

Title: **Tender Technical Evaluation
Strategy: Repairs of BOP and
BMH during Commissioning at
Kusile Power Station Project**

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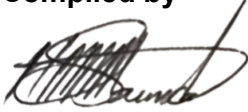
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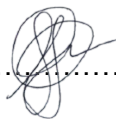
Compiled by



H. Mabunda
Manager
Commissioning

Date: 02/11/2023

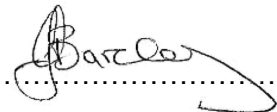
Functional Responsibility



S. Foku
Middle Manager
Commissioning

Date: 02/11/2023

Authorised by



C. Barclay
**Senior Manager Projects &
oversight**

Date: 2023-11-03

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1. INTRODUCTION

Kusile Power Station Commissioning Department (Group Capital Division), herein referred to as “the project”, has decided to form a partnership with a competent contractor to perform all the repairs that will include, electrical, C&I and mechanical on the Balance of Plant (BOP) and Bulk Material Handling (BMH) plants before handover to Generation Division (Gx). This document describes the detail of the Scope of Work for specific areas of the power plant, standards, quality requirements, specifications and the terms and conditions.

2. SUPPORTING CLAUSES

2.1 SCOPE

2.1.1 Purpose

The document defines the scope of work for the repairs of the BOP and BMH systems prior to hand over to Generation Division. It is therefore imperative that the successful and suitably qualified Contractor aligns their organisation fully to these specified scope activities and processes laid down in this document.

2.1.2 Applicability

This document is applicable to Kusile Power Station Project. This document shall be applicable to both the common plant for Balance of Plant (BOP) and Bulk Material Handling (BMH) systems and the unitised sections of the BOP and BMH plants during the commissioning phase until hand over to Gx.

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] 366-500743: Repairs of BOP and BMH during Commissioning at Kusile Power Station Project

2.2.2 Informative

N/A

2.3 DEFINITIONS

2.3.1 Classification

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

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2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
KET	Kusile Execution Team
MR	Mandatory Requirements
SHE	Safety, Health and Environment
N/A	Not Applicable
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

N/A

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

3.2 TENDER EVALUATION METHOD

Eskom undertook that the quotations will not be evaluated on price alone and that Eskom will broadly follow the evaluation process and apply the guideline evaluation criteria mentioned in the Table below for the evaluation of the quotations.

The following functional analysis process will be followed:

- Evaluate submissions against functional criteria;
- Rate each submission against each criteria;
- Apply weightings and calculate total functional score;
- Eliminate quotations below minimum threshold;

The following minimum thresholds will apply when evaluating the tenderer capability to execute the work required:

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Table 1: Functional Criteria

Functionality Criteria	Maximum number of points percentage	Tenderers will be expected to score at least the minimum threshold for functional area to proceed to the next step
	100%	70%
Safety, health & Environmental		
Technical		

Functionality:

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. Tenders need to have a weighted score of 70% or more for functionality to qualify for further evaluation. Functionality will include Technical, Safety, Health and Environment (SHE). Technical evaluation has a weighting of 75% and SHE 25%.

All of the scores will be entered on a single Excel workbook. Each evaluator will be assigned a review responsibility based on his or her area of expertise i.e. Technical, Safety, Health and Environment, and Quality. Separate reports will be compiled and signed off.

4. EVALUATION CRITERIA

4.1 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Sebongile Foku	Middle Manager: Commissioning
TET 2	Hatlane Mabunda	Line Manager: BOP - Commissioning
TET 3	Kholo Silindana	Senior Advisor: Commissioning
TET 4	Nontokozo Khumalo	Manager Commissioning

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4.2 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3 below identifies the requirements for the Mandatory Evaluation. These requirements are “must meet” criteria. They are assessed on a “Yes/No” basis. An assessment of “No” against a criterion shall technically disqualify the tenderer.

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Organogram and CV's of Project Team and the proposed full-time lead must be provided for all service resources	Refer to Technical Tender Returnable and Employer's Service Information.	To ensure the proposal meets the service requirements.

4.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

These are weighted evaluation criteria and are used to identify the highest technically ranked tenderer. The weighting reflects the relevant importance of each criterion.

The table below contains the list of Qualitative Evaluation Criteria for both focus areas.

The minimum weighted final score (threshold) required for a tenderer to be considered from a technical perspective is 75%. This is above the threshold specified in the Tender Engineering Evaluation Procedure as the requirements are not seen as complicated and must be met or it will lead to increased risk.

Table 4.1: Qualitative Technical Evaluation Criteria

A technical evaluation is evaluated at 100% of the overall requirements. **Overall weight scoring is 75%** for technical evaluation.

	Qualitative Technical Criteria Description	Tender Returnable	Criteria Weighting (%)	Score rating	Score
1.	Organogram				
	Contractor to submit an organogram and CV's of Project Team and the proposed full-time (lead)	Provide complete project team structure (organogram) based on the full scope of work. 1. The organogram must be accompanied by a letter confirming the availability of project team for the duration of the project. 2. It should be noted that the team members may only be replaced with individuals of equal or higher level of competence, after Client approval.	10%	Organogram with all resources stated and all CV's provided to 100%:	5
				Organogram level and CV's provided between 70 and 80%:	4
				Organogram level and CV's provided between 50 and 60%:	3
				Organogram level and CV's provided between 20 and 40%:	2
				Organogram level and CV's provided between 0 and 40%: Non responsive	1
2.	Method Statement				
			40%	Excellent response which demonstrates the ability to execute	5

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	Method statement for the proposed execution of work	Provide a general method statement indicating detailing how the Tenderer will execute the proposed scope of Works, including any constraints and risk associated with the work		the work far in excess of minimum requirements Good response detailing clearly how the work will be executed above and beyond the minimum requirements Acceptable response detailing how the service will fully meet the requirements Barely adequate levels of required scope to the SOW Less than minimum level of required or non-compliance to the SOW	 4 3 2 1
3.	Qualifications of personnel				
	Qualification of the personnel and their competencies relevant to the proposed scope of work / years of experience	The CVs of all project team members in organogram must be submitted. The number of years of relevant experience of the individual must be provided in the CV. Note: at least one mechanical personnel to be laser alignment accredited and proof of the certificate to be submitted.	20%	Relevant experience of 8 years and above Relevant experience between 5-7 years Relevant experience between 3-4 years Relevant experience between less than 1-3 years	5 4 2 3

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				Experience does not match the role and responsibility of the proposed scope of work	1
4.	Company's background				
	Company's background and experience on maintenance activities on Power stations or similar works as detailed in the scope of works.	<p>"The Tenderer must provide a track record of five or more completed projects that are similar to the works required on the proposed scope of work.</p> <p>The Contractor submits the following information with each reference project:</p> <ul style="list-style-type: none"> • Description of the project • Name of the Company where the project was executed • Value • Date • Client Contact details <p>Provide the list of references /projects that the tenderer has worked on</p>	30%	<p>5 and more projects minimum BUT with agreement/letters AND relevant project experience</p> <p>5 projects minimum BUT with agreement/letters AND unrelated project experience</p> <p>5 projects minimum BUT no agreement/letters provided AND unrelated project experience</p> <p>Projects less than 5 BUT no agreement/letters provided AND unrelated project experience</p> <p>No projects listed</p>	<p>5</p> <p>4</p> <p>3</p> <p>2</p> <p>0</p>
	Total weight		100%		

TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
Organogram and CV's of Project Team and the proposed full-time (lead)	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3
Method statement for the proposed execution of work	X	X	X
Qualification of the personnel and their competencies relevant to the proposed scope of work / years of experience	X	X	X
Previous relevant assignments	X	X	X
Company's background and experience on maintenance activities on Power stations or similar works as detailed in the scope of works.	X	X	

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4.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

Table 6: Scoring Criteria

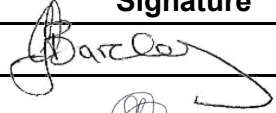




Scoring Criteria	Score	Percentage
Exceeds Employer's Requirements: Demonstrates exceptional strengths and technical ability, no errors, weaknesses or omissions.	5	100%
Meets Employer's Requirements: No errors, risks, weaknesses or omissions.	4	80%
Marginally does not meet Employer's Requirements: Some minor errors, risks, weaknesses or omissions which can be corrected/overcome with minimum effort.	3	60%
Substantially does not meet Employer's Requirements: Many errors, risks, weaknesses or omissions which may be difficult to corrected/overcome and make acceptable.	2	40%
No achievement of Employer's Requirements: Existence of numerous errors, risks, weaknesses or omissions which cannot be corrected.	1	20%
Totally deficient/non-responsive	0	0

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5. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Chris Barclay	Senior Manager	
Sebongile Foku	Middle Manager: Commissioning	
Hatlane Mabunda	Line Manager: BOP - Commissioning	
Kholo Silindana	Senior Advisor: Commissioning	
Nontokozi Khumalo	Manager: Commissioning	

6. REVISIONS

Date	Rev.	Compiler	Remarks
August 2023	1	H. Mabunda	As per project requirements

7. DEVELOPMENT TEAM

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

- Sebongile Foku
- Hatlane Mabunda
- Kholo Silindana
- Nontokozi Khumalo

8. ACKNOWLEDGEMENTS

- All those that contributed to this document.

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