

	Strategy	Engineering
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Title: **Tender Technical Evaluation
Strategy for the Permanent
Canteen at Kusile Power Station**

Unique Identifier:

366-503663

Alternative Reference Number:

N/A

Area of Applicability:

Engineering

Documentation Type:

Strategy

Revision:

1.0

Total Pages:

10

Next Review Date:

Disclosure Classification:

**CONTROLLED
DISCLOSURE**

Compiled by



~~N. [Redacted]~~

Engineer

Date: 14/06/2023

Functional Responsibility

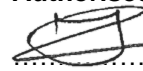


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Civil LDE

Date: 15/06/2023

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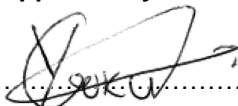


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Project Engineering manager

Date: 15/06/2023

Supported by



Yuvir Gokul

KET Engineering Design Work
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Date: 15/06/2023

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1. INTRODUCTION

Kusile Power station will make use of a permanent canteen facility for the lifetime of the power station. For this reason, the kitchen of the canteen needs to be outfitted with industrial kitchen equipment to support all the functions of the kitchen operations. The entire building and facilities included is to accommodate for 600 people.

A suitably qualified Contractor is required to install and commission new kitchen equipment as well as some of the current (new) equipment which was obtained from Wilge Accommodation Kitchen to support the kitchen operations for the station as well as furniture for the seating area and offices. The kitchen needs to provide catering and dining services to the permanent and temporary staff of the station and thus forms an integral part of the daily operations for employees.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document provides the tender technical evaluation strategy for the engineering solution required for the design and implementation of the landscaping that will be done in two phases as per areas explained in the scope of works at Kusile Power Station.

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 applied 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] ISO 9001 : Quality Management Systems
- [3] ISO 1007 : Guidelines for Configuration Management
- [4] 240-54179170 : Technical Documentation Classification and Designation Standard
- [5] 240-109607332 : Plant Labelling Standard
- [6] 240-73143217 : KKS Plant Codification Standard.
- [7] 240- 76992014 : Technical Document and Record Management Work Instruction
- [8] 240-66920003 : Documentation Management Review & Handover Procedure for Gx Coal Projects.
- [9] 240-65459834 : Project Documentation Deliverable Requirement Specification

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2.2.2 Informative

[10] 240-53113685: Design Review Procedure (Rev 3)

[11] 366-419213: Scope of work for the Supply, Delivery, Installation and commission of Kitchen Equipment for Kusile Power Station

2.3 DEFINITIONS

2.3.1 Contractor/Tenderer

Refers to the corporation appointed to perform the engineering, procurement, and construction/implementation works required for the project.

2.3.2 Employer

Refers to Eskom Holdings State Owned Company

2.3.3 Eskom Plant Engineering

Refers to the Eskom Engineering team who will perform the reviews and provide technical assistance for the work performed by the appointed Contractor.

2.3.4 Specification

The document/s forming part of the contract in which the methods of executing the various items of work to be done is described, as well as the nature and quality of the materials to be supplied and it includes technical schedules and drawings attached thereto as well as all samples and patterns

2.3.5 The Client

The end user will be Eskom who will be represented by Kusile Power Station throughout the duration of the Project.

2.3.6 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CIDB	Construction Industry Development Board
DCS	Distributed Control System
DRC	Design Review Committee
DRT	Design Review Team
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
EMP	Environmental Management Plan

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Abbreviation	Description
LDE	Lead Design Engineer
SANS	South African National Standard
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Refer to Section 2.2

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%. A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications.

The technical criteria and weighting is 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.

Individual engineering discipline specific criteria weighting is as follows:

Table 1: Evaluation Scores

Discipline	Weighting (%)
Civil and Structural	100

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Nadia Hoosen	Civil Engineer
TET 2	Thabani Mdlalosi	Civil Engineer

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Compliance letters confirming full compliance to the scope of works without any exclusions.	Provide a signed letter of compliance without any exclusions to Eskom's requirements/specifications, as per 366-419213: Scope of work for the Supply, Delivery, Installation, and commission of Kitchen Equipment for Kusile Power Station. In addition, all deviations are to be detailed in the letter provided (If applicable).	Demonstrate compliance to the full scope of works, national and international standards and Eskom Technical Requirements, without any exclusions to the scope of works. Ensure adherence to minimum standards.
2.	Provide a list of verifiable references of similar works of projects completed in the last 10 years – minimum of 1 is required.	Provide at least one proof of completion for projects undertaken. Proof of completion shall contain the following information for evaluation purposes: 1) Name of company where project was executed 2) Project Description 3) Construction period 4) Contract value 5) Contact person As per Technical specification 366-419213	Demonstrate tenderer's ability to complete scope of work successfully

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Civil Engineering/Canteen		As per Technical specification 366-419213	100	
	1.1	Typical method statements/procedures for the works: - Cold room installation - Kitchen Installations - Kitchen Commissioning - Canteen layouts	Provide Typical Method statements for the works to be designed and executed. As per Tech Spec 366-419213		40
	1.2	Provide a list of verifiable references of similar works of projects completed in the last 10 years.	Provide a verifiable list of projects successfully completed. The list shall contain the following information for evaluation purposes: 1) Name of company where project was executed 2) Project Description 3) Construction period 4) Contract value 5) Contact person As per Technical specification 366-419213		50
	1.3	Level 2 programme indicating activities of all the project work to be executed by the contractor (i.e. is the entire scope of works represented?)	Provide a Programme listing all civil & structural activities required to execute the full scope of work including all durations, from contract award to handover. The dates generated by the		10

			<p>Programme activities represent the anticipated start and completion of work required to execute the full scope of work in a logical and realistic manner.</p> <p>Design, construction, and handover indicating list of activity milestone duration per area.</p> <p>As per Technical specification 366-419213</p>		
				TOTAL:	
				100	

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1.	X	X
2.	X	X
Qualitative Criteria Number	TET 1	TET 2
2.1	X	X
2.2	X	X
2.3	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Exclusion of a project specific schedule
2.	Exclusion of high-level construction methodology documentation.

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

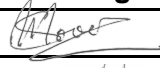

Risk	Description
1.	N/A

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	The methodology is generic and not scope specific, not tailored to address the specific project objectives, scope and constraints. The methodology does not deal with the critical constraints and hazards of the project.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Sugan Moodley	Chief Engineer C&I	
Willie Van Den Heever	LPS LDE	PP 

5. REVISIONS

Date	Rev.	Compiler	Remarks
February 2023	0.1	N Hoosen	Review
June 2023	1.0	N Hoosen	Authorised document

6. DEVELOPMENT TEAM

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

- Nadia Hoosen

7. ACKNOWLEDGEMENTS

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