

Title: Scope of Work and Technical Specifications for Supply and Delivery of 20m Reach 4WD Diesel Articulated Boom and 4T Telehandler

Unique Identifier: ERI-CS-BMH-OC003

Alternative Reference Number: N/A

Area of Applicability: Eskom RoteK Industries

Documentation Type: SoW & Technical Specifications

Revision: 1.0

Total Pages: 05

Next Review Date: N/A

Disclosure Classification: **CONFIDENTIAL**

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Functional Responsibility



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Date: 03/09/2024

Date: 03/09/2024

Date: 03/09/2024

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1. INTRODUCTION

Eskom Rotek Industries SOC Ltd, a wholly owned subsidiary of Eskom Holdings and is seeking hereby to purchase and own the minimum 15m reach high diesel powered engine articulated boom powered by loosely referred as Cherry Picker and 4 ton telehandler. The machines to be supplied and delivered must be brand new with less than 10 hours of usage.

The Supplier must have adequate experience in the supply and delivery of diesel articulated boom and telehandlers and ensure the machine to be delivered are widely supported by respective OEMs for supply of spares as well as maintenance support. Brands that are not presented or supported in the Republic of South Africa will be automatically disqualified.

2. SUPPORTING CLAUSES

2.1 SCOPE

To supply and deliver the diesel powered engine articulated boom loosely referred as Cherry Picker and 4t diesel powered telehandler at Rosherville, Johannesburg. The machines to be supplied and delivered must be brand new with less than 10 hours of usage.

2.1.1 Codes and Standards

N/A

2.2 DEFINITIONS

Contractor	Supplier/Contractor/Tenderer supplying the diesel articulated boom and 4t telehandler
Employer	Client for this Scope of Works which Eskom Rotek Industries SOC Ltd

2.2.1 Classification

a. Controlled Disclosure

2.3 ABBREVIATIONS

Abbreviation	Description
ERI	Eskom Rotek Industries
OEM	Original Equipment Manufacturer

2.4 ROLES AND RESPONSIBILITIES

2.4.1 Minimum Requirements

Contractor – To supply and deliver the requested articulated Boom and 4t telehandler
Employer – To inspect the boom before release and to provide functional requirements

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2.5 RELATED DOCUMENTS

Operation and Maintenance Manual for Articulated Diesel Boom and Telehandler

3. FUNCTIONAL SPECIFICATIONS

3.1 ARTICULATED DIESEL BOOM (CHERRY PICKER)

The Contractor must supply and deliver the 20m reach diesel engine articulated boom with following functional requirements or similar specifications.

- Diesel powered
- Working height – Maximum 20m
- Platform height – Minimum 13m
- Horizontal outreach – Minimum 7.5m
- Swing range – minimum up to 350 degrees
- Platform size – minimum 0.75m x 1.80m
- Drive Speed - 4WD
- Drive speed – 5km/hr or more
- Safe Working Load – up to 350kg

3.2 TELEHANDLER 4T

The Contractor must supply and deliver the 15m reach diesel engine articulated boom with following functional requirements or similar specifications.

- Diesel powered
- Maximum capacity – 4000kg
- Maximum lifting height – Not less than 15m
- Maximum Boom extension – Not less than 10m
- Boom extension at maximum height – Not less than 2m

4. BILL OF MATERIALS

Item No	Description	Quantity	Unit
1	Supply and Delivery of 20m reach, minimum 300kg Safe Work Load Articulated Diesel Boom loosely referred as Cherry Picker	1	EACH
2	Supply and Delivery of 15m reach telehandler with maximum capacity of 4000kg	1	EACH

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5. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
Cliffot Rakgoale	Mechanical Engineer - BMH
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6. REVISIONS

Date	Rev.	Compiler	Remarks
03 September 2024	0.1	Cliffot Rakgoale	Draft Rev 1 Document
03 September 2024	1	Cliffot Rakgoale	Final document

7. DEVELOPMENT TEAM

The following people were involved in the development of this document.

- Cliffot Rakgoale

8. ACKNOWLEDGEMENTS

- N/A

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