.

The prepared measurement data is sent directly to the headphones and the CU control unit via Bluetooth®. The prepared measurement data is sent un eculy to the neadphones and the co-control unit via didection. 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, 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
- 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 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
- 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 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 Direct availability and use of geographic information

Specifications

Acoustic and electromagnetic pin-pointing

Acoustic gain ANS (Adaptive Noise Suppression) Electromagnetic gain Automatic/manual

Propagation time measurement range Automatic/manual 0 - 100 ms

Resolution (approx. 50 m @ v = 500 m/s) Acoustic bandwidth 21 μs (approx. 0.1 m @ v = 500 m/s) Distance indicator 1 Hz - 2 kHz

in milliseconds, metres or feet with

Left/right indication historic measured values Yes

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

CU control unit

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

1.1 kg AGP acoustic ground probe Data transmission Range Bluetooth® Rechargeable battery mode 40 m Non-rechargeable battery mode 6 x NiMH Mignon 1.2 V IEC LR6 Battery life 6 x alkali batteries 1.5 V IEC LR6 Charging time Approx. 16 h* Degree of protection Approx. 3.5 h

Dimensions (W x H x D) IP65 Weight Ø 225 x 146 mm

Approx. 2.6 kg (without handle) Approx. 3.2 kg (with handle)

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Non-condensing

H.V. TEST

Specialists in High Voltage Testing & Diagnostics

General Power supply Output voltage 100 - 240 V, 50/60 Hz DC 4.8 - 12 V, 0.8 A

Safety/work safety Volume limiting to 85 dB(A)

Ambient temp (operational) -20°C to +60°C -20°C to +70°C

Storage temperature

Rel. humidity

Safety and EMC

Safety and EMC

CE-compliant with Low Voltage Directive (2014/35/EU), EMC Directive (2014/30/EU), EN Safety and EMC 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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