



**NOTICE NO .SCM04-0112-22**

Kindly furnish us with a written quotation for the supply of goods and services as detailed below.

Request for quotation documents may be obtained from Ray Nkonyeni Municipality – Supply Chain Management Office at 1000 Dan Pienaar Square, Margate from **1 December 2022** during offices hours (7h30 to 16h00) to closing date. However you are encouraged to download the documents at <https://www.rnm.gov.za/index.php/opportunities/tenders/mini-tenders>

**CABLE FAULT LOCATION TRAINING SPECIFICATION**

DESCRIPTION/SPECIFICATION	QTY	RATE	AMOUNT (EXCL VAT)
<p>Suitably qualified Service Providers are hereby requested to submit quotations for Cable fault location The training provider’s content must cover:</p> <ol style="list-style-type: none"> <li>1. Introduction to cable fault location,</li> <li>2. Safety and isolation of supply,</li> <li>3. Pressure testing and fault core identification,</li> <li>4. Identifying the type of fault,</li> <li>5. Cable fault location analysis and flow chart,</li> <li>6. Frequency of faults,</li> <li>7. Cable faulting procedures,</li> <li>8. Cable fault locating hints,</li> <li>9. Cable diagnostics,</li> <li>10. Using AC and VHL to determine cable condition,</li> <li>11. Tan delta and partial discharge (what they mean for a cable and how to use them to determine a cable’s condition)</li> <li>12. Electrical testing of switchgear (transformers, motors and useful testing and monitoring data)</li> <li>13. Cable fault locating methods: <ul style="list-style-type: none"> <li>• Measuring bridge method</li> <li>• Voltage drop method</li> <li>• Audio frequency test method</li> <li>• Surge generator or acoustic fault location method</li> <li>• Sable sheath fault location</li> <li>• Time domain reflectometry-scope method</li> <li>• Fault burning: DC pressure test and HV diode</li> <li>• Impulse current method: ICE method</li> <li>• Decay method</li> <li>• Secondary impulse method: SIM method</li> </ul> </li> </ol> <p>NB :</p>	12		

<b>TECHNICAL ENQUIRIES:</b> <a href="mailto:nandi.sihlali@rnm.gov.za">nandi.sihlali@rnm.gov.za</a> , <b>039 688 2088</b> <a href="mailto:tracy.nzimakwe@rnm.gov.za">tracy.nzimakwe@rnm.gov.za</a> <b>039 688 2083</b> <b>THE TRAINING PROVIDER MUST HAVE A VALID ACCREDITATION LETTER WITH EWSETA AND A CERTIFICATE OF VERIFICATION WITH SAIEE</b>			
		<b>SUB-TOTAL</b>	
		<b>ADD 15% VAT</b>	
		<b>TOTAL</b>	

Sealed quotations must be marked: **TENDER NO.SCM04-0112-22 CABLE FAULT LOCATION TRAINING SPECIFICATION** must be deposited into a Tender box at the Supply Chain Management Office (Margate) by no later than **12pm 8 December 2022**. Telegraphic faxed, emailed and late quotations will not be accepted. A valid tax clearance certificate from SARS reflecting your tax pin code must be furnished. Mini Tender documents (available on our website and at the Supply Chain Management Office) must be attached. It is mandatory that all service providers are registered on the Central Supplier Database (CSD) and proof of your registration reflecting your CSD Number must be furnished with every tender submission. Failure to attach all mandatory documents as is requested on the tender documents will result in your tender not being further evaluated.

**FAILURE TO COMPLY WITH THESE CONDITIONS MAY INVALIDATE YOUR OFFER.**

All queries in respect of the above should be addressed to the Supply Chain Management Office – 039-3128378  
The Municipality does not bind itself to accept the lowest or any quotation and reserves the right to accept the whole or any part of the quote.

Ray Nkonyeni Municipality  
P O Box 5  
PORT SHEPSTONE  
4240

\_\_\_\_\_  
COMPANY FULL NAME

\_\_\_\_\_  
AUTHORISED PERSON FULL NAME & SIGNATURE

\_\_\_\_\_  
DATE

