



Strategy

Engineering

Title: **Tender Technical Evaluation Strategy for the Overhead Crane, Hoist and Crawler Beam Maintenance Service and Spares Supply**

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1. INTRODUCTION

The tender for the Overhead Crane, Hoist and Crawler Beam Maintenance Service and Spares Supply for Kusile Power Station Project will be issued to the market through Eskom Tender Bulletin and on national Treasury website. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this pre-qualification invite.

2. SUPPORTING CLAUSES

2.1 SCOPE

Kusile Power Station is one of the two new coal fired power stations that Eskom is currently constructing. As a unit is completed it will be handed over to Eskom Generation for operation. Overhead Crane, Hoist and Crawler Beam Maintenance Service and Spares Supply services are required for Generation to support the operation and maintenance of operational units at Kusile Power Station. The work / product covered by this contract is for the inspection, maintenance and load testing of overhead cranes, hoists and crawl beams at Kusile Power Station.

The scope of work includes the following:

- Site establishment and Preliminaries & Generals
- Provision of labour on site for daily inspections and repairs of overhead cranes, hoists and lifting equipment
- Load testing of all site lifting equipment
- Inspection and testing of all site mobile lifting equipment

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This strategy document applies to the Kusile Power station Generation team working on the maintenance section of the plant.

2.2 NORMATIVE/INFORMATIVE REFERENCES

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

2.2.1 Normative

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

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[2] 32-1034: Eskom Procurement Policy

2.2.2 Informative

[3] 240-71432150: Plant Labelling and Equipment Description Standard

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
B-BBEE	Broad Base Black Economic Empowerment
SD&L	Supplier Development and Localisation
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

Compiler	The document compiler is responsible for ensuring that this document is up-to-date and that this document is not a duplication of an existing documentation, regarding the document's objectives and content.
Functional Responsibility (BOP Maintenance Manager)	The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.
Authoriser (Maintenance Manager)	The document authoriser is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives and requirements. He/she shall authorise the release and application of the document.

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be governed by Kusile Power Station - Maintenance Execution Strategy for Cranes and Hoists, Unique Identifier: 240-103766040. This strategy provides Lifting Equipment related principles to be applied to ensure uniform application of processes within Kusile Power station. Engineering will conduct regular preventive maintenance dipstick checks and will also review this document every two years. The System Engineer updates the document revision history including "updates made in between revisions" section in the revision history every time a change to the strategy is implemented.

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2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the Overhead Crane, Hoist and Crawler Beam Maintenance Service and Spares Supply Scope of Work. A weighted score card approach will be used to evaluate the tenders against the Employer's requirements. The following scoring method will be used.

The evaluation scores will be weighted as follows:

Technical Criteria (100%)		
3.1	<p>Has the company performed similar work before and give a list of relevant reference of previous experience or Has the Contractor submitted evidence of previous experience?</p> <ul style="list-style-type: none"> • More than 10 years [35%] • 5 to 10 years [20%] • 2 to 5 years [10%] • 2 years or less [0%] <p>Note: Proof must be submitted in a form of completion certificates (minimum of 2) with contact details of references</p>	35%
3.2	<p>Appropriately skilled and qualified personnel</p> <p>a) Site Supervisor – National Diploma (Mechanical or Electrical Engineering)</p> <p>5 + Years experience [15%]</p> <p>4 Years [5%]</p> <p>0-3 Years [0%]</p> <p>b) Crane Technician – National Technical Diploma (Mechanical or Electrical Engineering and a Trade Test)</p> <p>5 + Years experience [15%]</p> <p>4 Years [5%]</p> <p>0-3 Years [0%]</p> <p>Note: Proof must be submitted in a form of copies of qualifications and curriculum vitae.</p>	30%
3.3	<p>Technical</p> <ul style="list-style-type: none"> • Has the contractor submitted list of Human resources required to carry out the project and qualifications of technical advisors (LMI registered) with experience of more than 10 years [15%] • Has the Contractor submitted key personnel qualifications which include certificate and curriculum vitae [5%] 	20%

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	-Attach project organogram	
3.4	Has the Contractor submitted a detailed list of tools and equipment (Resources) that are required to execute the contract scope of work and meet contractual obligations [5%]	5%
3.5	<p>Continuous improvement programme</p> <ul style="list-style-type: none"> Has the contractor submitted quality management or continuous improvement programs [5%] Has the contractor submitted sample of monthly or weekly report [5%] 	10%
TOTAL (100%)		
Overall minimum threshold for qualification (70%)		

4. TET MEMBERS

Table 4.1: TET Members

TET number	TET Member Name	Designation
TET 1		
TET 2		
TET 3		
TET 4		

5. MANDATORY TECHNICAL EVALUATION CRITERIA

In order to be eligible for evaluation the tenderer **shall meet the following gatekeepers:**

Table 5.1: Mandatory Technical Evaluation Criteria

C1 - Mandatory Technical Criteria Description	
	<ul style="list-style-type: none"> Current and Valid Registration of the company with the Department of Labour as a Lifting Machinery Entity (LME) - Submit valid proof of registration in a form of a copy of the registration certificate
	<ul style="list-style-type: none"> Registration of a minimum of three company staff members as Lifting Machinery Inspectors with the Engineering Council of South Africa (ECSA) - Submit valid proof of registration in a form of a copy of the registration certificate

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6. TET MEMBER RESPONSIBILITIES

Table 6.1: TET Member Responsibilities

TET number	Mandatory Criteria Number and Qualitative Technical Evaluation Criteria	Designation
TET 2	Compliance to User Requirements Assessment	Kusile Senior Advisor Mechanical
TET 3	Compliance to Technical Requirements Assessment	Civil Engineer
TET 4	Compliance to User Requirements Assessment	Senior Supervisor Technical

TET number	Objective criteria will be applied to the tender in terms of the PPPFA.	Designation
TET 1	Compliance to Technical Requirements Assessment	BOP Maintenance Manager

7.1 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

7.1.1 Risks

Table 7.2: Acceptable Technical Risks

Risk	Description
1.	No alternative tender will be acceptable at tender stage.

Table 7.3: Unacceptable Technical Risks

Risk	Description
1.	Exclusions of scope specified in the employers requirements

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7.1.2 Exceptions/Conditions

Table 7.4: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 7.5: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation from technical requirement

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2. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation

3. Revisions

Date	Rev.	Compiler	Remarks
May 2022	0		Final Report

4. Development team

This document has been developed by:

Name & Surname	Designation

5. ACKNOWLEDGEMENTS

N/A

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