

	<b>Strategy</b>	<b>Engineering</b>
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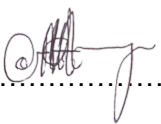
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Date: <u>20/02/2025</u>	Date: .....	Date: .....

## **EXECUTIVE SUMMARY**

This report is to give an insight on the Technical Evaluation Criteria Strategy and the Tender Evaluation Team members. It also discusses the mandatory and quantitative criteria's to be followed during Technical Evaluation from the Tender returnable.

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## 1. INTRODUCTION

Matla Power Station intends to engage a service provider to perform visual statutory structural inspections, conduct testing on the structures, and provide a comprehensive report with recommendations. The scope of structural testing will include, but is not limited to, the identification of abnormalities such as settlement, loss of strength, steel deformation, chemical attack, and other related issues.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

MEA – 06574 Statutory Annual Structural Inspection for a period of 5 years.

#### 2.1.1 Purpose

The purpose of this tender technical evaluation report is to finalize the Technical Evaluation Criteria that will be applied in the assessment of the tender returnables.

#### 2.1.2 Applicability

This document applies to Matla Power Station Engineering Department.

### 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

#### 2.2.2 Informative

[2] MEA – 06574 Statutory Annual Structural Inspection for a period of 5 years.

### 2.3 DEFINITIONS

#### 2.3.1 Classification

- a. **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited.

### 2.4 ABBREVIATIONS

Abbreviation	Description
B-BBEE	Broad- Based Black Economic Empowerment
ECSA	Engineering Council of South Africa
SD&L	Supplier Development and Localisation

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Abbreviation	Description
SHE	Safety , Health & Environmental

## 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

N/A

## 2.7 RELATED/SUPPORTING DOCUMENTS

N/A

## 3. TENDER TECHNICAL EVALUATION REPORT

### 3.1 TECHNICAL EVALUATION STRATEGY

The tenders will be evaluated in accordance with the Technical Evaluation Criteria outlined below. The following criteria will be assessed for all tenders received.

1. Mandatory Technical Requirements
2. Functionality – Qualitative technical Requirements
3. Price and B-BBEE Preference Points
4. Objective Criteria (SHE & SD&L requirements)

The technical criteria will comprise the Mandatory Technical Requirements and Qualitative Technical Requirements, corresponding to steps one and two of the evaluation process. The scope of the tender is primarily focused on the Civil Discipline, and as such, the technical criteria will be limited to civil-related aspects only. To be considered from a technical standpoint, a tender must achieve a minimum weighted final score of 75%.

#### 3.1.1 Mandatory Technical Requirements

- The mandatory requirement is the CIDB with Minimum of 3 CE.
- ECSA Registered Professional Civil Engineer (Structural Engineer)

CIDB (Certificate)	0%	100%
PR Eng. Civil (ECSA Certificate)	0%	100%

#### 3.1.2 Functionality – Qualitative Technical Requirements

The functionality assessment constitutes the second phase of the evaluation process, with a total weighting of 100%. The tenderer must achieve a minimum score of 75% across the technical criteria to be considered qualified. These criteria are divided into five (5) sub-criteria, each assigned a specific weighting as detailed in the table below.

**Table 2: Qualitative Technical Criteria Weightings**

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Criteria	0	40%	80%	100%
<b>Provide 3 traceable evidence of executed work, contracts / purchase order. (20%)</b> <ul style="list-style-type: none"> <li>Visual Structural Inspection</li> <li>Structural Shape Survey studies</li> <li>ND Testing</li> </ul>	No evidence provided= 0%	Provided traceable evidence= 40%	Provided 2 traceable evidence= 80%	Provided 3 or More traceable evidence= 100%
<b>Work Programme and method statement (20%)</b> Submit detail programme with activity or task duration clearly indicated. Method Statement clearly indicating the how the scope is going to be executed. <ul style="list-style-type: none"> <li>Planning Preparation of works</li> <li>Execution,</li> <li>Tools List</li> <li>Program and turnaround time on reports</li> <li>Risk Assessment for working at heights on aging infrastructure and corroded structural members.</li> </ul> To be signed by PR Eng. / Director. If not signed, 0% score will be given.	Submitted but addressing 1 - 2= 0%	Submitted but addressing 3 points = 40%	Submitted but addressing 4 points = 80%	Submitted and addressing all points = 100%
<b>Submit company Inspection check sheet with QCPs: (20%)</b> Inspection checklist for Mega structures <ul style="list-style-type: none"> <li>Towers, (3%)</li> <li>Smoke Stack / Chimney, (3%)</li> <li>Silos, (3%)</li> <li>Coal Staithes (3%)</li> <li>Units (3%)</li> </ul> 1*Inspection Checklist on Roads (2.5%) 1*Inspection checklist on Buildings (2.5%)	Not submitted 0%	Submitted (1-3) and Incomplete= 40%	Submitted (4-6) and Incomplete= 80%	Submitted and Complete= 100%
<b>ECSA Candidate Engineer (20%)</b> Submit a CV and Qualification(s) for a registered ECSA Candidate Civil Engineer with a minimum of 5 years' experience within the civil engineering industry.	No qualification or Less than 1 year of experience = 0%	Certificate with 3 year of experience = 40%	Certificate with 4 year of experience = 80%	Certificate with 5 year of experience = 100%
<b>Drone Pilot (3 -5) Years of experience in the field of drone Inspections. (20%)</b>	No qualification or Less than 3 year of	Certificate with 3 year of	Certificate with 4 year of	Certificate with 5 year of

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	experience = 0%	experience = 40%	experience = 80%	experience = 100%
Threshold 75%				

#### 4. TET MEMBERS.

All members of the Technical Evaluation Team (TET) shall be formally designated in writing by the appropriate Engineering Manager(s), who will assess and confirm the competence of these individuals to carry out the responsibilities of a technical evaluator.

TET 1	
TET 2	

#### 4.1 TENDER TECHNICAL RETURNABLES RECEIVED

N/A

#### 4.2 TECHNICAL CLARIFICATIONS

##### 3.3.1 Summarise all clarification requests

N/A

##### 3.3.2 Discuss / Summarise tender clarification responses

N/A

##### 3.3.3 Include all Clarification Session Minutes in Appendix, if applicable

N/A

#### 4.3 TECHNICAL EVALAUTION RESULTS

##### 4.3.1 Summary of evaluation results

N/A

##### 4.3.2 Interpretation of evaluation results

N/A

##### 4.3.2.1 Mandatory Evaluation Results

N/A

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#### 4.3.2.2 Qualitative Evaluation Results

N/A

#### 4.4 TECHNICAL INPUTS FOR PRICE ADJUSTMENTS

N/A

#### 4.5 CONCLUSIONS

The Technical Evaluation Criteria will be used as the final document to technically score the tenderer. The final result will be combined from the two evaluators and averaged to conclude the results.

#### 5. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Fatty Mahlangu	Civil Engineer
Gavin Phelelo	Auxiliary Engineering Manager
Lindokuhle Ngobese	Middle Manager- Engineering Manager

#### 6. REVISIONS

Date	Rev.	Compiler	Remarks
2025/01/23	0	FG Mahlangu	Final Document For Technical Evaluation Criteria

#### 7. DEVELOPMENT TEAM

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

- Fatty Mahlangu

#### 8. ACKNOWLEDGEMENTS

None

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## 9. APPENDIX 1: INDIVIDUAL SCORING FORMS

Criteria	0	40%	80%	100%
<b>Provide 3 traceable evidence of executed work, contracts / purchase order. (20%)</b> <ul style="list-style-type: none"> <li>Visual Structural Inspection</li> <li>Structural Shape Survey studies</li> <li>ND Testing</li> </ul>	No evidence provided= 0%	Provided traceable evidence= 40%	Provided traceable evidence= 80%	Provided 3 or More traceable evidence= 100%
<b>Work Programme and method statement (20%)</b> Submit detail programme with activity or task duration clearly indicated. Method Statement clearly indicating the how the scope is going to be executed. <ul style="list-style-type: none"> <li>Planning Preparation of works</li> <li>Execution,</li> <li>Tools List</li> <li>Program and turnaround time on reports</li> <li>Risk Assessment for working at heights on aging infrastructure and corroded structural members.</li> </ul> To be signed by PR Eng. / Director. If not signed, 0% score will be given.	Submitted but addressing 1 - 2= 0%	Submitted but addressing 3 points = 40%	Submitted but addressing 4 points = 80%	Submitted and addressing all points = 100%
<b>Submit company Inspection check sheet with QCPs: (20%)</b> Inspection checklist for Mega structures <ul style="list-style-type: none"> <li>Towers, (3%)</li> <li>Smoke Stack / Chimney, (3%)</li> <li>Silos, (3%)</li> <li>Coal Staitthes (3%)</li> <li>Units (3%)</li> </ul> 1*Inspection Checklist on Roads (2.5%) 1*Inspection checklist on Buildings (2.5%)	Not submitted 0%	Submitted (1-3) and Incomplete = 40%	Submitted (4-6) and Incomplete= 80%	Submitted and Complete= 100%
<b>ECSA Candidate Engineer (20%)</b>	No qualification or Less than	Certificate with 3 year of	Certificate with 4 year of	Certificate with 5 year of

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Submit a CV and Qualification(s) for a registered ECSA Candidate Civil Engineer with a minimum of 5 years' experience within the civil engineering industry.	1 year of experience = 0%	experience = 40%	experience = 80%	experience = 100%
<b>Drone Pilot (3 -5) Years of experience in the field of drone Inspections. (20%)</b>	No qualification or Less than 3 year of experience = 0%	Certificate with 3 year of experience = 40%	Certificate with 4 year of experience = 80%	Certificate with 5 year of experience = 100%
<b>Threshold 75%</b>				

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## 10. APPENDIX 2: SCORING RESULTS FORM

N/A

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## 11. APPENDIX 3: MINUTES OF MEETINGS

N/A

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## 12. APPENDIX 4: NON-RESPONSIVE ITEM LISTS

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