

	Technical Evaluation Strategy	Engineering
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1. INTRODUCTION

There are several type and size of power cables and cable racks that are installed and used at Duvha Power Station. These cables and racks need to be replaced whenever they are faulty and damaged. A Contractor is required to is required to conduct a replacement of the faulty or damaged cables and racks as and when required.

This document outlines the technical evaluation criteria stating how the tenderer to execute the Replacement of Power Cable and Cable Rack As and When Required Scope of Work will be evaluated on the technical information that will be supplied

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the different aspects that will be evaluated and scored by the Technical Evaluation Team (TET). The team members are listed and appointed in this document along with their responsibilities.

The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

Once the Technical Evaluation Strategy is authorised, no changes will be made to the evaluation criteria without appropriate authorisation.

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 tender technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document is applicable to the tenderer(s) for Replacement of Power Cable and Cable Rack As and When Required Scope of Work at 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] 32-1034: Eskom Procurement Policy
- [3] 382-171422 : Duvha Power Station - Replacement of Power Cable and Cable Rack As and When Required

2.2.2 Informative

[4] 240-53113685: Design Review Procedure

[5] 240-53114026: Project Engineering Change Management Procedure

2.3 DEFINITIONS

Definition	Description
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification

2.3.1 Disclosure Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
EDWL	Engineering Design Work Lead
LDE	Lead Discipline Engineer
N/A	Not Applicable
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482, Tender Engineering Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Scope of Work - Replacement of Power Cable and Cable Rack As and When Required

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD & METHOD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted nor point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

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Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met.

The minimum weighted final score (threshold) required for a tenderer to be considered from a technical perspective is 70%.

The evaluation of the tender submission will be based on the tenderer's ability to meet the Engineering requirements.

The scoring method will be as stipulated in Table 4.

3.2 TET MEMBERS

The full time core technical evaluation team will consist of the following team members (in-line with the Tender Engineering Evaluation Procedure, 240-48929482) in Table 1:

Table 1: TET Members

TET number	TET Member Name	Designation
1	Sakhy Mnguni	Electrical Engineering – Senior Technician
2	Brian Makam	Electrical Maintenance – Senior Technician

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. These members may be as follows in Table 2:

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

No	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	A registered Electrical Contractor with Department of Labour (DoL)	<i>"A Valid Certificate (letter) Copy of registration as an Electrical Contractor from DoL"</i>	Legislative
2.	A certified Three Phase Electrician with Department of Labour (DoL)	<i>"A Valid Certificate (license) Copy of a certified Three Phase Electrician from DoL"</i>	Legislative
3.	A CV of the Three Phase Electrician	<i>"A Comprehensive CV and Qualification"</i>	Integrity

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3.4 QUALITATIVE CRITERIA EVALUATION

During the tender evaluations, the following Table 4 shall be used by the TET members to score each criterion:

Table 3: Qualitative Evaluation Criteria Scoring Table

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">Meet technical requirement(s) AND;No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">Meet technical requirement(s) with;Acceptable technical risk(s) AND/OR;Acceptable exceptions AND/OR;Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none">Does not meet technical requirement(s) AND/OR;Unacceptable technical risk(s) AND/OR;Unacceptable exceptions AND/OR;Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
Note 1: The scoring table does not allow for scoring of 1 and 3		

3.5 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 (%)
1.				100	
	1.1	Preliminary Method Statement on how the scope of work will be performed	<p>Relevant preliminary method statement for execution of the works including sequence the tasks in the scope of work.</p> <p>The completeness and relevance to the scope will be assessed.</p> <p>Not submitted : 0 Completeness (less than 80%) : 2 Completeness (80% or above): 4 Complete : 5</p>		30
	1.2	Proposed staff allocation to the project (Organogram with key personnel indicated for design and construction).	<p>Proposed organogram (for construction supervision);</p> <p>Not submitted : 0 Completeness (less than 80%) : 2 Completeness (80% or above): 4 Complete : 5</p>		20

	1.3	CV's of all relevant personnel showing at least 5 years experience.	CVs and Qualifications of all key personnel Not submitted : 0 0 – 2 year : 2 2 – 4 year : 4 5 years and above : 5		20
	1.4	Tenderer track record showing at least 5 completed similar work.	Track record (showing at least 5 completed similar work). Not submitted : 0 0 – 2 record : 2 2 – 4 record : 4 5 record and above : 5		30

3.5.1 TET Member Responsibilities

Key: X = Mandatory;

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
2	X	X
3		
Qualitative Criteria Number	TET 1	TET 2
1.1	X	X
1.2	X	X
1.3	X	X
1.4	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

It is anticipated that various risks, exceptions and conditions will be identified during the clarification and negotiation process. Each of those will be considered and evaluated individually to determine whether they are acceptable, unacceptable or whether suitable mitigation measures can be agreed upon.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Andile Nqayane	Duvha Electrical Engineering Manager
Maila Mamoleka	Duvha Middle Engineering Manager (Acting)

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2024	0	Sakhy Mnguni	1 st Issued

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6. DEVELOPMENT TEAM

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

- Sakhy Mnguni

7. ACKNOWLEDGEMENTS

- Electrical Maintenance Department