

Title: **Tender Technical Evaluation Strategy for the Installation of the AWR back-up pumping system.**

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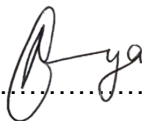
Compiled by



**Sifiso Ndlovu**  
**System Engineer Auxiliary Plant**

Date: 20/04/2022


Functional Responsibility



**O-Gee Ngwenya**  
**Auxiliary Engineering Manager**

Date: 20/04/2022

Authorised by



**O-Gee Ngwenya**  
**Auxiliary Engineering Manager**

Date: 20/04/2022

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### **CONTROLLED DISCLOSURE**

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## **1. INTRODUCTION**

**1.1** The employer's objective is for the contractor to supply and deliver diesel pumps and steel pipes as per the required quantities as outlined on the BOQ. The diesel pumps are to be used for pumping ash water from the new lower dams to the old lower dams and also from the old lower dams to the upper dams. The steel pipes are to be used as suction pipes that connect the dams and the pumps and also to discharge to the existing ash water pipes. The contractor's scope/responsibility is to supply and deliver the pumps and the pipes, the installation will be done by Eskom personnel.

### **1.2 SCOPE**

The scope of work is supply and delivery of:

- Diesel engine driven pumps.
- Steel pipes

#### **1.2.1 Purpose**

The purpose of this tender technical evaluation strategy is to highlight the required tender returnable for technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

#### **1.2.2 Applicability**

This document is applicable to Hendrina Power Station.

## **1.3 NORMATIVE/INFORMATIVE REFERENCES**

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

### **1.3.1 Normative**

- [1] 240-48929482: Tender Technical Evaluation Procedure
- [2] 32-1034 Eskom Procurement and Supply Chain Management Procedure

### **1.3.2 Informative**

- [3] None

## **1.4 DEFINITIONS**

### **1.4.1 Classification**

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

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## **1.5 ABBREVIATIONS**

<b>Abbreviation</b>	<b>Description</b>
SANS	South African National Standards
TET	Technical Evaluation Team

## **1.6 ROLES AND RESPONSIBILITIES**

As per 32-1034 Eskom Procurement and Supply Chain Management Procedure

## **1.7 PROCESS FOR MONITORING**

N/A

## **1.8 RELATED/SUPPORTING DOCUMENTS**

None

## **2. TENDER TECHNICAL EVALUATION STRATEGY**

### **2.1 TECHNICAL EVALUATION THRESHOLD**

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 75%.

### **2.2 TET MEMBERS**

**Table 1: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Sifiso Ndlovu	System Engineer
TET 2		

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## **2.3 MANADATORY 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.	None	None	None
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

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## 2.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 3: Qualitative Technical Evaluation Criteria**

KPI	Criteria Requirement	Criteria Source	Percentage (%)	Score
<b>Work experience</b>	<ul style="list-style-type: none"> <li>Previous similar work, at least 2 purchase orders/ contracts</li> </ul>	Provide proof of previous contract/order number with traceable references, including telephone numbers.  (10 points per order/contract)	20	
<b>Pump specifications</b>	<ul style="list-style-type: none"> <li>Operating manual</li> <li>Maintenance manual</li> <li>General Arrangement Drawing (GA)</li> <li>Spares list</li> </ul>	Supply documents (5 points each)	20	
<b>Pump performance</b>	<ul style="list-style-type: none"> <li>Provide pump curve showing that the pump operates as per the requirements.</li> </ul>	Supply pump curves	20	
<b>Pipe specifications</b>	<ul style="list-style-type: none"> <li>Material certificates</li> </ul>	Provide material certificates	20	
<b>Quality</b>	<ul style="list-style-type: none"> <li>Diesel Pump Quality Inspection Plan (QIP)</li> </ul>	Provide documents	20	
<b>Threshold</b>			<b>75%</b>	
<b>Total Score</b>				
<b>Technically acceptable (Yes/No)</b>				

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**2.5 TET MEMBER RESPONSIBILITIES**

**Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>	<b>TET 4</b>	<b>TET 5</b>	<b>TET 6</b>
	x	x				
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>	<b>TET 4</b>	<b>TET 5</b>	<b>TET 6</b>
Technical skills	x	x				
Completed contacts of similar nature with referrals	x	x				

## **2.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS**

### **2.6.1 Risks**

**Table 5: Acceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	None
2.	
3.	
4.	
5.	
6.	
7.	

**Table 6: Unacceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	Non-compliant pump curves
2.	
3.	
4.	
5.	
6.	
7.	



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**2.6.2 Exceptions / Conditions**

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

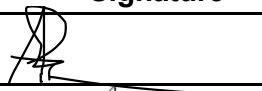


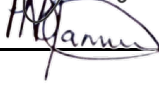
<b>Risk</b>	<b>Description</b>
1.	None
1.	
2.	
3.	
4.	
5.	
6.	

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

<b>Risk</b>	<b>Description</b>
1.	None
2.	
3.	
4.	
5.	
6.	
7.	

### 3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Khutsiso Khuloane	Project leader	
Sifiso Ndlovu	System Engineer - Auxiliary Engineering	
O-Gee Ngwenya	Auxiliary Engineering Manager	
Phephisani Dlamini	Projects Manager	

### 4. REVISIONS

Date	Rev.	Compiler	Remarks
N/A			

### 5. DEVELOPMENT TEAM

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

Sifiso Ndlovu

### 6. ACKNOWLEDGEMENTS

None

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