	Specification	Kusile Power Station
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Title: Tender Technical Evaluation Strategy For C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance service

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CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES.....	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	3
2.2.1 Normative	3
2.2.2 Informative	3
2.3 DEFINITIONS	4
2.3.1 Classification	4
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES	4
2.6 PROCESS FOR MONITORING	4
2.7 RELATED/SUPPORTING DOCUMENTS	4
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.3 TET MEMBERS	6
4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	6
5 TET MEMBER RESPONSIBILITIES	10
6 AUTHORISATION	10
7 REVISIONS	10
8 DEVELOPMENT TEAM	10
9 ACKNOWLEDGEMENTS	10

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1. INTRODUCTION

Kusile Power Station management intends to establish a partnership with a suitably qualified, experienced, and well-established *Contractor* for C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance service at (Kusile Power Station Unit 1 to 6 and all assorted BOP plant)

This document describes the details of the Technical Evaluation criteria.

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the technical tender evaluation strategy for C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance for as and when required at Kusile Power Station.

2.1.1 Purpose

The purpose of this document is to define the scope of work specified for C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance service at Kusile Power Station.

2.1.2 Applicability

This document is applicable to Kusile Power Station Generation for C&I Boiler Combustion Oxygen Analysers, H2 purity and Conductivity meter Maintenance service.

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] 32-1034: Eskom Procurement Policy

2.2.2 Informative

KUS-20250431: C&I Boiler Combustion Oxygen Analysers and H2 Purity and conductivity meter Maintenance service Scope of Work Scope of Work.

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2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
C&I	Control and Instrumentation
H2	Hydrogen Plant
SOW	Scope Of Work
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

Compiler	The document compiler is responsible for ensuring that this document is up-to-date and that this document is not a duplication of an existing documentation, regarding the document's objectives and content.
Functional Responsibility (C&I Maintenance Manager)	The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.
Authoriser (Maintenance Group Manager)	The document authoriser is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives and requirements. He/she shall authorise the release and application of the document.
Lead Discipline Maintenance	Provides input to the technical tender evaluation strategy and associated engineering activities.

2.6 PROCESS FOR MONITORING

This document will be a continuous document to state the process for technical evaluation for C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance.

All Tenders will be verified by evaluators through cross referencing with clients

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.

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3. TENDER TECHNICAL EVALUATION STRATEGY

In order 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 Kusile Power for C&I Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance service SOW.

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 scoring method will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet technical requirement(s) AND;• No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet technical requirement(s) with;• Acceptable technical risk(s) AND/OR;• Acceptable exceptions AND/OR;• Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none">• Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR;• Unacceptable exceptions AND/OR;• Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE

The evaluation scores will be weighted as follows according to disciplines:

Technical (100%)	
General works	100%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.2 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

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3.3 TET MEMBERS

Table 1: TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: C&I Engineering	Vusi Skosana	C&I Engineer
TET 2: C&I Maintenance	Mvuselelo Shobede	C&I Snr Technical supervisor
TET 3: C&I Maintenance	Gugulethu Vilakazi	C&I Snr Technical supervisor

4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Notes to tenderer:

1. An undertaking is required that resources identified would not be changed on award of the Contract.
2. The CVs of Key Personnel should have experience which is comparable in nature to the Works specified in this tender.
3. It is a requirement that the key personnel, in particular, have excellent communication skills in the English language.
4. Where no information is offered by the Tenderer no points shall be scored.

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Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	<p>GATE KEEPER:</p> <p>A service provider must provide SANAS Accredited gas certification (NMISA)</p> <ul style="list-style-type: none"> ⇒ Provide a SANAS accredited certificate of the following Gases; ⇒ O2 – 2% & 21% ⇒ H2 – 100% ⇒ CO2 – 100% ⇒ H2 in Air – 85% <p>Note: Failure to submit the above, technically you will be disqualified.</p>		100%	
2.	GENERAL WORKS			
2.1	Comprehension of Scope			
	<p>2.1.1</p> <p>Provide a methodology/typical method statement & quality assurance documentation for the scope of works for C&I Maintenance of Boiler Combustion Oxygen Analysers, H2 Purity and Conductivity meter Maintenance. The method statement/s shall detail how the tenderer proposes to execute the works. The Method Statements shall clearly provide details of the Maintenance method to be adopted to execute the scope of work. The method statement should clearly indicate a quality assurance process/approach and plans/programs to be undertaken throughout the project activities.</p> <ul style="list-style-type: none"> ⇒ Propose details fully how scope will be met and provides comprehensive methodology of approach on C&I maintenance of C&I Boiler Combustion Oxygen Analysers, H2 plant Purity and Conductivity meter will be carried out, = 5 ⇒ Method statement provided but with minimum information on how work will be executed = 4 	Method statements, plans / program and Quality Control Plan		30%

5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET Members T1-T3
1.1.1	X
1.2.1	X
1.3.1	X

6 AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
Abel Vuma	Maintenance Group Manager
Stanley Mathye	C&I Maintenance Line Manager
Vusi Skosana	Engineer Prof Engineering
Gugulethu Vilakazi	C&I Maintenance supervisor

7 REVISIONS

N/A

8 DEVELOPMENT TEAM

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Thabang Tholo
Marakeng Madigoe
Gugulethu Vilakazi
Simiso Tembe
Temoshho Dibakoane

9 ACKNOWLEDGEMENTS

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