

INFORMAL TENDER ADVERT

NELSON MANDELA BAY MUNICIPALITY

BUDGET AND TREASURY DIRECTORATE
PURCHASING AND STORES DIVISION

Tender Number: CSQ08265829

Buyer: Hafkie, Mr NP [00021193]

Closing Date: 2026-08-24

Closing Time: 11:00 A.M

Telephone : 041 506 7630

REFER ALL ENQUIRIES TO THE BUYER

ITEM	QUANTITY	UNIT	KEY WORD	DESCRIPTION	REQUISITION
1	1.00	LOT	LABOUR ASSISTANCE ON MOTOROLA SCADA SYSTEM	Tenders are invited for labour assistance on Motorola scada system on "as & when" basis. Specifications & pricing schedule available on N.M.B.M. web-site. Pricing schedule to be uploaded on N.M.B.M. web-site on or before closing date & time.-Compulsary. Short listed bidders to provide sample/brochure & supporting documents within 72 hours after request,failing to provide will exclude your submission from further evaluation. For futher information please contact: Forest Walsh on Tel.no.041-392 4346. E-Mail:fwalsh@mandelametro.gov.za	AA190003

THE FOLLOWING CONDITIONS APPLY TO THIS INFORMAL TENDER

- BEFORE COMPLETING THIS FORM, SERVICE PROVIDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATION OF 2022 THE 80/20 SYSTEM APPLIES TO THIS TENDER.
- Acceptance of this tender submission is subject to the General Conditions of Tender and Conditions of Purchase
- Acceptance of this tender is subject to successful registration on the Nelson Mandela Bay Supplier Database.
- For further information to register, please call Compliance Section @ 041 506 3274
- Failure to comply with these conditions may invalidate your tender submission.
- All tender prices should be valid for a minimum period of thirty (30) days from date of tender.
- ALL TENDER RESPONSES SHOULD BE COMPLETED ONLINE AND NO FAX SUBMISSION WILL BE ACCEPTED BY SUPPLY CHAIN UNIT.

Motorola Equipment Maintenance Specifications

1. Scope of work

The scope covers the work involved in the expansion, upgrading and maintenance of electrical substation Motorola SCADA and associated communication equipment, as and when required, until 30 June 2027 or budgetary/procurement threshold is reached, or contract is put in place whichever one occurs first. in terms of the upgrading program which includes the following:

- Installation, configuration, testing and commissioning of modules and components for the expansion and upgrading of RTUs (remote terminal units) and communication equipment.
- Support, routine and corrective maintenance of existing RTUs and associated equipment.
- Master station and /or front-end configuration.

2. Requirements

Suppliers of this service must be able to respond within 24hours and will be working on mission critical equipment and must therefore comply with the following with regards to software and training:

- Fully conversant with the following Motorola Moscad/ACE family of products:
 - CPU Module for ACE3600
 - ACE1000 CPU
 - 16 Channel Analog Input Module
 - 32 Channel Digital Input Module
 - 32 Channel Digital Output Module
 - ODW-622-SMLC80
 - Power Supply Module AV149
 - Plug-In Power Supply Module AFDN1653
 - Digital Radio for ACE RTU Motorola DM1400
 - Digital Radio for ACE RTU Motorola DM4400
 - Motorola SLR8000 & MTR8000 repeaters
- Able to remotely monitor all communications between master and remote terminals.
- Must have working knowledge and programming experience of Motorola ACE FIU-based systems.
- Able to setup new Motorola ACE FIU system and satellite sub systems as and when required.
- Able to integrate ACE and MOSCAD RTUs onto existing Motorola ACE FIU-based systems
- Able to program and modify existing software routines using Motorola System Tools Suite and Motorola Moscad Toolbox
- Due to the urgent nature of system monitoring, the successful tenderer must be able to respond to any given fault/callout within one hour during normal business hours {08H00 to 17H00, Monday to Friday}
- Experience working on Motorola's advance seven-layer protocol SCADA equipment which includes: Motorola Moscad Remote Terminal Unit (RTU), Motorola ACE Remote Terminal

Unit (RTU), Motorola UHF repeater Data Links, Store and Forward Repeater / ACE dual radio Data relay sub systems and all other associated equipment.

- Be fully conversant and able to integrate the following protocols into the current Motorola based RTU systems:
 - DNP3 (Distributed Network Protocol)
 - IEC 60870-5-101
 - IEC 60870-5-102
 - IEC 60870-5-104
 - Modbus
 - PG&E 2179
 - MDLC

3. Minimum Requirements & Compulsory Returnable Document

Prospective service providers shall meet the following requirements on submission of their offers:

- Must be established within NMBM area or provide letter of intent to set up local office. Proof such as rates account or lease agreement to be provided.
- Must be an appointed an Official Motorola MOSCAD/ACE Distributor/ local agent. Tenderers to include proof with tender submission.
- As work will frequently involve HV substation environments proof of a valid HV regulations certificate or ESKOM HV regulations. Tenderers to include proof with tender submission.
- Must have own means of transport and show proof of ownership or official lease agreement in bidder's name.
- The schedule of rates is a compulsory returnable document and must be completed in full.

Failing to comply will render submitted offer as non-compliant and will be rejected.

4. Safety

To comply with all provisions of the OHS Act, (Act 85 of 1993)

To comply with all safety rules of the Electricity and Energy Directorate
Health and safety file to be submitted prior to commencement of work.

Minimum Requirements & Returnable Documents

Description	Returnable Document	Submitted (Yes/No)
Designated as a “competent person” in terms of clause 2.1.7 of the Electricity and Energy Directorates medium/high voltage safety rules for entering substations	MV/HV regulations certificate or ESKOM HV regulations certificate	
Official Motorola MOSCAD/ACE Distributor/ local agent	Certified copy of certificate/letter	
Local service Provider or accompanying letter of intent.	Certified copy of rates account (not older than three month of submission date of offer) or lease agreement in bidders name.	
Vehicle ownership	Certified copy of Registration document in owners name and a certified copy of RSA ID of said owner or certified copy of lease/hire agreement with certified copy of RSA ID	
Schedule of rates	Schedule of rates	

**SCHEDULE OF RATES
(PURCHASES/RENDERING SERVICES)**

All rates to include transport to site of personnel.

All rates to include compliance with the requirements of the OHS act.

Item No.	Description	Unit	Amount In R (incl. VAT)
Labour Rates			
1	Technician Motorola RTU/FIU	Per hour	
2	Technician Masterstation/Front End	Per hour	
VAT			
Total (Incl.VAT)			