

	<b>Technical Evaluation Strategy, and Criteria</b>	<b>Maintenance</b>
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Contract. Technical Evaluation  
Strategy**

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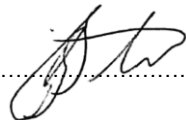
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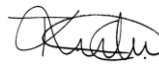
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## **1. INTRODUCTION**

The aim of this document is to highlight the strategy to follow by the technical evaluation team that are appointed to evaluate the Technical Returnable documentation for the Electrical Maintenance Services Contract Scope of Work (SOW) at Camden Power Station for a period of 60 months. The basis of this strategy herein is the Technical Evaluation Guideline 474-011.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document refers to the Camden Electrical maintenance Services Contract SOW at Camden Power Station for a period of 60 months, in which a contractor will be contracted to execute the Electrical SOW (refer to Doc no: 240-114042908).

The document covers aspects that will be evaluated and scored by the Technical Evaluation Team (TET).

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

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Qualifications

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 Technical Evaluation Team responsibilities for the tender technical evaluation. The technical evaluation strategy serves as a basis for the tender evaluation process.

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### **2.1.2 Applicability**

This document applies to the Camden Power Station and can be a reference document to Eskom Group Technology and Commercial.

## **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] ISO 9001 Quality Management Systems.

### **2.2.2 Informative**

- [1] 240 – 114042908: Electrical Maintenance Services Contract Scope of Work (SOW) at Camden Power Station for a period of 60 months.

## **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
SOW	Scope of work
EMD	Electrical maintenance Department
DoL	Department of Labour
OEM	Original Equipment Manufacturer

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Abbreviation	Description
TET	Technical Evaluation Team
QCP/ITP	Quality Control Plan/ Inspection Test Plan
HAZLOC	Hazardous Locations
SACPMCP	South African Council for the Project and Construction Management Professions
NQF	National Qualifications Framework
MIE	Master Installation Electrician
NB	Indicate this information important

## **2.5 ROLES AND RESPONSIBILITIES**

As per 240-48929482: Tender Technical Evaluation Procedure.

## **2.6 PROCESS FOR MONITORING**

The document shall be reviewed as and when required to be always in line with the best technological practices, Eskom's procurement policies and the Tender Technical Evaluation Procedure (240-48929482).

## **2.7 RELATED/SUPPORTING DOCUMENTS**

Not applicable.

# **3. TENDER TECHNICAL EVALAUTION STRATEGY**

## **3.1 TECHNICAL EVALUATION THRESHOLD**

A weighted score-card approach shall be used to evaluate the technical compliance of the tenders against the specifications. The overall minimum weighted final score (threshold) required a tenderer to technically qualify for further evaluation is 70%.

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The scoring method will consider the following qualitative evaluation criteria table:

Score	(%)	Definition
	100	<b>COMPLIANT</b> <ul style="list-style-type: none"><li>• Meet technical requirement(s), AND</li><li>• No foreseen technical risk(s) in meeting technical requirement</li></ul>
	70% and above	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> Meet technical requirement(s) with: <ul style="list-style-type: none"><li>• Acceptable technical risk(s), AND/OR</li><li>• Acceptable exceptions, And/OR</li><li>• Acceptable conditions.</li></ul>
	Below 70%	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"><li>• Does not meet technical requirement(s), AND/OR</li><li>• Unacceptable technical risk(s), AND/OR</li><li>• Unacceptable exceptions, AND/OR</li><li>• Unacceptable conditions.</li></ul>

### 3.2 TET MEMBERS

The names of TET members will be inserted in the technical evaluation feedback report document.

**Table 1: TET Members**

TET member	TET Member Name	Designation
TET 1	Senior Advisor	Electrical
TET 2	Contract Service manager	Service Manager
TET 3	Electrical engineers	System Engineers
TET 4	Electrical Supervisor	Contract Supervisors
TET 5	Electrical Supervisor	Contract Supervisors

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### 3.3 TECHNICAL EVALUATION CRITERIA

#### Technical Evaluation Criteria

The successful tender should have the following key technical aspects:

Where the mandatory criteria is not met, no further evaluation will be done, and the tenderer deemed unqualified to execute the Services. **YES** or **NO** Evaluation.

**NB:** All individuals (Site manager, MIE, Supervisors, Electricians, Skilled Assistants) shall have comprehensive CV's with all qualification's certificates certified true, as well as possessing a valid drivers' license code B/EB/8.

**Table 2: Mandatory Technical Evaluation Criteria**

No.	Mandatory Technical Criteria Description	Reference to Technical Specification/Tender Returnable
1.	<u>Electrical installations in Explosive Atmospheres;</u> <ul style="list-style-type: none"><li>All electricians and technicians working on Electrical Plant, to be trained on, and have certificates on: Electrical installations. in Explosive Atmospheres (HAZLOC)</li><li>All documents/ certificates shall be certified and valid at the time of tender submission.. 5 hazloc certificates for electricians and 2 hazloc certificate for technicians/Supervisors.</li></ul>	<b>Requirement:</b> proof of valid course certificates of number of electricians and technicians.  <b>NB:</b> All documents/ certificates shall be certified and valid at the time of tender submission.
2.	<u>Master Installation Electrician</u> <ul style="list-style-type: none"><li>There shall be a Master Installation Electrician (MIE) employed as part of the Key people, and the person shall be registered with Department of labour, all registrations shall be current and valid. A minimum of 5 years' experience in the Industrial Field, Petro-Chemicals, or Power Generation field, only, which will be deemed as satisfactory.</li></ul>	<ul style="list-style-type: none"><li><b>Requirement:</b> attach certified registration with DoL, years working experience, registration as MIE, with registration number and licence</li></ul>

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		<b>NB:</b> All documents/ certificates shall be certified and valid at the time of tender submission.
3.	<p><u>Company experience</u></p> <p>The company shall have electrical maintenance experience in an industrial field or power generation environment.</p> <p><b><i>(NB: This is to prove the company profile, capabilities, and maintenance contract execution.)</i></b></p>	<p><b><u>Requirement</u></b></p> <ul style="list-style-type: none"><li>• Provide proof of 1 or more x 1 to 3-year electrical maintenance contract documents awarded and executed in maintenance in the last 10 years. At any Industrial or Power Station environment.</li></ul> <p>Or</p> <p>Proof of the number of contracts executed for a duration of 3 or more years in electrical maintenance execution experience in Industrial and Power Station environment.</p> <p><b>NB:</b> Contract will be verified with refence contact numbers required.</p>



4.	<p><u>Electrical Qualifications</u></p> <p>All qualifications of employees to be as stipulated as in the Service information, under People requirements.</p>	<ul style="list-style-type: none"><li>• <b><u>Requirement</u></b> Attach all CV's and <b>certified copies of qualifications</b> (matric certificate, Trade test. Installation electrician with registration documentation as per Service information)</li><li>• All electricians' qualifications shall be of <b>technical subjects</b> with a "Matric or Technical N3" minimum, and a valid Trade test as electrician.</li><li>• 1 x SHEQ officer with 3 years' plant related experience, National diploma in safety management studies and SACPMCP accredited. This individual is responsible for overseeing safety, healthy and quality responsibilities for the contractor.</li><li>• 1 x Site manager with related Power Plant Experience as defined in the Service information, with a minimum of 5 years' experience and a tertiary education equivalent to NHD or ND as minimum, in Electrical Power Engineering Diploma.</li><li>• 1 x Certified Master Installation Electrician, with 5 years' experience with (Technical Diploma).</li><li>• 2 x Supervisors with minimum National Diploma, in Electrical Power Engineering, and 5 years plant related electrical experience.</li><li>• 5 x Electricians with valid trade test certificates in the electrical field, and wireman's' licence for 3 Phase Installations, with a valid registration at DoL, to assess, and issue CoC's. All candidates shall have a minimum of 3 years Power Plant related experience and National driver's licence, minimum code B/EB/8. All electricians' qualifications shall be of technical subjects with minimum of NQF</li></ul>
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		<p>Level 4 (Matric/N3/NC-V Level 4) or highest qualifications and a Valid Trade test as electrician.</p> <ul style="list-style-type: none"><li>• 5 x valid trade tested electricians and certified as IE (Installation electrician) for Single Phase Installations systems, with minimum of 3 years' related experience in Power plant systems and National driver's licence at code B/EB/8 minimum. All electricians' qualifications shall be of technical subjects with a minimum of NQF Level 4 (Matric/N3/NC-V Level 4) and a Valid Trade test as electrician.</li><li>• 6 x valid trade tested electricians with minimum of 3 years' related experience in Power plant systems and National driver's licence code B/EB/8 at minimum. All electricians' qualifications shall be of technical subjects with a minimum of NQF Level 4 (Matric/N3/NC-V Level 4) and a Valid Trade test as electrician.</li><li>• Eight(8) x electrical skilled assistants with a minimum of technical NQF Level 4 (Matric/N3/NC-V Level 4) certificates at minimum with 12 months related work experience in the electrification industry related to the maintenance and installations, of lighting and power distribution systems of Power Stations, for the maintenance of lighting and power outlets</li><li>• All <b>electricians'</b> personnel shall have a Minimum of 3 years' experience in the Industrial field or Power Station Environment in the electrical field after obtaining the trade test qualification.</li><li>• All wiremen shall be registered with DoL, to issue CoC's, and have Registration certification with Department of Labour.</li></ul>
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		<b>NB: All certificates must be certified ( not more than 3 months)</b>
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***NOTE: according to NEC 3 TSC- Core Clauses; People 24.1 Only documentation of persons observed during evaluation stage shall be allowed on site for the successful tenderer; if a person is no longer available on contract start date, only replacement persons with the exact same qualification, or better qualification shall be considered. New employee's Documentation to be submitted to the Service manager for consideration.***

**NB:** The above mandatory criteria are measured on **YES** or **NO** only. Yes, to all **FOUR** Mandatory sections will lead to further evaluation under qualitative criteria. Any **NO's** obtained above, NO Further evaluation will take place and deemed technical unsuccessful.

### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**(A CONTRACTOR SITE/ ADDRESS OF RESIDENCY/WORKS WILL BE VISITED TO VERIFY TOOLS AND EQUIPMENT AS PER THE DOCUMENTATION SUBMITTED FOR EVIDENCE BELOW)**

A minimum of 70 points out of 100 points achieved on qualitative Evaluation criteria to be successful with technical evaluation.

#### Service Experience background

Contractor, and staff shall have experience in carrying out the *Services, or Services* of similar nature, in an industrial or Power Generation Plant. (Ability for supplier execute the required scope, based on method statement, QCP & work instruction/procedure).

**Tenderers, which do not meet Eskom's Qualitative requirements, will not be considered for evaluation further, even if the Mandatory requirements is met.**

Based on the evaluation criteria the tenderers will be given an overall rating of **X/100**, a minimum of 70/100 achieves a 70% result, **on Qualitative evaluation only.**

Table 3: Qualitative Technical Evaluation Criteria

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
1.	Documentations		30
1.1	Contractor shall have experience in carrying out the Works, or Works of similar nature, in another Power Plant, or Industry (Ability for supplier to execute the required scope, based on method statement, QCP & work instruction/procedures.	<p><b><u>Requirement:</u></b></p> <p>Provide QCP's/ITP as per Service information.</p> <p><b>NB:</b> QCP/ITP for the following services:</p> <ol style="list-style-type: none"> <li>1. Maintenance (Motors, Generators, Transformers, cable, and MV &amp;LV Switchgears) (10)</li> <li>2. Testing of apparatus (Motors, Generators, Transformers, cable, and MV &amp;LV Switchgears) (10)</li> <li>3. Replacement of apparatus: (Motors, Transformers, cable, and MV &amp;LV Switchgears components) (10).</li> </ol> <p><b>NB:</b> Completed and fully signed QCP/ITP shall be provided from your previously completed works.</p>	30
2.	Assessments		10
2.1	Baseline Risk assessment for the Services	<p><b><u>Requirement:</u></b></p> <p>Provide a Risk assessment for the Service detailing identified Risks, Hazards, mitigating</p>	10

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No.:	Qualitative Technical Criteria Description	Criteria Weighting points
	factors implemented, and the risk rating of each identified hazard associated with the Services.	
<b>3.</b>	<b>Method statement</b>	<b>20</b>
3.1	<p>Contractor shall have experience in carrying out the Works, or Works of similar nature, in another Power Plant, or Industry (Ability for supplier to execute the required scope, based on method statement, QCP &amp; work instruction/procedures</p> <p>Supplier 90-100% of the scope (20 points)  Supplier 80-89% of the scope (15 points)  Supplier 70-79% of the scope (5 points)  Supplier 60-69% of the scope (3 points)  Supplier 50-59% of the scope(1 points)</p>	<p><b>Requirement:</b>  For the whole service;  Provide method statement(20)</p> <p>20</p>
<b>4</b>	<b>Switchgear knowledge</b>	<b>25</b>
4.1	<p>Knowledge of switchgear MV&amp;LV will be an advantage to the supplier.</p>	<p><b>. Requirement:</b>  Proof of purchase order working on MV and LV switchgear (15)  <b>And</b>  Proof of any training certificate issued to maintain switchgear (10)</p> <p>25</p>

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No.:	Qualitative Technical Criteria Description		Criteria Weighting points
4.2	Indicate the available tools lists for Artisan.	<u><b>Requirement:</b></u>  Provide your available tool list for use on site for inspection	5
<b>5.</b>	<b>Organograms</b>		<b>10</b>
5.1	Organogram of the Company	<u><b>Requirement:</b></u> Provide company organogram	5
5.2	Organogram of the site team	<u><b>Requirement:</b></u> Provide site organogram	5
			<b>TOTAL:</b> <b>100</b>

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities score card

Supplier:..... Evaluator Name: .....

Mandatory Criteria Number	1	2	3	4	5
1					
2					
3					
Qualitative Criteria Number	1	2	3	4	5
1.1					
2.1					
3.1					
4.1					
4.2					
5.1					
5.2					



### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.6.1 Risks

**Table 5: Acceptable Technical Risks**

Risk	Description
1.	Failing to meet the 70% threshold as stipulated in section 3.1. <i>(Only accepting 70% and above will be acceptable. If there is no prospective supplier meeting the required 70% in the technical qualitative criteria)</i>

**Table 6: Unacceptable Technical Risks**

Risk	Description
1.	Failing to meet any of the Technical Gatekeepers as listed in section 3.3, Table 2. <i>(Any <b>NO</b> result obtained in mandatory is disqualification)</i>

#### 4. AUTHORISATION

This document has been seen and accepted by:

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#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
10 July 2024	01	J. Radebe	New documents

#### 6. DEVELOPMENT TEAM

Electrical Engineering

Electrical Maintenance

Technical Support

#### 7. ACKNOWLEDGEMENTS

N/A

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