

Title: **Tender Technical Evaluation  
Strategy for the Hiring of a  
1200Bar High Pressure Machine**

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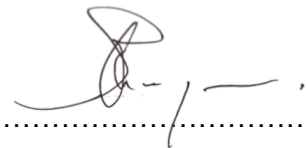
Functional Responsibility



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## **1. INTRODUCTION**

**1.1** The employer's objective is to source the hiring service of a 1200 Bar diesel driven engine high pressure machine and personnel (labour) for the unblocking of several systems and pipelines at Hendrina Power Station.

### **1.2 SCOPE**

The scope of work is hiring of:

- Diesel engine driven 1200 Bar high pressure machine.
- High pressure machine operators.
- Double cab bakkie.
- Double cab bakkie operator.

#### **1.2.1 Purpose**

The purpose of this tender technical evaluation strategy is to highlight the required tender returnables 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] 240-168966153: Generation 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**

Weekly meetings.

## **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 70%.

### **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	Kunaal Dharamraj/Thibedi Matjila	System Engineer

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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.			

## 2.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 3: Qualitative Technical Evaluation Criteria**

KPI	Criteria Requirement	Criteria Source	Percentage (%)	Score
<b>Machine Availability/ Ownership</b>	<ul style="list-style-type: none"> <li>1200Bar HP Machine</li> </ul>	Certified proof of ownership for the HP machine or valid lease agreement between the tenderer and the owner of the HP machine.	20	
<b>Pump specifications</b>	<ul style="list-style-type: none"> <li>Machine specifications</li> <li>General Arrangement Drawing (GA)</li> </ul>	Provide performance curve showing that the pump operates as per the requirements.  Provide GA.  10 points per document.	20	
<b>Work experience</b>	<ul style="list-style-type: none"> <li>Previous similar work, at least 2 purchase orders/ contracts.</li> </ul>	Provide previous orders/contracts.  10 points per contract.	20	
<b>Operators</b>	<ul style="list-style-type: none"> <li>CV's and other relevant qualifications for all operator clearly indicating the responsibility of personnel in this contract.</li> </ul>	Valid Driver's license for the bakkie driver  Competency certificates for operating a HP machine/ Proof of training (certified)  10 points per document	20	
<b>Method statement</b>	<ul style="list-style-type: none"> <li>Method statement indicating the tenderer's understanding of the scope of work and explaining how the activities in the scope of work will be executed.</li> </ul>	Provide document  10 points for a detailed statement  5 points for a general statement	10	
<b>Quality Inspection Plan</b>	<ul style="list-style-type: none"> <li>Detailed activity quality inspection plan for the scope of work.</li> </ul>	Provide document  Detailed and scope based QIP:10 points  General QIP: 5 Points	10	
<b>Threshold</b>			<b>70%</b>	
<b>Total Score</b>				

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Technically acceptable (Yes/No)				
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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>
<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 performance curves.
2.	
3.	
4.	
5.	
6.	
7.	

## **2.6.2 Exceptions / Conditions**

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



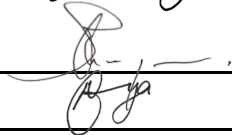

<b>Risk</b>	<b>Description</b>
1.	None
1.	
2.	
3.	
4.	
5.	
6.	

**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
Sifiso Ndlovu	System Engineer - Auxiliary Engineering	
Zinhle Khoza	Project leader	
Obed Shongwe	Auxiliary Maintenance Manager	
Ogorogile Ngwenya	Auxiliary Engineering HOD	

### 4. REVISIONS

Date	Rev.	Compiler	Remarks
N/A	0	Sifiso Ndlovu	Initial compilation of the document.

### 5. DEVELOPMENT TEAM

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

Sifiso Ndlovu

### 6. ACKNOWLEDGEMENTS

None

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