 <b>Eskom</b>	<b>Strategy</b>	<b>Majuba Power Station</b>
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for Old Stacker to link Conveyor Project

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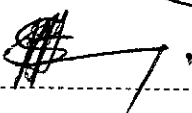
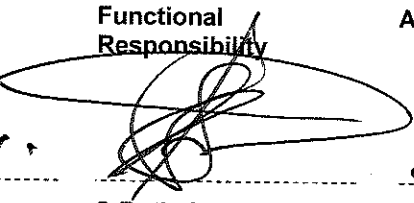
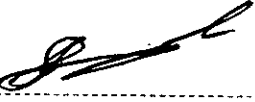
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Compiled by	Supported by	Functional Responsibility	Authorized by
			
<b>M Kibeka</b> <b>BMH Engineer</b>	<b>S Masango</b> <b>Senior Engineer</b>	<b>S Buthelezi</b> <b>Manager Auxiliary Engineering</b>	<b>J Swanepoel</b> <b>Middle Manager Engineering</b>
Date: <u>2025/05/20</u>	Date: <u>2025/05/20</u>	Date: <u>2025/05/20</u>	Date: <u>2025/05/20</u>

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## **1. Introduction**

An enquiry invite will be issued calling for interested parties to participate in the tender process for the Old Stacker to link Conveyor Project. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this enquiry invite.

## **2. Supporting Clauses**

### **2.1 Scope**

This strategy defines the Tender Technical Evaluation Strategy for Old Stacker to link Conveyor Project. The scope of the project is as described in the Majuba Power Station Old Stacker to link Conveyor Project Contract.

#### **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 strategy document applies to the engineering team working on the Majuba PS Old Stacker to link Conveyor Project.

#### **2.1.3 Effective date**

Document is effective from the authorised date.

## **2.2 Normative/Informative References**

Parties using this document applies to the engineering team working on the Majuba PS Old Stacker to link Conveyor Project

### **2.2.1 Normative**

- [1] ISO 9001 Quality Management Systems
- [2] 240-48929482: Tender Technical Evaluation Procedure.
- [3] 32-1034: Eskom Procurement Policy

### **2.2.2 Informative**

Majuba Power Station Inspections- Scope of Work

## **2.3 Definitions**

None.

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### **2.3.1 Classification**

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

### **2.4 Abbreviations**

<b>Abbreviation</b>	<b>Explanation</b>
EIT	Engineer in Training
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
PS	Power Station

### **2.5 Roles and Responsibilities**

As per 240-48929482: Tender Technical Evaluation Procedure.

### **2.6 Process for Monitoring**

Not applicable.

### **2.7 Related/Supporting Documents**

Refer to Section 2.2

## **3. TENDER TECHNICAL EVALUATION STRATEGY**

### **3.1 TECHNICAL EVALUATION METHOD**

To be eligible for evaluation, the tenderer shall meet all the mandatory requirements.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the Majuba Power Station Old Stacker to link Conveyor Project scope of work. A weighted score card approach will be used to evaluate the technical compliance of the tenders against the Employer's requirements. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation.

The technical criteria and weighting are broken down as follows:

- a) Structural and Mechanical Engineering Professional Services: 60%
- b) Electrical and Control Engineering Professional Services 20%
- c) Project management and Company's profile and experience 20%

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The scoring method will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
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	70	<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;</li> <li>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 according to disciplines:

Engineering (100%)	
Civil	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: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: Engineering	Mthobisi Shongwe	Civil Engineer
TET 3: Auxiliary Engineering	Sinothi Buthelezi	Auxiliary Manager
TET 3: Engineering	Sipho Masango	Senior Mechanical Engineer
TET 4: Engineering	Manqoba Kubeka	Mechanical Engineer

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### 3.4 MANDATORY TECHNICAL EVALUATION CRITERIA

To be eligible for evaluation, the tenderer shall meet the following gatekeepers.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	ECSA Professional Registration for Civil AND Mechanical Engineering Services (i.e., Pr. Eng. or Pr. Tech)	ECSA Professional Registration Certificates (1 Civil + 1 Mech)	Legislative Compliance
2	5 Years' experience in Civil AND Mechanical engineering construction.	(1 Civil + 1 Mech)	
3	Company to provide proof of three past completed projects relating to the scope of work. (Conveyor installation and Chute designs)	Provide proof signed by the Client of the completed Projects. Purchase Orders are acceptable as well	

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### 3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Civil Engineering		100	
1.1	Comprehension of Scope			
	<p>Provide a typical method statement for the scope of works. The method statement/s shall detail how the tenderer proposes to execute the works. The method statement shall clearly provide details of the construction or installation methodology/assessment works that will be adopted for execution of the scope of works.</p> <ul style="list-style-type: none"> <li>Minimum high-level requirements: <ul style="list-style-type: none"> <li>Typical old Stacker to link Conveyor installation methodology/ description of the assessment works.</li> <li>Plant/equipment to be used for the Old Stacker to link Conveyor Project works</li> <li>Typical resource responsibilities</li> </ul> </li> </ul> <p>Scoring criteria</p> <ul style="list-style-type: none"> <li>Comprehensive method statement - demonstrates the ability to execute the scope far more than the minimum requirements=35</li> <li>Method statement is consistent with the scope of works=20</li> </ul>	Method statement with applicable tasks to sufficiently complete the project	35	

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	<ul style="list-style-type: none"> <li>Method statement is poor and not reflective of the project requirements/scope of works=10</li> <li>No method statement submission=0</li> </ul>		
1.2	<b>Relevant Experience</b>		
	<p><b>Relevant experience/ (track record):</b>  The tenderer submits a list of traceable references/completion certificates that adequately prove that the tenderer has completed three (3) or more contracts successfully in the last ten (10) years covering the scope of work of a similar nature  The following to be included as a minimum:  Contract number  Signed agreement page  Client name and signature  Start date and end date of contract  Reference with contact details and completion certificate included.</p> <ul style="list-style-type: none"> <li>5 or more completed projects of similar nature = 20</li> <li>3 or more completed project of similar nature = 10</li> <li>1-2 completed projects of similar nature = 15</li> <li>0 completed projects of similar nature=0</li> </ul>	List of previously completed projects of similar scope with traceable references including completion certificates	20
1.3	<b>Equipment</b>		
	<p>Availability of plant and equipment for execution of the project:</p> <p>A list of plant and equipment to be used to execute the work and the Tenderer to state the availability of the owned/ hired required plant and equipment as per the proposed key date schedule taking the start and end date into consideration.</p> <p><b>Scoring Criteria:</b></p>		10

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		<ul style="list-style-type: none"> <li>Provision of a detailed list of equipment, tools and machines to be used, the availability of the owned/ hired plant and equipment according to the key dates = 10</li> <li>No submission made = 0</li> </ul>		
1.4		<b>Organogram</b>		
		<b>Project Organogram</b> <ul style="list-style-type: none"> <li>The Tenderer to submit the organisational structure of key personnel of the main contractor and/or subcontractors.</li> <li>In case of an association/joint venture/consortium, it should be indicated how the duties and responsibilities are to be shared. If the tenderer intends making use of the services of subcontractor(s) for sections of the works, the delegation of duties and responsibilities should be clearly indicated. To the extent that such information is available, provide the subcontractor organisation and staffing as per requirements above.</li> </ul> <p>Minimum required key resources are:</p> <ul style="list-style-type: none"> <li>Engineer(s) Mechanical AND Civil/structural or Engineering technologist(s) – must be professionally registered with ECSA</li> <li>SHEQ team</li> </ul> <p>Experience of key staff in relation to the Scope of Works.</p> <ul style="list-style-type: none"> <li>Demonstrate the level of relevant experience of</li> </ul>	Project organogram	5

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		key personnel. Relevant qualifications (degree/diploma/certificates) as well as CV's of key personnel to be submitted as part of the tender submission. Tenderer to also demonstrate that		
		<ul style="list-style-type: none"> <li>each of the proposed key resources have a minimum of three (3) years' experience in working on projects of similar nature as specified</li> </ul>		
		Scoring Criteria <ul style="list-style-type: none"> <li>Organogram with minimum key resources indicated=5</li> <li>Organogram with no key resources indicated=2</li> <li>No project organogram submission=0</li> </ul>		
1.5		<b>CV's of Key Personnel</b>		20
		Key Resource Requirements:		
		<p>The Contractor clearly indicates in the submission/organogram who the appointed site manager is.</p> <p>CV containing proof of qualifications with copies of at least BSc, BEng, BTech. Non-SA qualifications to be accompanied by SAQA certificate of evaluation.</p> <p>CV containing details of work experience and valid references as proof of experience.</p> <p>The designation(s), responsibilities or projects, and durations of the relevant experience must be clearly outlined.</p> <ul style="list-style-type: none"> <li>Minimum requirements are as follows:               <ul style="list-style-type: none"> <li>Contract Manager: Technical qualification, management, or project management qualification, NEC3 training and related experience in contract</li> </ul> </li> </ul>		

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		<p>management of at least three (3) years= 10 points</p> <ul style="list-style-type: none"> <li>➤ Civil AND Mechanical engineers with a minimum of three (3) years relevant experience=7.5 each points</li> <li>➤ Master Electrician 5 points</li> <li>• Demonstrate that each of the proposed key resources have a minimum of 3 years' relevant experience,</li> <li>• Demonstrate the availability of the proposed resources to meet the tenderer's proposed key dates,</li> </ul> <p>Scoring Criteria for each key personnel:</p> <ul style="list-style-type: none"> <li>• Submission of CVs of key personnel which states that key resources have minimum of 3 years' relevant experience in similar projects with required qualification and demonstrate their availability = 10</li> <li>• Submission of some CVs of key personnel which states that key resources have 2 years and relevant experience in similar projects and demonstrate their availability = 8</li> <li>• Submission of some CVs of key personnel which states that key resources have less 1 or more years' relevant experience in similar projects and demonstrate their availability = 4</li> </ul> <p>Key resources have 1 year or less relevant experience in construction = 0</p>			
2.	Planning Requirements				10

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		Provide a typical project programme listing all activities that are required to execute the full scope of work from contract award to handover. The dates generated by the programme activities represent the anticipated start and completion of work required to execute the full scope of work in a logical and realistic manner. The programme must reflect important tools to be used per activity, with duration. Comprehensive project program detailing all project activities from contract award to project completion / handover =10 Project program not detailed or missing key project activities, but with tools list = 7 Project program not detailed or missing key tools list project activities=5 No project program submission=0	Project program/schedule	
TOTAL			100	

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3.6 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1	X	X	X	X
1.2	X	X	X	X
1.3	X	X	X	X
1.4	X	X	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

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Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Exclusion of Professional Registration Certificates of key personnel allocated to perform specified works
2.	Exclusion of a project specific schedule
3.	Exclusion of proof/record of completed projects of similar scope with traceable references
4.	Exclusion of method of statement
3.7.1 Exceptions / Conditions	

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Consultants' technical submission does not address entire scope required

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#### 4. Acceptance

This document has been seen and accepted by:

Name	Designation
Mthobisi Shongwe	Auxiliary Engineering Civil
Sipho Masango	Auxiliary Senior Mechanical Engineer
Sinothi Buthelezi	Auxiliary Engineering Line Manager
Manqoba Kubeka	Auxiliary Mechanical Engineer

#### 5. Revisions

Date	Rev.	Compiler	Remarks
April 2025	0	Manqoba Kubeka	First issue Technical Evaluation Strategy

#### 6. Development Team

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

- Manqoba Kubeka

#### 7. Acknowledgements

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