

	<b>Strategy</b>	<b>Engineering</b>
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Title: **Tender Technical Evaluation Strategy - SSC Outage Contract** Document Identifier: **N/A**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**


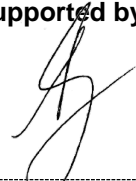
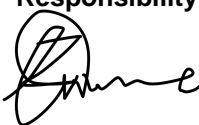

Document Type: **Strategy**

Revision: **1**

Total Pages: **13**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

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Date: 2025/07/22	Date: 2025-07-23	Date: 2025-07-23	Date: 2025.07.25

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## **1. INTRODUCTION**

Medupi Power Station wants to contract out the maintenance of the Submerged Scraper Conveyor (SSC) Plant during outages. This contract will comprise of the execution of Mechanical and Control & Instrumentation maintenance, inspection and repairs during Medupi Power Station Philosophy Outages. This document describes the strategy to be applied when evaluating tenderers.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

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

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

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

#### **2.1.1 Purpose**

The purpose of this tender technical evaluation strategy is to define 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 the Tender Evaluation Team for Regulators in accordance with the authorised procurement strategy.

## **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] 241-20221245: Medupi Power Station Submerged Scraper Conveyor Outage Contract Scope of Work

### **2.2.2 Informative**

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## 2.3 DEFINITIONS

**Mandatory Evaluation criteria:** (gatekeepers) are 'must meet' criteria

**Qualitative Evaluation criteria:** are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met.

## 2.4 CLASSIFICATION

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

## 2.5 ABBREVIATIONS

Abbreviation	Description
NEC	New Engineering Contract
PQR	Procedure Qualification Record
QCP	Quality Control Plan
SOW	Scope of Work
SSC	Submerged Scraper Conveyor
TET	Technical Evaluation Team
WPS	Welding Procedure Specification

## 2.6 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

## 2.7 PROCESS FOR MONITORING

N/A

## 2.8 RELATED/SUPPORTING DOCUMENTS

N/A

# 3. TENDER TECHNICAL EVALUATION STRATEGY

## 3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderers after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The minimum weighted final score (threshold) required for a tender to be considered from a technical

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perspective is 70%. The tenders must achieve a weighted score of 70% or more to qualify for further evaluation. The table used for scoring is given in Table 1 below:

**Table 1: Scoring Table**

<b>Score</b>	<b>(%)</b>	<b>Definition</b>
<b>5</b>	<b>100</b>	Fully Compliant
<b>4</b>	<b>80</b>	Compliant with associated qualifications
<b>2</b>	<b>40</b>	Non-compliant
<b>0</b>	<b>0</b>	Totally deficient or non-responsive

### **3.2 TET MEMBERS**

**Table 2: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Louis Snyman	BMH Senior Engineer
TET 2	Xolani Nalomo	SSC System Engineer
TET 3	Motlatso Makgato	Senior Technician Maintenance (Coal & Ash)
TET 4	Thabang Nkosi	SSC Outage Coordinator (Acting)

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### 3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

**Table 3: 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.	<b>ISO 9001: Quality Management systems</b>	Proof of current ISO 9001 certification	To ensure constant high quality execution of outage repairs, on time and auditability

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### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
2.	Company Experience			40		
	2.1.	Proof of Experience in construction and maintenance of Submerged Scraper Conveyors (SSC)	Tenderer to submit a list of orders proving experience in the construction or maintenance of Submerged Scraper Conveyor with ESKOM or other companies: <ul style="list-style-type: none"> <li>Order number (Eskom one, if applicable)</li> <li>Contract duration</li> <li>Date</li> <li>Contract Value</li> <li>Contact Person and Number</li> </ul>	more than 5 years	5	70%
				Between 2 and <5	4	
				Between 1 and <2 years	2	
				No proof or less than <1 year	0	
	2.2.	Proof of experience in execution of philosophy outage maintenance on Submerged Scraper Conveyors (SSC)	Tenderer to submit a list of orders proving experience in the execution of <b>philosophy outage Scope of work</b> maintenance of Submerged Scraper Conveyor with ESKOM or other companies: <ul style="list-style-type: none"> <li>Order number (Eskom one, if applicable)</li> <li>Contract duration</li> <li>Date</li> <li>Contract Value</li> <li>Contact Person and Number</li> </ul>	more than 3 years	5	30%
				Between 2 and <3 years	4	
				Between 1 and <2 years	2	
				No proof or <1 year	0	

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
3.	Key Site Personnel		<u>Note:</u> All CV's should be for current employees of the company	30		
	3.1.	Organogram of proposed Outage Execution Personnel	Tenderer to submit an organogram with proposed personnel names and positions that will be responsible to execute SSC outage Scope of Work.	Organogram submitted for SSC outage SOW with complete personnel list names and Positions	5	10
				Organogram submitted for SSC outage SOW but incomplete personnel list or positions	4	
				Organogram submitted but not in line with the SSC outage SOW	2	
				No Organogram Submitted	0	
	3.2.	Well experienced Site Manager with adequate track record and Managerial experience	Tenderer to submit CV for proposed Site Manager with proof of minimum N6 Engineering Qualification and track record of relevant experience with dates and reference contacts.	CV submitted with min. N6 and >5 years Site Manager experience in general scopes similar nature, including SSC's	5	40
				CV submitted with min. N6 and 3 to <5 years Site Manager experience in general scopes of similar nature	4	
				CV submitted with min. N6 and 2 to <3 years site manager experience in general scopes of similar nature	2	
				CV not submitted or submitted with less than 2 years site manager Experience or no N6	0	
	3.3.	Well experienced Site Supervisor with	Tenderer to submit CV for proposed Site Supervisor with proof of minimum N6 Engineering	CV submitted with min. N6 and >5 years site supervisor experience in general scopes similar nature, including SSC	5	20

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
		adequate track record and supervisory experience	Qualification and track record of relevant experience with dates and reference contacts.	CV submitted with min. N6 and 3 to <5 years site supervisor experience in general scopes of similar nature	4	
				CV submitted with min. N6 and 2 to <3 years site supervisor experience in general scopes of similar nature	2	
				CV not submitted or submitted with less than 2 years site supervisor experience or no N6	0	
	3.4.	Well experienced Fitters	Tenderer to submit CV's (min 2) for proposed fitters with proof of Trade test Certificate and relevant post certificate experience with dates and reference contacts.	CV submitted with trade test certificate and >5 years post certificate experience in general fitting (both CV's) including previous SSC fitting	5	10
				CV submitted with trade test certificate and 3 to <5 years post certificate experience in general fitting (both CV's)	4	
				CV submitted with trade test certificate and 1 to <3 years post certificate experience in general fitting (both CV's)	2	
				CV not submitted or submitted with less than 1 year fitter experience or no Certificate	0	
	3.5.	Well experienced Boilermakers	Tenderer to submit CV's (min 2) for proposed Boilermakers with proof of Trade test Certificate and relevant post certificate experience with dates and reference contacts.	CV submitted with trade test certificate and >5 years post certificate experience in boiler making (both CV's)	5	10
				CV submitted with trade test certificate and 3 to <5 years post certificate experience boilermaking (both CV's)	4	

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
				CV submitted with trade test certificate and 1 to <3 years post certificate experience in boilermaking (both CV's)	2	
				CV not submitted or submitted with less than 1 year post certificate boilermaking experience or no Certificate	0	
	3.6.	Well experienced welders	Tenderer to submit CV's (min 2) for proposed welders with proof of Trade test Certificate and relevant post certificate experience with dates and reference contacts.	CV submitted with trade test certificate and >5 years post certificate experience in welding making (both CV's)	5	10
				CV submitted with trade test certificate and 3 to <5 years post certificate experience welding (both CV's)	4	
				CV submitted with trade test certificate and 1 to <3 years post certificate experience in welding (both CV's)	2	
				CV not submitted or submitted with less than 1 year post certificate welding experience or no Certificate	0	
4.	Quality Control and Execution			30		
	4.1.	Method statement of SSC chain and sprocket teeth replacement	Tenderer to submit a detailed step-by-step method statement for a full SSC chain and sprocket teeth replacement	Medupi specific SSC chain and sprocket teeth replacement method statement submitted with correct detailed steps	5	50
				General SSC chain and sprocket teeth replacement method statement submitted with correct detailed steps	4	
				Method statement submitted with very limited correct steps provided	2	

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
				No method statement or incorrect statement	0	
	4.2.	VRN welding qualification and procedure	Tenderer to submit a previously compiled and approved PQR and WPS 10 mm thick VRN400 or VRN 500 butt weld and fillet welds.	PQR and WPS submitted that was previously compiled and approved and used by the company	5	50
				PQR and WPS submitted but only approved during tender preparation period	4	
				PQR and WPS submitted but for incorrect material or material thickness	2	
				No PQR and WPS submitted	0	
				<b>TOTAL: 100</b>		

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### 3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.5.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Method statement that is not in line with the scope of work.

#### 3.5.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

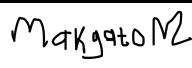

Risk	Description
1.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Motlatso Makgato	Senior Technician Maintenance (Coal and Ash)	
Thabang Nkosi	SSC Outage Coordinator (Acting)	

### 5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2025	1	X Nalomo	Technical evaluation required for SOW

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## **6. DEVELOPMENT TEAM**

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

Xolani Nalomo

Louis Snyman

Motlatso Makgato

Thabang Nkosi

## **7. ACKNOWLEDGEMENTS**

None

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