

Title: **Tender Technical Evaluation  
Strategy for Duvha Power  
Station for maintenance of the  
Overland, OTS and Staithes  
Conveyor systems scope**

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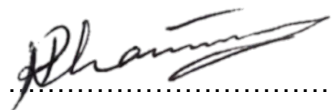
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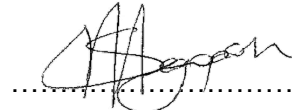
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## 1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of obtaining a suitable service provider for Duvha Power Station for the maintenance of the Overland, OTS and Staithes Conveyor systems.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

This document covers the technical evaluation criteria to be utilised for the process of evaluating the tender submissions for the Duvha Power Station for maintenance of the Overland, OTS and Staithes Conveyor systems.

#### 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 document is applicable to Duvha Power Station

### 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
- [2] 240-44682850: PCM - Provide Engineering During Project Sourcing
- [3] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [4] 32-1034: Eskom Procurement and Supply Management Procedure.

#### 2.2.2 Informative

- [5] Duvha Power Station the maintenance of the Overland, OTS and Staithes Conveyor systems scope of work.

### 2.3 DEFINITIONS

**2.3.1.1 Enquiry:** A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.

**2.3.1.2 Tender:** A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

**2.3.1.3 Contractor:** Service provider, consultant or Contractor that is approved by the Employer.

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### 2.3.1 Classification

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

### 2.4 ABBREVIATIONS

Abbreviation	Description
NEC	New Engineering Contract
PCM	Process Control Management
TET	Technical Evaluation Team

### 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

### 2.6 PROCESS FOR MONITORING

The primary process that shall be used for monitoring the application of this document is 240-48929482: Tender Technical Evaluation Procedure

### 2.7 RELATED/SUPPORTING DOCUMENTS

- [6] 240-53716746: Tender Technical Evaluation Report Template
- [7] 240-53716712: Tender Technical Evaluation Results Form Template
- [8] 240-53716726: Tender Technical Evaluation Scoring Form Template

## 3. TENDER TECHNICAL EVALUATION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 80%. Eskom reserves the right to consider and negotiate with tenderers who scores between 70 and 79%, only if none of the bidders scored 80% or above and or if those scored 80% or above are not commercially acceptable. This is a critical plant which supplies coal to the station and work as a pay point between Seriti Mine and Duvha Power Station hence the threshold of 80% required.

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**Table 1: Technical Scoring Methodology**

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	<b>COMPLIANT</b> <ul style="list-style-type: none"> <li>Meet the technical requirement(s) AND,</li> <li>No foreseen technical risk(s) in meeting technical requirements</li> </ul>
4	80	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"> <li>Meet the technical requirement(s) with,</li> <li>Acceptable technical risks AND/OR;</li> <li>Acceptable exceptions AND/OR;</li> <li>Acceptable conditions</li> </ul>
2	40	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR;</li> <li>Unacceptable exceptions AND/OR;</li> <li>Unacceptable conditions</li> </ul>
0	0	<b>Totally deficient of non-responsive</b>

**Note 1:** The scoring table does not allow for scoring of 1 and 3.

**Note 2:** Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.

### 3.2 TET MEMBERS

**Table 2: TET Members**

TET number	TET Member Name	Designation
TET 1	Azariel Phatela	Snr Technician Engineering (Auxiliary)
TET 2	Frederick Segopotse	Snr Technician Technical (CMD)

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### 3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

**Table 3: Mandatory Technical Evaluation Criteria**

	<b>Mandatory Technical Criteria Description</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Motivation for use of Criteria</b>
1.	Equipment / Workshop ownership or lease agreement.  Note: all proof must be submitted/ done in a form of signed Affidavit	Tenderers shall attach a proof of ownership or lease agreement in a form of Affidavit:  a. Laser Alignment Equipment/ machine and valid calibration certificate done by authorised company.  b. Hot splice press machine suitable for 1500mm belt width and valid calibration certificate done by authorised company.  c. CO2 Welding Machine  d. Heavy Duty bearing puller suitable for pulling bearing on 200mm diameter shaft.	The requirement is for critical daily work/ task to maintain the conveyor belt system in order to ensure reliability and safe plant for people to work on.
2.	Company Registration	Company must have a minimum of 4 years in operation with traceable records. Provide copy of company registration documents.	To ensure quality and accountability during maintenance.

## QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 4: Qualitative Technical Evaluation Criteria**

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
<b>1.</b>	<b>Conveyor maintenance skill Criteria</b>			<b>100</b>	
	1.1	<b>Previous projects completed:</b> Provide proof of relevant experience in the maintenance of conveyor belt. Submit at least Two (2) verifiable references for previous work on maintenance of conveyor belts. Completion certificates, Order numbers or current appointments signed by both parties shall be attached for each reference indicating the following: <ul style="list-style-type: none"> <li>• Project name</li> <li>• Principal contractor</li> <li>• Client</li> <li>• Description of work performed in details.</li> <li>• Project cost (only for scope performed)</li> <li>• Name, designation and contact number of reference person</li> </ul>	5 = Two projects or more evidence 4 = one project evidence 2 = Non-compliant 0 = Deficient or non-responsive		

	1.2	<p><b>Skill</b></p> <ul style="list-style-type: none"> <li>• <b>Mechanical Technician</b> with National Diploma in mechanical engineering and minimum of 5 years work experienced in conveyor belt system. Submit copy of diploma certificate and CV with references.</li> <li>• <b>Mechanical Supervisor:</b> Mechanical national diploma certificate or equivalent technical qualification as per SAQA. Trade test Mechanical certificate, Supervisory Course: proof of training/ certificate. Conveyor System Knowledge (6 years' experience) CV as a proof with traceable references.</li> <li>• <b>Mechanical fitter</b> (Copy of trade test certificate) and minimum 4 years' experience on conveyor belt maintenance (CV).</li> <li>• <b>Electrician</b> (Copy of trade test certificate) and minimum 4 years' experience on conveyor belt maintenance (CV).</li> <li>• <b>Welder</b> (Copy of trade test certificate) and minimum 3 years' experience on heavy industries (CV).</li> <li>• <b>Boilermaker</b> (Copy of trade test certificate) and minimum 3 years' experience on heavy industries (CV).</li> <li>• <b>Rigger</b> (Copy of trade test certificate) and minimum 3 years' experience on heavy industries (CV).</li> </ul>	<p>Copy of required certificate and CV</p> <p>Copies of required certificates and CV</p> <p>Copy of required certificate and CV</p> <p>Copy of required certificate and CV</p> <p>Copy of required certificate and CV</p> <p>Copy of required certificate and CV</p>		
				<b>TOTAL: 100</b>	



The scoring criteria are as follows:

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
1.	<b>Previous projects completed</b>		5 = 2 or more verifiable completed similar scope completed 4 = 1 verifiable completed similar scope completed. 2 = No verifiable completed similar scope 0 = No attached technical requirements
2.	<b>Skill</b>		5 = Both CV and all certificates submitted for required skill 4 = Only CV or required certificates submitted for required skill (at least 80% or above submitted) 2 = CV and certificates submitted not related to the required skill 0 = No attached technical requirements

### 3.4 TET MEMBER RESPONSIBILITIES

Company name: .....

**TABLE 5: TET MEMBER RESPONSIBILITIES**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1	X	X
2	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1.1	X	X
1.2	X	X
1.3	X	X
1.4	X	X
1.5	X	X
1.6	X	X
1.7	X	X

### 3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.5.1 Risks

**Table 6: Acceptable Technical Risks**

Risk	Description
1.	Alternative (equivalent) Technology being used instead of the preferred

**Table 7: Unacceptable Technical Risks**

Risk	Description
1.	Technology used that does not produce desired result as per scope of work requirement
2.	Performance guarantees not given for the work done
3.	Lack of local support for the equipment or technology used
4.	Complex data analysis technique used

#### 3.5.2 Exceptions / Conditions

**Table 8: Acceptable Technical Exceptions / Conditions**



Risk	Description
1.	Delays due to the elements which may prolong the project duration

**Table 9: Unacceptable Technical Exceptions / Conditions**

Risk	Description
1.	All conditions must be met

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation	Signature
Nelly Hlophe	Auxiliary Engineering Manager	
Jeremia Malatjie	CMD Project Co-Ordinator Technical	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2023	0	AH PHATELA	Final Draft Document

#### 6. DEVELOPMENT TEAM

N/A

**NOTE: all certificates must be certified and valid.**

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