

Title: **Tender Technical Evaluation
Strategy for Maintenance of
Civil Structures and Properties
at Duvha Power Station for the
duration of 60 months contract.**

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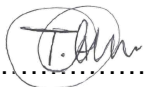
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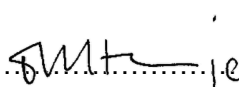


T Zondo

**Civil Maintenance
Supervisor**

Date: 2025/12/12.....

Functional Responsibility

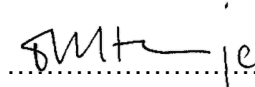


L Mthimunya

**Auxiliary Maintenance
Manager**

Date: 2025/12/12.....

Authorised by



L Mthimunya

**Auxiliary Maintenance
Manager**

Date: 2025/12/12.....

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	4
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	6
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	7
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	7
3.5 TET MEMBER RESPONSIBILITIES.....	13
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	14
3.6.1 Risks.....	14
3.6.2 Exceptions / Conditions.....	15
4. AUTHORISATION	16
5. REVISIONS	16
6. DEVELOPMENT TEAM.....	16
7. ACKNOWLEDGEMENTS.....	16

TABLES

Table 1: Technical Scoring Methodology	5
Table 2: TET Members	6
Table 3: Qualitative Technical Evaluation Criteria	7
Table 4: TET Member Responsibilities.....	13
Table 5: Acceptable Technical Risks.....	14
Table 6: Unacceptable Technical Risks	14
Table 7: Acceptable Technical Exceptions / Conditions	15
Table 8: Unacceptable Technical Exceptions / Conditions	15

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1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of setting out the technical requirements for evaluating tenderers to obtain a qualified and technically suitable service provider for the maintenance of Civil Structures and Properties at Duvha Power Station for the duration of 60 months contract. The scope of work consists of civil structures such as the coal stock yard, roads (bitumen and gravel), general buildings, substations, chimneys, cooling towers, machine foundations, boiler house, turbine hall, cable tunnels, cladding & sheeting, bridges, storm and wastewater drainage system, Water Treatment Plant structures, Sewage Plant structures, etc.

The Maintenance of Civil Structures and Properties at Duvha Power Station for the duration of 60 months contract aims at addressing the structural and architectural routine and accidental damages and all defects as they occur. It will also improve the civil infrastructures performance and compliance with construction regulations under the occupational health and safety act 85 of 1993.

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 maintenance of Civil Structures and Properties at Duvha Power Station for the duration of 60 months contract.

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] 240-168966153: Generation Tender Technical Evaluation Procedure

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- [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

- [1] Duvha Power Station Civil and Structures Maintenance 5 years contract scope for work
- [2] TSC3 - Duvha Power Station Civil and Structures Maintenance 5 years contract at Duvha Power Station

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
OHS Act	Occupational Health and Safety Act No 85 of 1993
PPE	Personal Protective Equipment
PS	Power Station
PSR	Plant Safety Regulations
QC	Quality Control
QCP	Quality Control Plan
QM	Quality Management
SANS	South African National Standards
SE	System Engineer
SHEQ	Safety, Health, Environment and Quality

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153 Generation Technical Tender Evaluation Procedure (Rev 1)

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2.6 PROCESS FOR MONITORING

The primary process that shall be used for monitoring the application of this document is 240-168966153 Generation Technical Tender Evaluation Procedure (Rev 1).

2.7 RELATED/SUPPORTING DOCUMENTS

- [1] 240-53716746: Tender Technical Evaluation Report Template
- [2] 240-53716712: Tender Technical Evaluation Results Form Template
- [3] 240-53716726: Tender Technical Evaluation Scoring Form Template

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation. Eskom reserves the right to negotiate or consider tenderers that obtained a score between 65 and 69%.

The technical criteria and weighting are broken down as follows:

- a) Technical: 100%
- b) Safety Health Environmental and Quality (SHEQ): Objective

The SHEQ objective criteria are not included in this document as it does not form part of the technical scope.

The evaluation of the tender submission will be based on the tenderer's ability to meet the technical requirements. A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements.

Table 1: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet the technical requirement(s) AND,• No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS

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		<ul style="list-style-type: none"> • Meet the technical requirement(s) with, • Acceptable technical risks AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

3.2 TET MEMBERS

Table 2: TET Members

The full-time core technical evaluation team will consist of the following team members (in-line with the Generation Technical Tender Evaluation Procedure, 240-168966153)

The part time/support team member shall be required to fill in a technical evaluation form, if their names are marked as mandatory (X), next to a criterion. The part time/ support team member may not be required to fill in a technical evaluation form if their names are marked as optional (O) next to a criterion but shall assist the main members where necessary.

TET number	TET Member Name	Designation
TET 1	Thulani Zondo	Snr Supervisor Tech Maintenance Civil
TET 2	Vusi Chirwa	System Engineer: Civil and Structures
TET 3	Thilivhali Muthakhi	System Engineer: Civil and Structures
TET 4	Lamlile Mthimunye	Manager: Auxiliary Maintenance

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

N/A

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Company Experience			30	
	1.1	<p>COMPLETED SIMILAR WORKS</p> <p>This covers the experience of the company. The company must have completed at least three (3) projects or contract of similar scope (concrete works, plumbing, carpentry, brickwork, etc. as stipulated in this contract scope of work). The previously completed projects or contracts of the company must entail civil and structural maintenance, renovations or alterations works. Signed completion certificates or letters must be submitted, each certificate or letter shall consist of the following information:</p> <ul style="list-style-type: none"> Client name, 	Copies of Completion certificates		100%

**Tender Technical Evaluation Strategy for
Maintenance of Civil Structures and Properties at
Duvha Power Station for the duration of 60 months
contract**

Unique Identifier:

Revision: **0**

Page: **8 of 16**

		<ul style="list-style-type: none"> • Project description, (details scope of work if description not clear) • Project cost, • Project start & end date. • Project location • Name, designation and contact number of references person <p>In an event where the completion certificated does not have all the above details, the tenderer shall attach any supporting document that contain the information to support the completion certificate or letter (e.g. signed contract).</p>			
2.	Key Personnel			70	
	2.1	<p>SKILLED PERSONNEL/ARTISANS</p> <p>a) The contractor shall provide trade certificates and CVs reflecting at least one (1) year (indicating start and end month of employment) of relevant experience in their field of work for the following artisans:</p> <ul style="list-style-type: none"> • Carpenter • Painter • Bricklayer • Plumber 	Copies of Trade/ Competency certificates and CVs.		50%

**Tender Technical Evaluation Strategy for
Maintenance of Civil Structures and Properties at
Duvha Power Station for the duration of 60 months
contract**

Unique Identifier:

Revision: **0**

Page: **9 of 16**

		<p>b) The contractor shall provide competency certificates and CVs reflecting at least one (1) year ((indicating start and end month of employment) of relevant experience in their field of work for the following skills:</p> <ul style="list-style-type: none"> • Tiler 			
	2.2	<p>CONSTRUCTION SITE/PROJECT MANAGER</p> <p>The contractor shall provide a CV of a Construction Site/Project Manager that meets one of the following requirements:</p> <ul style="list-style-type: none"> • A National Diploma or a higher qualification in Civil Engineering with a Supervisory/Management training as well as a safety related certificate (HIRA, OHS act or legal liability). <p>or</p> <ul style="list-style-type: none"> • A National Diploma or a higher qualification in Project or Construction Management and a safety related certificate (HIRA, OHS act or legal liability). <p>The construction site/project manager shall have a minimum of 5 years' experience in construction or</p>	Copy of qualifications and a CV with contact references		30%

**Tender Technical Evaluation Strategy for
Maintenance of Civil Structures and Properties at
Duvha Power Station for the duration of 60 months
contract**

Unique Identifier:

Revision: **0**

Page: **10 of 16**

		industrial environment with at least three years at supervisory or management level.			
	2.3	CONSTRUCTION SUPERVISORS The contractor shall provide CVs for two construction supervisors with one of the following qualifications: A Nated Diploma/National N Diploma or a National Diploma in Civil Engineering, supervisory training and valid OHS Act/Legal/HIRA safety training course as minimum requirements. Each supervisor must have a minimum of 3 years working experience in construction or industrial engineering field. The working experience must be included in the CV with start and end, in months and years.	Copies of qualification certificates and CV with contact references		20%
				TOTAL: 100	

Qualitative Technical Evaluation Criteria	Score [0,2,4,5]	Scoring Criteria
1.Work Experience		
1.1. Company works experience		5 = 3 or more verifiable similar completed projects submitted 4 = 2 verifiable similar completed projects submitted 2 = 1 verifiable similar completed project submitted

**Tender Technical Evaluation Strategy for
Maintenance of Civil Structures and Properties at
Duvha Power Station for the duration of 60 months
contract**

Unique Identifier:

Revision: **0**

Page: **11 of 16**

		0 = no verifiable similar completed projects submitted
2. Key Personnel		
2.1. Skilled Personnel/Artisans		<p>5 = CVs and qualifications for all twelve skilled personnel/Artisans submitted with required qualification and minimum of 1 year work experience.</p> <p>4= CVs and qualifications for 8 skilled personnel/artisans submitted with required qualification and minimum of 1 year work experience.</p> <p>2 = CVs and qualifications for 4 of the skilled personnel/artisans submitted with required qualification and minimum of 1 year work experience.</p> <p>0 = No Submission of CVs and Qualifications or submitted with missing CV or qualifications.</p>
2.2. Construction Site/Project Manager		<p>5 = CV and required qualifications submitted with 5 or more years of relevant experience.</p> <p>4 = CV and required qualifications submitted with 3 or more years of relevant experience, but less than 5 years.</p> <p>2 = CV and required qualifications submitted with 1 or more years of relevant experience, but less than 3 years.</p> <p>0 = CV and required qualifications submitted with less than 1 year of work experience or no attached CV and qualification</p>
2.3. Construction Supervisors		<p>5 = 2 CVs and required qualifications submitted with 3 or more years of relevant experience.</p> <p>4 = 2 CVs and required qualifications submitted with at least 1 of the CVs reflecting 3 or more years of relevant experience.</p> <p>2 = 2 CVs and required qualifications submitted with both the CVs reflecting less than 3 years of relevant experience.</p> <p>2 = Only 1 CV and required qualifications submitted with at least 3 years of experience.</p>

**Tender Technical Evaluation Strategy for
Maintenance of Civil Structures and Properties at
Duvha Power Station for the duration of 60 months
contract**

Unique Identifier:

Revision: **0**

Page: **12 of 16**

		0 = No Submission of CVs and Qualifications or submissions not meeting requirements.

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Key: X = Mandatory; O = Optional

Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1.	X	X	O	O
2.1.	X	X	O	O
2.2.	X	X	O	O
2.3.	X	X	O	O

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Completed similar works - 2 verifiable similar completed projects submitted
2.	Skilled Personnel/Artisans - CVs and qualifications for all skilled personnel/artisans submitted with 4 or less of the CVs reflecting less than 1 year of work experience.
3.	Construction Site/Project Manager - CVs and qualifications submitted with 3 or more years of relevant experience, but less than 5 years.
4.	Construction Supervisors - 2 CVs and qualifications submitted with only 1 of the CVs reflecting 3 or more years of relevant experience.

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Completed similar works - 1 verifiable similar completed projects submitted.
2.	Skilled Personnel/Artisans - CVs and qualifications for all skilled personnel/artisans submitted with more than 4 of the CVs reflecting less than 1 year of work experience.
3.	Construction Site/Project Manager - CVs and qualifications submitted with less than 3 years of experience.
4.	Construction Supervisors - 2 CVs and qualifications submitted with both the CVs reflecting less than 3 years of relevant experience or only 1 CV and qualifications submitted with less than 3 years of relevant experience.

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None
2.	
3.	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None
2.	
3.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
V Chirwa	System Engineer: Civil and Structures	
T Muthakhi	System Engineer: Civil and Structures	

5. REVISIONS

Date	Rev.	Compiler	Remarks
April 2024	A	T Zondo	First Draft
May 2024	B	V Chirwa	Second Draft for stakeholder's review
May 2024	C	V Chirwa	Incorporation of comments
May 2024	0	V Chirwa	Final Draft for Authorisation
December 2025	Rev 1	T Zondo	Final Second Draft for Authorisation

6. DEVELOPMENT TEAM

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

V Chirwa

7. ACKNOWLEDGEMENTS

N/A

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