

**RLM/DTIS/0113/2025/26 - APPOINTMENT OF ONE OR MORE SERVICE PROVIDERS (MAXIMUM OF 2 PER LINE ITEM) FOR THE SUPPLY AND DELIVERY OF PADLOCKS TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF 3 YEARS**

# **ANNEXURE A - TECHNICAL SPECIFICATIONS**

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**STANDARD TECHNICAL SPECIFICATION**

**SUBSTATION PADLOCKS**

**1. GENERAL INFORMATION**

This specification for locks is applicable to MV, LV, Customer, Engineering and Material level use.

1.1 System particulars:

Normal operating voltage : 400/240 Volt  
Frequency : 50 Hz  
Number of phases : 3  
Neutral earthing : Solid

1.2 Service conditions:

Maximum temperature : 40° C  
Altitude : 1200 m above sea level  
Lightning conditions : Severe

1.3 Standards:

All equipment manufactured and supplied must comply to SANS standards.

**2. GENERAL REQUIREMENTS**

2.1 The padlocks must be Weather proof.

2.2 Master keyed in three levels must be unique as specified by Rustenburg Local Municipality

2.3 Colours: RED - MV (BLT 5)  
GREEN - LV (BMR6)  
BLUE - CUSTOMER (TJNS)  
BLACK - ENGINEERING (SING)  
YELLOW – MATERIAL (DHUR)

**2.4 MINIMUM 40MM PADLOCK SPECIFICATIONS**

	<b>40 MM</b>	
Plating dimensions:		
	Height max:	38 mm

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	Width:	40 mm
	Thickness:	20mm
Shackles:		
	Diameter	6mm
	Length:	34mm
	Width	20mm

**40/45 MM PADLOCK**

	<b>40/45 MM</b>	<b>Guide</b>
Plating dimensions:		
	Height max:	38 mm
	Width:	40 mm
	Thickness:	20mm
Shackles:		
	Diameter	6mm
	Length:	34mm
	Width	20mm
Padlock body		
Casing		
Locking		
Mechanism		

**50MM PADLOCK**

	<b>50MM</b>	<b>Guide</b>
Plating dimensions:		
	Height max:	52 mm
	Width:	50 mm
	Thickness:	20mm
Shackles:		
	Diameter	8mm
	Length:	30mm
	Width	25mm
Padlock body		
Casing		
Locking		
Mechanism		

Padlock body: Minimum 2mm thick laminated steel with zinc plating

The Padlock shall have a rubber/plastic/nylon casing.

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Locking: Minimum by dual stainless steel ball bearing mechanism, shackle springs nickel coated 304-grade stainless steel

Mechanism: Minimum Three pin tumbler cylinder type, security pins and plates, phosphor bronze springs for pins

**3 PATENT RIGHTS**

If a bidder is adjudicated as a supplier for the RLM he shall patent the key and barrel of the lock to be exclusively for the use of the RLM and the same three level master key systems shall not be made available commercially or to be cut by any Business.

**4 WARRANTY**

The equipment offered shall be warranted free from defects in workmanship and materials for a period of at least twelve (12) months from date of final commissioning or delivery. Any failures shall be repaired or replaced at the bidder's expense during the 12 months warranty period.

**5 CERTIFICATES**

Bidders must submit Eskom, SANS, BS or IEC certificates of the equipment offered.

**6 GENERAL**

Only new manufactured equipment will be accepted.

**7 SUPPLIERS**

If the bidder is not the manufacturer, it is the responsibility of the bidder to ensure that he has a credit agreement as well as a after sales agreement with his supplier (Company) from which he will be sourcing the product.

**8 AFTER SALE SERVICE**

The bidder shall supply all details regarding their after-sale service on the equipment offered.

**9 SAMPLES**

No Samples are required with tender closure. Delivery of substandard material or equipment will result in no approval of payment and the return of the product.

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**10 ALTERNATIVE OFFERS**

No Alternative offers on specifications of material will be considered.

**11 LOCAL CONTENT**

Local Content on material or products will be in accordance with the Department Trade and Industry where applicable.

No imported product will be excepted unless no manufacturing company exists in South Africa.

Local content does not refer the base address in area of jurisdiction of suppliers.

**12 PRICE ESCALATION CLAUSE**

The tender appointment prices shall be the ordering prices after adjudication and Contract Price Adjustment shall be clearly defined such as SEIFSA indices, CPI, ROE, Foreign Currency Components such as rates on which tender is based, Custom duties percentage, forward cover and the relevant clauses must find expression in the tender submitted.

SEIFSA indices, CPI, ROE, Foreign Currency Components such as rates on which tender is based, Custom duties percentage, forward cover and the relevant clauses shall be included then in the Service level agreement when adjudication is successful.

All quantities will be verified after adjudication, Quantities may differ after adjudication on purchase orders.

**13 CANCELATION CLAUSE**

The delivery of substandard material or equipment or refrain from supplying it within the required timeframe will result in cancelation of the contract and the second highest scorer will be appointed.

END OF SPECIFICATION