



Strategy

Camden Power Station

Title: **Camden Power Station: Technical Tender Evaluation Strategy for Provision of Approved Professional Person for Old & New Ash Dam and Other Dams**

Document Identifier: **229-T-2271**

**HBS** / Functional Location (Technical Docs):

Area of Applicability: **Engineering**

Appendix A **N/A**

Documentation Type: **Strategy**

Revision: **1.0**

Total Pages: **11**

Next Review Date: **N/A**

Disclosure Classification: **Controlled Disclosure**

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Date: 2023/03/28

Date: 2023/03/29

Date: 2023/03/29

Date: 30/03/2023

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## **1. INTRODUCTION**

Camden Power station requires the provision of an Appointed Professional Person (APP) for the continuous inspection of the decommissioned old ash dam, reporting to Dam Safety Office (DSO) and sign-offs of various dams at the power station. The details of the dams requiring APP supervision and monitoring are provided below.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document provides the tender technical evaluation strategy for the provision of an Approved Professional Person (APP) at the existing Ash Dams (New & Old) and other Pollution control dams including the clean water dams at Camden Power Station.

#### **2.1.1 Purpose**

This document outlines the criteria that will be used to evaluate the tenderers that will result from the Request for Proposal. This strategy defines 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 applies to Eskom Holdings SOC Ltd and Camden 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] ISO 9001 Quality Management Systems
- [3] 32-1034 Eskom Procurement Policy
- [4] 240-123879038: Camden Power Station – Provision of Approved Professional Person for Existing Ash Dam and Other Dams

#### **2.2.2 Informative**

- [5] 240-53113685: Design Review Procedure
- [6] 240-53114026: Project Engineering Change Management Procedure

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## **2.3 DEFINITIONS**

<b>Definition</b>	<b>Description</b>
Contractor/Tenderer	Refers to the corporation appointed to perform the engineering, procurement, and construction works required for the project.
Employer	Refers to Eskom Holdings State Owned Company
Specification	The document/s forming part of the contract in which the methods of executing the various items of work to be done is described, as well as the nature and quality of the materials to be supplied and it includes technical schedules and drawings attached thereto as well as all samples and patterns
The Client	The end user will be Eskom who will be represented by Camden Power Station throughout the duration of the Project.

### **2.3.1 Classification**

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

## **2.4 ABBREVIATIONS**

<b>Abbreviation</b>	<b>Description</b>
APP	Approved Professional Person
DSO	Dam Safety Office
DWS	Department of Water and Sanitation
ECSA	Engineering Council of South Africa
SACNASP	South African Council for Natural Scientific Professions
TET	Technical Evaluation Team

## **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**

Not Applicable

## **3. TENDER TECHNICAL EVALUTION STRATEGY**

### **3.1 TECHNICAL EVALUATION METHOD**

The basic steps for a technical evaluation must be followed as per the Tender Technical Evaluation Procedure [1].

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

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The scoring method will be as follows:

<b>SCORE</b>	<b>PERCENTAGE</b>	<b>DESCRIPTION</b>
5	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 requirements.</li> </ul>
4	80	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"> <li>• Meet technical requirement(s) with;</li> <li>• Acceptable technical risk(s) AND/OR;</li> <li>• Acceptable exceptions AND/OR;</li> <li>• Acceptable conditions.</li> </ul>
2	40	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>• Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR;</li> <li>• Unacceptable exceptions AND/OR;</li> <li>• Unacceptable conditions.</li> </ul>
0	0	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>

The evaluation scores will be weighted as follows:

<b>Engineering (100%)</b>	
Civil & Structural Engineering	100%
<b>TOTAL (100%)</b>	
<b>Overall minimum threshold for qualification (70%)</b>	

### **3.2 TECHNICAL EVALUATION THRESHOLD**

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

### **3.3 TET MEMBERS**

**Table 1: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Elijah Kisaame	Chief Engineer Ash dams Generation Engineering
TET 2	Funeka Grootboom	Chief Engineer Dams Generation Engineering
TET 3	Nkanyiso Shozi	System Engineer Camden Power Station

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### **3.4 MANDATORY TECHNICAL EVALUATION CRITERIA**

**Table 2: Mandatory Technical Evaluation Criteria**

	<b>Mandatory Technical Criteria Description</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Motivation for use of Criteria</b>
1.1	Tenderer must submit proof of APP registration for tailings/wet slurry dams with DSO and DWS	Tenderer submit of registration as an APP with the relevant authorities	Objective Criteria

### **3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA**

**Table 3: Qualitative Technical Evaluation Criteria**

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Weighting (%)</b>	<b>Criteria Sub Weighting (%)</b>
<b>2.</b>	<b>Civil &amp; Structural Criteria</b>			<b>100</b>	
	2.1	Tender must submit CV's and qualifications of the appointed APP's key resources/technical team. Technical team must be registered as professionals with their relevant governing bodies (i.e. ECSA and SACNASP)	<ul style="list-style-type: none"> <li>- Tenderer must submit copies of the technical team</li> <li>-Tenderer must submit certified qualification certificates of the technical team.</li> <li>-Tenderer must submit a valid and certified registration ECSA and SACNASP certificates</li> </ul>		30%
	2.2	<p>Tenderer must display relevant experience as a registered APP. (At least 2 APP Projects within the last 5 years).</p> <p><u>Scoring Criteria:</u></p> <p>Experience as APP on &gt;4 projects = 5            Experience as APP on 2 -4 projects = 4;            Experience as APP on 1 project = 2;            No previous project experience as APP = 0;</p>	<ul style="list-style-type: none"> <li>- Tenderer must submit appointment letters with project name, brief project description, start &amp; end date of project and project value (signed by both parties i.e. employer and the consultants) of their (2) previous APP's contracts.</li> <li>- A list of verifiable references must be provided with valid contact details.</li> </ul>		40%
	2.3	<p>Professional Registration of an APP with ECSA</p> <p><u>Requirement:</u></p> <p><u>Scoring Criteria:</u></p>	Tenderer must submit a certified APP ECSA certificate		20%

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criteria for Provision of Approved Professional Person  
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		Professional Registration ≥7years = 5; Professional Registration 5 -6 years = 4; Professional Registration 2 – 4 years = 2; Professional Registration < 2 years = 0			
	2.4	Technical proposal for the works as described in the Scope of Works. Technical proposal indicates Scope to be undertaken, compliance with relevant standards and guidelines, methodology, proposed Investigations/studies.	Tenderer must submit a technical proposal demonstrating the approach to implement the scope of work		10%
				<b>TOTAL: 100%</b>	

**TET MEMBER RESPONSIBILITIES**

**Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET3</b>
1.1	X	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>
2.1	X	X	X
2.2	X	X	X
2.3	X	X	X
2.4	X	X	X

### **3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS**

#### **3.6.1 Risks**

**Table 5: Acceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	<b>N/A</b>

**Table 6: Unacceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	<b>Tenderers technical submission does not address entire scope required</b>
2.	<b>Tenderers APP experience is inadequate</b>

#### **3.6.2 Exceptions / Conditions**

**Table 7: Acceptable Technical Exceptions / Conditions**

<b>Risk</b>	<b>Description</b>
1.	<b>N/A</b>

**Table 8: Unacceptable Technical Exceptions / Conditions**

<b>Risk</b>	<b>Description</b>
1.	<b>Tenderers technical submission does not address entire scope required</b>
2.	<b>Tenderers APP experience is inadequate</b>

## 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Andre Kreuiter	Chief Engineer: Ash Dams & Dumps – Generation Engineering
Elijah Kisaame	Chief Engineer: Ash Dams & Dumps – Generation Engineering
Funeka Grootboom	Chief Engineer: Dams – Generation Engineering

## 5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2023	1.0	N. Shozi	Final document

## 6. DEVELOPMENT TEAM

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

- Funeka Grootboom
- Andre Kreuiter

## 7. ACKNOWLEDGMENTS

- N/A

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