
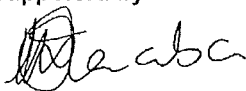
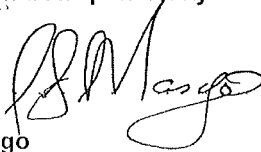


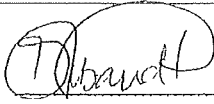
 Eskom	Strategy	Operating
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**Title: Tender Technical Evaluation:
Maintenance and calibration of weighbridge
scales at Kriel power Station for a period of
five (5) years on "as and when" required
basis**

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CONTENTS

	Page
1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	3
2.2.1 Normative.....	3
2.2.2 Informative	3
2.3 DEFINITIONS	4
2.3.1 Classification.....	4
2.4 ABBREVIATIONS	4
2.5 ROLES AND RESPONSIBILITIES	4
2.6 PROCESS FOR MONITORING	5
2.7 RELATED/SUPPORTING DOCUMENTS	5
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	5
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA.....	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	7
3.5 TET MEMBER RESPONSIBILITIES	8
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	9
3.6.1 Risks	9
3.6.2 Exceptions / Conditions	9
4. AUTHORISATION	10
5. REVISIONS.....	10

TABLES

Table 1:TET Members	5
Table 2 Mandatory Criteria	6
Table 3 Qualitative Criteria	7

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2. INTRODUCTION

Through various criteria, qualitative and quantitative, potential contractors are evaluated for eligibility. The evaluation is to ensure the best performing contractor, in all set criteria, is selected with the intention of saving costs, mitigating risks as well as ensuring high quality in the execution of the works. In addition the mentioned benefits, setting criteria for evaluation also eliminates contractors not compliant with company, industry or state standards or regulations.

In most cases, contractors are evaluated on the technical eligibility to execute the scope with highest quality while complying with applicable standards and regulations, compliance with health, safety and environmental standards and regulations, costing of the provision of goods and services to eliminate hidden costs and realise competitive pricing and also on the commercial aspect to ensure compliance with the Company's Act of South Africa, alignment of the contractors business practices with those on the employer and compliance government commercial and procurement policies.

3. SUPPORTING CLAUSES

3.2 SCOPE

The *scope* is the development of technical evaluation criteria for the selection of eligible contractors for the maintenance and calibration of weighbridge scales at Kriel power Station for a period of five (5) years on “as and when” required basis. Criteria to evaluate, technically, the contractors are set along with the target score.

3.2.1 Purpose

The purpose is to set technical evaluation criteria for the provision of calibration and maintenance services of weighbridge scales including IT hardware and software at Eskom Kriel Power Station and to ensure compliance with procurement policies.

3.2.2 Applicability

This document applies to Kriel Power Station's Operating Department.

3.3 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

3.3.1 Normative

- [1] 240-48929482: Tender Technical Evaluation Procedure

3.3.2 Informative

- [2] ISO 9001: Quality Management Systems
- [3] Legal Metrological Act 9 of 2014.

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Maintenance and calibration of weighbridge scales at Kriel power Station for a period of five (5) years on “as and when” required basis

Unique Identifier: **KCA0027**

Revision: **2**

Page: **4 of 10**

[4] SANAS

[5] NRCS

3.4 DEFINITIONS

Definition	Description
Calibration	A procedure in which a licensed scale technician uses a known calibrated test weight certified in accordance with SANAS requirements, to test and adjust the response of a mechanical or electronic weighing system within a specific tolerance.
Verification	Means the procedure of examination and issuing of a verification certificate and marking with a verification mark, that ascertains and confirms that the measuring instrument complies with a legal metrology technical regulation, and includes initial verification and subsequent verification.
Inspection	Activities, which by means of examination, observation or measurement, determine the conformance of material, parts, components etc., to predetermined specifications and quality requirements.
Maintenance	A combination of all technical, administrative and managerial actions during the life cycle of an item intended to retain it in, or restore it to, a condition in which it can perform its required function.
Weighbridge software or Software	Refers to a class of software pertaining to the collection and computing or processing system of transactional scale weightment data, specifically for truck scales used to weigh heavy trucks, light trucks, or other commercial vehicles.

3.4.1 Classification

Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary).

3.5 ABBREVIATIONS

Abbreviation	Description
KPS	Kriel Power Station
SOW	Scope of work
QCP	Quality Control Procedure
TET	Technical Evaluation Team

3.6 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

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3.7 PROCESS FOR MONITORING

N/A

3.8 RELATED/SUPPORTING DOCUMENTS

N/A

4. TENDER TECHNICAL EVALUATION STRATEGY

4.2 TECHNICAL EVALUATION THRESHOLD

All mandatory technical evaluation criteria must be met for further evaluation. The minimum weighted final score (threshold) required for a tender to be considered from a qualitative technical criteria is 70%.

4.3 TET MEMBERS

The Technical Evaluation Team members are listed on the table below.

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Nini Maraba	Senior Technician
TET 2	Nini Maraba	Senior Technician
TET 3	Solly Masogo	Coal & Ash Manager
TET 4	Malusi Mlaba	System Engineer
TET 5	Renisha Chetty	System Engineer

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4.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2 Mandatory Criteria

	Description	Reference	Motivation
1.	Service Provider accreditation, test weights and technicians requirements	Mandatory Technical Criteria 1.1, 1.2 and 1.3	Legal requirement as per the Legal Metrology Act

Mandatory (Gatekeepers) Criteria			
Tenderers to meet all mandatory requirements to qualify on Technical Evaluation			
Mandatory Technical Criteria Description (Gatekeepers)		Reference to Technical Specification / Tender Returnable	Criteria Weighting (Yes/No)
1.1 Contractor must be SANAS and NRCS accredited (NRCS Designation Verification Body, NRCS Designation Repair body and SANAS Accredited verification laboratory)			
1.1.1 Contractor has SANAS and NRCS accreditation – Yes/No		SANAS/NRCS Accreditation certificates	
1.2 The contractor must have a test weights with valid SANAS Accredited calibration test certificates.			
1.2.1 The contractor has SANAS accredited test weights certificates – Yes/No.		SANAS Calibration test certificates	
1.3 The contractor has qualified scales technicians as per the Metrology Act requirements (Verification Officers and person responsible for repairs)			
1.3.1 Technicians are qualified as per the Metrology Act requirements – Yes/No.		SANAS/NRCS Certificates	
Tenderers who do not meet all of mandatory criteria will not be evaluated further.			

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4.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3 Qualitative Criteria

Qualitative Criteria				
Tenderers to Score 70% and above to qualify on Technical Evaluation				
Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Sub Weighting (%)	Criteria Weighting (%)	
2.1 The contractor must own the software			100%	
2.1.1 Contractor own the weighbridge software - 100%. 2.1.2 Contractor have a signed agreement with the software developer - 80%. 2.1.3 Contractor does not own or have a signed agreement with the software developer - 0%.	Proof of software ownership or signed contract with the software developer	40%		
2.2 The contractor must have 3 – 5 years of experience working with scales				
2.2.1 Contractor have more than 5 years working experience with weighbridge scales - 100%. 2.2.2 Contractor have 4 - 5 years working experience with weighbridge scales - 90%. 2.2.3 Contractor have 3 - 4 years working experience with weighbridge scales - 80%. 2.2.4 Contractor have 2 - 3 years working experience with weighbridge scales - 70%. 2.2.5 Contractor have working experience with weighbridge scales not more than 2 years - 50% 2.2.6 Contractor have NO working with weighbridge scales - 0%	Company Experience profile	35%		
2.3 The contractor scales technicians with 3 -5 years of experience working with scales				
2.3.1 Technicians have more than 5 years working experience with weighbridge scales - 100%. 2.3.2 Technicians have 4 - 5 years working experience with weighbridge scales - 90%. 2.3.3 Technicians have 3 - 4 years working experience with weighbridge scales - 80%. 2.3.4 Technicians have 2 - 3 years working experience with weighbridge scales - 70%. 2.3.5 Technicians have working experience with weighbridge scales not more than 2 years - 50% 2.3.6 Technicians have NO working with weighbridge scales - 0%	CV's and qualifications of technicians	20%		
2.4 Verification and calibration procedures or methodologies				
2.4.1 The contractor has approved verification and calibration procedures – 100% 2.4.2 The contractor has a verification procedure that is not approved or outdated - 75%. 2.3.3 The contractor has NO approved verification and calibration procedures – 0%	Copies of verifications and calibration procedures or methodology	5%		
Tenderers who do not meet the threshold of 70% will not be evaluated further.				

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TET MEMBER RESPONSIBILITIES

The responsibilities of the Technical Evaluation Team are listed on the table below.

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
1.1 Contractor must be SANAS and NRCS accredited (NRCS Designation Verification Body, NRCS Designation Repair body and SANAS Accredited verification laboratory)	X	X	X	X	X
1.2 The contractor must have a test weights with valid SANAS Accredited calibration test certificates.	X	X	X	X	X
1.3 The contractor has qualified scales technicians as per the Metrology Act requirements (Verification Officers and person responsible for repairs)	X	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
2.1 The contractor must own the software	X	X	X	X	X
2.2 The contractor scales technicians with 3 -5 years of experience working with scales	X	X	X	X	X
2.3 Verification and calibration procedures or methodologies	X	X	X	X	X

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4.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

4.6.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	None

Table 5: Unacceptable Technical Risks

Risk	Description
1.	None

4.6.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None

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5. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Phumi Ndebele	Senior Technician
Nini Maraba	Senior Technician
Solly Masogo	Coal & Ash Manager
Malusi Mlaba	System Engineer
Renisha Chetty	System Engineer
Thamsanqa Sibanda	Operating Manager

6. REVISIONS

Date	Revision	Compiler	Remarks
November 2020	1	N Ndebele	New Document
April 2022	2	N Ndebele	<ul style="list-style-type: none">Qualitative Criteria revisedSignatures removed on paragraph 4 as they appear on the cover page

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