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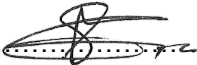
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CONTROLLED DISCLOSURE

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1. INTRODUCTION

An open enquiry invite will be issued calling for *Tenderers* to participate in the tender process for the Hydrogen Plant Refurbishment at Kusile Power Station. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this open enquiry invite.

The evaluations of tenders will be based on the *Tenderer's* ability to meet both mandatory and qualitative requirements specified for this project. A weighted score card approach will be used to determine the best qualifying *Tenderer*, and the technical evaluation criteria and scoring are set out in detail within this report.

2. SUPPORTING CLAUSES

2.1 SCOPE

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 for the Project. The scope of the project is described in technical specifications 366-516424[2].

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to capture 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 Kusile Power Station

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] 366-516424– Kusile Power Station Hydrogen Plant Refurbishment Scope of Work

2.2.2 Informative

[3] 240-56227413 : Hydrogen Systems Standard

2.3 DEFINITIONS

2.3.1 Classification

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

Definition	Description
Enquiry	A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.
Eskom Evaluation Team	The persons appointed by Eskom (referred to as the Employer) to perform the evaluation of tender submissions in line with Eskom's requirements.
Normative	Documents that shall be read in conjunction with this report and are binding on <i>Tenderers</i> .
Tender	A tender refers to an open or closed competitive request for quotations/ prices against a clearly defined scope or specification.

2.4 ABBREVIATIONS

Abbreviation	Description
C&I	Control & Instrumentation
CoE	Centre of Excellence
LPS	Low Pressure Services
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
KET	Kusile Execution Team
LDE	Lead Discipline Engineer
PEM	Project Engineering Manager
TES	Tender Evaluation Strategy
TET	Technical Evaluation Team
TL	Technical Lead
BOP	Balance of Plant
CIDB	Construction Industry Development Board
CV	Curriculum Vitae
H2	Hydrogen
NDT	Non-Destructive Test
OEM	Original Equipment Manufacturer

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482 [1]: Tender Technical Evaluation Procedure

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 (Manager)	The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.

Authoriser (Project Engineering 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 Engineers	Provide input to the technical tender evaluation strategy and associated engineering activities.
Configuration Management Lead	Is accountable for ensuring that the engineering documentation, engineering systems and databases are correctly configured. As part of this role, the Configuration Practitioner is responsible for the development of the configuration management plan; configuration and management of the PBS and the management of plant item Tags.

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be governed by Design Review Procedure (240-53113685), this entails assuring that the design achieves the requirements set out in this document.

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.1

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

In order to be eligible for evaluation, the contractor shall meet all the mandatory requirements.

The evaluation of tenders will be based on the contractor's ability to meet the requirements specified in Kusile Power Station Hydrogen Plant Refurbishment Scope of Work [2].

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. *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) Engineering: 100%

The evaluation of the tender submission will be based on the *Tenderer's* ability to meet the Engineering requirements. A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements.

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

Table 1: Evaluation Scores

Engineering (100%)	
LPS Engineering	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%.

3.3 TET MEMBERS

Table 2: Core TET Members

TET number	Designation	Name and Surname	Signature
TET 1	KET – LPS LDE	Willie van den Heever	
TET 2	KET – Mechanical Engineer	Tiyani Malwandla	

3.4 MANADATORY TECHNICAL EVALUATION CRITERIA

In order to be eligible for further evaluation the Contractor shall meet the mandatory gatekeepers specified in the table below. Non-compliance with the mandatory gatekeepers will result in automatic disqualification:

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Submit a letter of compliance to all Scope of Work with no exclusions.	366-516424 – Kusile Power Station Hydrogen Plant Refurbishment	The Contractor is responsible to complete the full scope of work.

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

No	Qualitative Technical Criteria Description	Weighting	Sub-Weighting	Reference to Technical Specification / Tender Returnable	
1	LPS	100%			
1.1	Company's background and experience on the design, construction, or Commissioning of Hydrogenics (OEM) Hydrogen generating plants and distribution plants including Hazardous installations and Control and Instrumentation. Company's background and experience shall be a minimum of 2 years on design, construction or commissioning of Hydrogen generating plant. The <i>Tenderer</i> must submit, as the primary contractor or a as part of a joint venture two (2) project completion letter(s)/Take-over certificate(s) of previous work done Hydrogen generating plant: • Name of Client • Project description • Construction period • Client Contact person • Cost	.	70%	Project completion letter/Take-over Certificate of previous work done Hydrogen generating plant.	<i>Tenderer</i> provides at least Two (2) verifiable references and/or project completion certificates with applicable content in accordance with criteria description = 5. <i>Tenderer</i> provides at least One 1) verifiable references and/or project completion certificates with applicable content in accordance with criteria description = 4. <i>Tenderer</i> is non-responsive, or references provided cannot be verified = 0.
1.2	Method statement for Nitrogen purging and filling of Hydrogen on receiver and distribution piping. <i>Tenderer</i> to provide methodology and typical method statements or procedure detailing how the <i>Tenderer</i> proposes for purging and hydrogen filling. The method statement shall encompass, as a minimum: • Construction approach/Description of the <i>Works</i> • List of plant and equipment used to execute the <i>Works</i>.		30%	Submit typical Method Statement(s) which clearly details the purging and filling of the Hydrogen Plant system.	<i>Tenderer</i> submits method statement(s) which cover both purging and filling of the hydrogen system in accordance with criteria description. = 5. <i>Tenderer</i> submits method statement(s) which only adequately addresses either purging or filling as per the criteria description; = 4. <i>Tenderer</i> submits method statement(s) with deficiencies (Tenderer does not adequately describe the Works as per the criteria description on both filling and purging) = 2 <i>Tenderer</i> is non-responsive, or No relevant method statement(s) submitted. = 0

3.6 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
Qualitative Criteria Number	TET 1	TET 2
1.1	X	X
1.2	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Experience shows no experience working with OEM equipment

3.7.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Alternate Standards and Codes

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Scope exclusion

4. AUTHORISATION

This document has been seen and accepted by:

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5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2024	00	Tiyani Malwandla	Final Document

6. DEVELOPMENT TEAM

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

- Tiyani Malwandla