

UMASIPALA
WASOLUNDI

“ The City of Heritage ”

ULUNDI
MUNICIPALITY



QUOTE NO: 15/2023/2024

REQUEST FOR FORMAL WRITTEN QUOTATIONS

Bids are hereby invited from suppliers registered on the Ulundi Municipality supplier database **For The Supply and Delivery of Transformers** as per the attached specification.

The quotation must be submitted on the letterhead of your enterprise in a clearly indicating the quote number addressed to reach us by not later than **19 October 2026 at 12h00 midday**.

Only service providers registered in Bid no. **15/2023/2024 PANEL OF SERVICE PROVIDERS TO SUPPLY AND DELIVERY OF ELECTRICAL MATERIAL FOR A PERIOD OF 3 YEARS (2024/2025 TO 2026/2027)** will be considered.

Tel: 087 287 0018

Email: zmakhoba@ulundi.gov.za

NB: ONLY EMAILED AND HAND DELIVERED QUOTATIONS WILL BE ACCEPTED

Supply Chain Management Unit, Ulundi Municipality, Cnr. Princess Magogo Str. And King Zwelithini Str.

The following conditions will apply:

- Prices quoted must be valid for at least thirty (30) days from the date of your offer.
- Prices quoted must be firm and must be inclusive of VAT.
- A firm delivery period must be indicated.
- Filled MBD forms 4, 6.1, 8, and 9.
- The service provider must be registered and compliant on Central Supplier Database (CSD)
- NB: No quotations will be considered from persons in the service of the state.
- Failure to comply with these conditions may invalidate your offer.
- The Ulundi Municipality reserves the right to accept the quote in whole or in part.
- All service providers must provide their copy of Identity document and CSD report
- 80/20 preference point system will be used and evaluated as follows:

Price – 80

Black – 5

Women – 5

Youth – 5

Disability – 5

Specification

Description	Qty
3 Way 11KV RMU WITH METERING Equipment: 3-Way 11kV Ring Main Unit (RMU) System Voltage: 11 kV Highest System Voltage: 12 kV Configuration: 3-way RMU, suitable for ring network operation Frequency: 50 Hz Insulation: SF₆ gas insulated or approved solid-insulated technology Busbar Rated Current: Minimum 630 A Short-Time Withstand Current: Minimum 20 kA for 3 seconds Peak Withstand Current: Minimum 50 kA Power Frequency Withstand: Suitable for 12 kV system, as per applicable standards Lightning Impulse Withstand: Suitable for 12 kV equipment Ways/Functions: 2 × ring switch-disconnectors + 1 × transformer feeder, or equivalent 3-way configuration as required Switching Mechanism: Manual operation with provision for motorised operation where required Earthing: Integral earthing switches on applicable ways Fault Protection: Suitable fuse-switch or circuit-breaker protection for transformer feeder Protection Relay: Numerical protection relay where circuit-breaker protection is provided Voltage Indication: Integrated voltage presence indication system Interlocking: Mechanical/electrical interlocking to prevent unsafe switching and earthing operations Enclosure: Metal-enclosed, compact, corrosion-resistant and suitable for outdoor/indoor installation as specified Degree of Protection: Minimum IP54 for the enclosure, with appropriate internal protection Cable Termination: Suitable for 11 kV screened XLPE cables and compatible separable connectors Earthing: Provision for connection to the substation earth grid Safety: Pressure-relief arrangement and appropriate safety interlocks Accessories: Operating handle, cable test points, mimic diagram, padlocking facilities, labels and warning signs Standards: IEC 62271-200, IEC 62271-100 and IEC 62271-102, or equivalent applicable standards Testing: Factory routine tests and type-test certification to be supplied Documentation: Manufacturer's datasheet, test certificates, operation and maintenance manuals, wiring diagrams and installation instructions Warranty: Minimum 12 months from commissioning or as specified by the municipality Compliance: Equipment shall comply with the requirements of the relevant utility/municipal electrical standards and applicable South African regulations.	1

3 Way 11KV RMU Equipment: 3-Way 11kV Ring Main Unit (RMU) System Voltage: 11 kV Highest System Voltage: 12 kV Configuration: 3-way RMU, suitable for ring network operation Frequency: 50 Hz Insulation: SF₆ gas insulated or approved solid-insulated technology Busbar Rated Current: Minimum 630 A Short-Time Withstand Current: Minimum 20 kA for 3 seconds Peak Withstand Current: Minimum 50 kA Power Frequency Withstand: Suitable for 12 kV system, as per applicable standards Lightning Impulse Withstand: Suitable for 12 kV equipment Ways/Functions: 2 × ring switch-disconnectors + 1 × transformer feeder, or equivalent 3-way configuration as required Switching Mechanism: Manual operation with provision for motorised operation where required Earthing: Integral earthing switches on applicable ways Fault Protection: Suitable fuse-switch or circuit-breaker protection for transformer feeder Protection Relay: Numerical protection relay where circuit-breaker protection is provided Voltage Indication: Integrated voltage presence indication system Interlocking: Mechanical/electrical interlocking to prevent unsafe switching and earthing operations Enclosure: Metal-enclosed, compact, corrosion-resistant and suitable for outdoor/indoor installation as specified Degree of Protection: Minimum IP54 for the enclosure, with appropriate internal protection Cable Termination: Suitable for 11 kV screened XLPE cables and compatible separable connectors Earthing: Provision for connection to the substation earth grid Safety: Pressure-relief arrangement and appropriate safety interlocks Accessories: Operating handle, cable test points, mimic diagram, padlocking facilities, labels and warning signs Standards: IEC 62271-200, IEC 62271-100 and IEC 62271-102, or equivalent applicable standards Testing: Factory routine tests and type-test certification to be supplied Documentation: Manufacturer's datasheet, test certificates, operation and maintenance manuals, wiring diagrams and installation instructions Warranty: Minimum 12 months from commissioning or as specified by the municipality Compliance: Equipment shall comply with the requirements of the relevant utility/municipal electrical standards and applicable South African regulations	1						
TRF 200KVA <table border="0"> <tr> <td style="vertical-align: top;">Equipment</td><td>200 kVA Distribution Transformer (TRF)</td></tr> <tr> <td style="vertical-align: top;">Rating</td><td>200 kVA</td></tr> <tr> <td style="vertical-align: top;">Phase</td><td>3-Phase</td></tr> </table>	Equipment	200 kVA Distribution Transformer (TRF)	Rating	200 kVA	Phase	3-Phase	1
Equipment	200 kVA Distribution Transformer (TRF)						
Rating	200 kVA						
Phase	3-Phase						

Primary Voltage	11 kV	
Secondary Voltage	400/230 V	
Frequency	50 Hz	
Transformer Type	Oil-immersed distribution transformer	
Cooling	ONAN – Oil Natural Air Natural	
Vector Group	Dyn11, unless otherwise specified by the utility/municipality	
HV Current	Approximately 10.5 A at 11 kV	
LV Current	Approximately 289 A at 400 V	
Tap Changer	Off-circuit tap changer, typically $\pm 5\%$ in suitable steps	
Insulating Medium	Transformer-grade mineral insulating oil	
Core	Low-loss grain-oriented electrical steel	
Windings	Copper or aluminium, suitably insulated	
Tank	Heavy-duty steel tank, corrosion-resistant and suitable for outdoor installation	
HV Termination	Suitable for 11 kV cable connection	
LV Termination	Suitable for 400 V cable/busbar connection	
Protection	Suitable HV fuse/switch protection and LV circuit protection	
Surge Protection	11 kV surge arresters where required	
Earthing	HV, LV neutral and transformer tank earthing terminals provided	
Accessories	Rating plate, oil level indicator, drain valve, lifting lugs and temperature indication	
Enclosure	Weatherproof and lockable where installed within a mini-substation	
Standards	Applicable SANS/IEC standards, including IEC 60076	
Testing	Routine factory testing, insulation resistance, winding resistance, voltage ratio and polarity/vector group tests	
Documentation	Test certificates, manufacturer's datasheet, drawings, installation and maintenance manuals	
Warranty	Minimum 12 months from commissioning or as specified by the municipality	
TRF 100KVA Supply, delivery, installation, testing and commissioning of a 100 kVA, 11 kV/400 V, three-phase oil-immersed distribution transformer, complete with HV/LV terminations, tap changer, protection, earthing provisions, accessories and all components necessary for a complete and operational installation		3

ULUNDI LOCAL MUNICIPALITY – SCM QUOTATIONS

Enquiries: C Zwane

:087 287 0295

Approved

BY

SCM MANAGER

12/10/2026