

Title: **Unitised H2 Dryer  
Maintenance for 5 years  
Contract – Tender Technical  
Evaluation Strategy**

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### CONTROLLED DISCLOSURE

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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 unitised H2 Dryer maintenance 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 Unitised H2 dryer Maintenance 5 years Contract SOW at Camden Power Station for a period of 60 months, in which a contractor will be contracted to execute the Electrical SOW as per **Doc no: 240-167280417**.

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

SOW- Provision of Spare Parts And Services For Camden Power Station Generators Lectrodryer BAC-50 Hydrogen Dryers On An “As And When Required Basis” For A Period Of 60 Months.

Doc No: **240-167280417, Rev 02.**

## 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
OEM	Original Equipment Manufacturer
TET	Technical Evaluation Team

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Abbreviation	Description
QCP/ITP	Quality Control Plan/ Inspection Test Plan
HAZLOC	Hazardous Locations
NQF	National Qualifications Framework

## **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**

SOW- Provision of Spare Parts and Services For Camden Power Station Generators Lectrodryer BAC- 50 Hydrogen Dryers On An "As And When Required Basis" For A Period Of 60 Months.

Doc No: **240-167280417, Rev 02.**

## **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	<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 69%	<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	Technical Support
TET 2	Contract Service manager	Service Manager
TET 3	Electrical engineers	System Engineers
TET 4	Electrical Supervisors	Contract Supervisors
TET 5	Senior Technician	Maintainer

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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 are not met, no further evaluation will be carried out, and the tender will be deemed unqualified to execute the Services.

The mandatory criteria is a **YES** or **NO** Evaluation.

**NB:** All technical individuals (Electrician, Gas Practitioner and Assistant) shall have compressive CVs with all required certificates and relevant documentations certified.

**Table 2: Mandatory Technical Evaluation Criteria**

No.	Mandatory Technical Criteria Description	Reference to Technical Specification/Tender Returnable
1.	<p><b><u>All on-site maintenance personnel shall have:</u></b></p> <p>a) Three years' experience of maintenance working with Hydrogen dryer plants in the Industrial field or Power Station Environment.</p>	<p><b><u>Requirements:</u></b></p> <p><b>1 x Electrician:</b> Camden Specific for all callout and scheduled maintenance services.</p> <p>a) Minimum qualification: Technical N3/Matric with valid trade test as Electrician. Please attach CV, Trade test certificates and highest qualifications.</p> <p>b) Provide valid training certificate for explosion prevention techniques for electrical installations in explosive atmospheres.</p> <p>c) Lectrodryer training (BAC-50 Fast degas, skid systems and R series air dryers' installation, operation and maintenance course certificates obtained.</p> <p>d) Valid national driver's license.</p>

		<p><b>1 x Gas Practitioner:</b> Camden Specific for all callout and scheduled maintenance services.</p> <ul style="list-style-type: none"><li>a) Technical N3/Matric or equivalent in Electrical or Mechanical studies.</li><li>b) Gas Concepts &amp; Installer with SAQCC GAS registration. Provide valid certificate of conformity for Hydrogen Gas Installations in Accordance with the Occupational Health &amp; Safety Act, 85 of 1993 Regulation (17) of the Pressure Equipment Regulations, 2009.</li><li>c) A valid authorization Gas Practitioner's card.</li><li>d) Driver's License code 10 (C1).</li></ul> <p><b>1 x Assistant:</b> Camden Specific for all callout and scheduled maintenance services.</p> <ul style="list-style-type: none"><li>a) Minimum Qualification: Grade 10 or higher.</li><li>b) Provide valid training certificate for basic knowledge in explosion prevention techniques of electrical equipment in explosive atmosphere (Hazloc).</li><li>c) Lectrodryer training (BAC-50 Fast degas, skid systems and R series air dryers' installation, operation and maintenance courses.</li></ul> <p><b>NB:</b> All documents/ certificates shall be certified and valid at the time of tender submission.</p>
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2.	<p>The company shall have <b>LECTRODRYER BAC- 50</b> 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 1 x 3-years maintenance contract <b>OR</b> short term 10 x Purchase orders for the Lectrodryer BAC-50 maintenance executed in the last 10 years in Eskom or similar environment.</li></ul> <p><b>NOTE:</b> Please provide reference contact numbers to verify your contracts or purchase orders provided.</p>
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**NB:** The above mandatory criteria are measured on **YES** or **NO** only. Yes, to all three 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.

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

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

Tenders, which do not meet Eskom's Qualitative requirements, will not be evaluated further.

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

### Table 3: Qualitative Technical Evaluation Criteria

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
1.	Documentations		25
1.1	<p>Contractor shall have correct supporting documents in carrying out the Lectrodryer BAC- 50 Works. These documents are Task specific scope of work, Maintenance method statement, QCP/ITP, Work instruction and Procedures.</p>	<p><b><u>Requirements:</u></b></p> <ul style="list-style-type: none"> <li>Provide QCP's/ITP as per Service information.</li> </ul> <p><b>NB:</b> Completed and fully signed QCP/ITP shall be provided from your previous <b>5</b> completed works. (Each = 4 Points)</p> <ul style="list-style-type: none"> <li>Provide detailed BAC-50 Lectrodryer service maintenance method statement</li> </ul>	<p>20</p> <p>5</p>

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
2.	Method Statement		30
2.1	Baseline Risk assessment for the Services	<p><b><u>Requirements:</u></b></p> <ul style="list-style-type: none"> <li>Provide a Risk assessment for the Service detailing identified Risks, Hazards, mitigating factors implemented, and the risk rating of each identified hazard associated with the Services.</li> </ul>	10
2.2	A Certificate of Conformity (CoC) for gas installation shall be required for all installations as per OHS Act 85 of 1993.	<ul style="list-style-type: none"> <li>Tenderer provides <b>5</b> CoCs for gas installation for similar work conducted in the last five years. This is only applicable to Lectordryer BAC-50 maintenance related work systems. (Each = 4 Points)</li> </ul>	20
3.	Equipment's		20
3.1	The contract shall have all spares and equipment's required to service, construct and repair the Lectordryer BAC-50.	<p><b><u>Requirements:</u></b></p> <ul style="list-style-type: none"> <li>Provide a list of all spares and equipment's required to service, construct and repair the Lectordryer BAC-50 in line with the scope of work. Lead time for each item shall be indicated.</li> <li>Provide all the calibration certificates of your test equipment. Minimum testing equipment which the contractor shall have is H2 leak detector.</li> </ul> <p><b>NB:</b> Evidence of test equipment's serial numbers must match the certificates.</p>	<p>10</p> <p>10</p>

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
4.	Organograms		10
4.1	Organogram of the Company	<u>Requirements</u> Provide company organogram	5
4.2	Organogram of the site team	<u>Requirements</u> Provide site organogram	5
5	Warranties and Guaranties		15
5.1	The contract shall provide a warranty of work and plant components used.	<u>Requirements</u> The tenderer must submit a formal letter on the company's letterhead, signed by their management director.  <b>NOTE (1):</b> This letter should confirm the tender's commitment to honor the warranty of the works done by the contractor.	5

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
		<b>NOTE (2):</b> The warranties shall stipulate all the work and components covered including their validity periods.	
5.2	The contractor shall be in in-depth technical knowledge of the Lectordryer BAC-50.	<b>Requirements</b> <ul style="list-style-type: none"> <li>a) 1 x Brochure</li> <li>b) 1 x General arrangement drawing.</li> <li>c) 1x Previous inspection &amp; test sheet. <b>NB:</b> Completed and fully signed sheets shall be provided from your previously completed works.</li> <li>d) 1x Detailed specifications.</li> <li>e) 1x Previous incident investigation report.</li> </ul>	10
<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					
Qualitative Criteria Number	1	2	3	4	5
1.1					
2.1					
2.2					
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.	Marginally failing to meet the 70% threshold as stipulated in section 3.1. <i>(Only <math>\geq 65\%</math> scoring will be considered if there is no prospective supplier meeting the required 70% threshold 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:

Name	Designation

5. REVISIONS

Date	Rev.	Compiler	Remarks
13 June 2025	01		New document

6. DEVELOPMENT TEAM

Electrical Engineering  
Electrical Maintenance  
Technical Support

7. ACKNOWLEDGEMENTS

N/A

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