

	Tender Evaluation	Engineering
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1. INTRODUCTION

This document outlines the technical tender evaluation criteria requirements to place a Contractor to rehabilitate the access roads at Tutuka Power Station.

1.1 SCOPE

Contractor refers to the Employer's latest Scope of Work for the Tutuka Engineering Department Park home facilities **for the detailed Scope of Works 15ENG CIVIL - 2023.**

All technical queries to be directed to the Civil Engineer.

Tenderer/Contractor to provide tender returnable submissions in accordance with the Employer's Latest Technical Evaluation Strategy and Latest Scope of Works

1.1.1 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.

1.1.2 Applicability

This document is applicable to all appointed and involved in the technical tender evaluation of tenders received from the Service Provider(s) in response to the required works

1.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

1.2.1 Normative

- [1] 240-53716712: Technical Evaluation Results

1.2.2 Informative

- [1] ISO 9001: 2015 Quality Systems Standard
[2] OHSA: Occupational Health and Safety Act No. 85 of 1993Health and Safety requirements: Construction 2014

1.3 CLASSIFICATION

- a. **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited.

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1.4 ABBREVIATIONS

Table 1: Abbreviations

Abbreviation	Description
CV	Curriculum Vitae
SHEQ	Safety Health Environment Quality
RFQ	Request For Quote
QCP	Quality Control Plan
TET	Technical Evaluation Team
CIDB	Construction Industry Development Board
SOW	Scope Of Work

1.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Tender Technical Evaluation Procedure

1.6 PROCESS FOR MONITORING

The tender returnable will be evaluated by the Employer's various functions in accordance with the issued tender evaluations i.e., technical and SHEQ

1.7 RELATED/SUPPORTING DOCUMENTS

As per section 2.2

2. TENDER TECHNICAL EVALUATION STRATEGY

The evaluation criteria will be based upon a two-step process:

Mandatory Criteria Evaluation

All TET members as defined in the Tender Technical Evaluation Strategy (and specifically TET member responsibilities) shall independently evaluate each tender in terms of compliance to the defined Mandatory Evaluation Criteria. Each TET member shall provide an individual scoring form on the compliance / non-compliance of all tenderers' responses to the Mandatory Evaluation Criteria. Each TET member shall provide clear justification(s) for each Mandatory Criteria evaluated as non-compliant ('NO'). All individual scoring forms shall be evaluated to check for consistency in scoring of the Mandatory Evaluation Criteria. Should there be inconsistency in the scoring, an internal clarification meeting shall be conducted with all TET members (who performed the evaluation) in the presence of the Commercial Representative. This meeting shall aim to jointly establish which of the tenderers qualify for the next phase of Qualitative Technical Evaluation. In the case where no tenderer meets all Mandatory Evaluation Criteria this shall be formally escalated to the Commercial Representative who shall guide the subsequent process. All meeting minutes shall be recorded and distributed to the Commercial Representative and included in the Tender Technical Evaluation Report.

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Qualitative Criteria Evaluation

Tenderers that have met all the Mandatory Evaluation Criteria shall be evaluated against the Qualitative Criteria as defined in the Tender Technical Evaluation Strategy. The scoring of qualitative criteria shall be based on the degree of achievement by the tenderer to meet the technical requirements. A score shall be allocated as per Table 2: Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form [2] for each tenderer. Note: Individual Qualitative Criteria scores shall only be finalised after all clarification sessions have been concluded.

Table 2: Qualitative Evaluation Criteria Scoring Table

Score	%	Definition
5	100	COMPLIANT Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
2	40	NON-COMPLIANT 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
Note 1: The scoring table does not allow for scoring of 1 and 3.		
Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

2.1 TECHNICAL EVALUATION THRESHOLD

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

2.2 TET MEMBERS

The technical evaluation team will be composed of a minimum of two members per discipline from the table below with at least one being professionally registered per discipline.

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Table 3: TET Members

TET number	TET Member Name	Designation
TET 1		Engineering Prof Civil
TET 2		Engineer in Training
TET 3		Senior Supervisor Tech Civil

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2.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Gatekeepers identified in the tender document will be “must meet” criteria identified in tabular questionnaire form. The *Contractor(s)* tender will be assessed based upon questionnaire seeking **YES** or **NO** response from the *Contractor(s)* with no point scores or weighted averaged assigned to the response.

Response of **NO** against any criteria will be elimination of the *Contractor(s)* tender for further consideration or short listing for detailed technical evaluation. Gatekeepers will be minimum criterion elements with most significant and critical parameters applicable to the successful execution of the RFP. Table 4 lists the mandatory gatekeeper questionnaires identified for the subject RFQ.

Table 4: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Contractor must attend site clarification meeting to quantify the works accurately prior submitting the pricing schedule	Proof of attendance of site clarification meeting, (NB! No person(s) may represent more than one company)	Minimizes the risk of inaccurate scoping and pricing submissions

2.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 5: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Civil / Structural/ Geotechnical		Technical returnables document	70	
	1.1	<p>Provide detailed method Statement specifying and showing ability to perform all the required works as described in the Scope of Works (Potable water, sewer connections, paving and drainage).</p> <p>Detailed method statement must demonstrate compliance and understanding of the required works.</p> <ul style="list-style-type: none"> • Sound method statement detailing how the full works information will be met and provides comprehensive methodology of approach submitted _ (5/5 points) • A basic acceptable method statement or a methodology with one activity missing submitted _ (4/5 points) • Method statement does not contain methodology of approach but reiterates to scope of works submitted _ (2/5 points) • No Method statement/ Not satisfactory submitted _ (0/5 point) 	As per Scope of Works 15ENG CIVIL - 2023		40%
	1.2	<p>Provide Contractor's previous work experience with proof that the contractor has previously executed water, sewer, paving and drainage work. (<i>Work must be related/like the Works Information</i>)</p> <ul style="list-style-type: none"> • 5 or more referable contracts submitted _ (5/5 points) • 3 to 4 referable contracts _ (4/5 points) • 1 to 2 contracts _ (2/5 points) 	<p>As per Scope of Works 15ENG CIVIL - 2023</p> <p>List of similar projects and Certificates of completion</p>		25%

		<ul style="list-style-type: none"> No work experience submitted _ (0/5 points) 	supported by signed references letters (NB! All information to have contactable references)		
	1.3	<p>The Contractor shall provide a machinery, equipment and tools list required to successfully carryout the works information.</p> <p>Furthermore, submit datasheets with proof of ownership (<i>under the companies' account</i>) or lease agreements and/ or letter of intent to hire for the below-mentioned machinery, equipment and tools.:</p> <ul style="list-style-type: none"> ➤ Roller compacter, ➤ Plate compactor, ➤ Troxler, ➤ Dumpy level. ➤ Consolidated tool list, all required datasheets and certificates of ownership or lease agreements, and/or letter of intent to hire submitted _ (5/5 points) ➤ One of the requirements not satisfied _ (4/5 points) ➤ More than one of the requirements not satisfied _ (2/5 points) ➤ No data or irrelevant data submitted _ (0/5 points) 	<p>As per Scope of Works 15ENG CIVIL - 2023</p> <p>Contractor to attach certificates of Ownership or a lease agreement (fully signed)</p>		10%
	1.4	<p>CV of Site Supervisor with post professional registration experience in water, sewer, paving and drainage works, supported by a submission diploma (<i>minimum</i>) in civil engineering with ECSA professional registration:</p> <ul style="list-style-type: none"> Required documentation including CV with +7 years' relevant experience submitted _ (5/5 points) Required documentation including CV with 6 to 4 years' relevant experience submitted _ (4/5 points points) Required documentation including CV with 3 to 1 years' relevant experience submitted _ (2/5 points) Irrelevant or insufficient or no data submitted _ (0/5 points) 	<p>As per Scope of Works 15ENG CIVIL – 2023</p> <p>Comprehensive CV with required experience, Tertiary qualifications, ECSA Professional registration certificate.</p>		15%

	1.5	<p>Detailed CVs with post trade test experience for Plumbers (<i>licensed</i>), Bricklayers & Carpenters (<i>minimum of 2 persons for each trade</i>) supported by the relevant qualifications, trade test certificate with red seal:</p> <ul style="list-style-type: none"> • All required documentation for all trades including CV's with +5 years' relevant experience submitted _ (5 points) • All required documentation for all trades including CV's with 4 to 3 years' relevant experience submitted _ (4 points) • Required documentation (with one trade missing) including CV's with 2 to 1 years' relevant experience submitted _ (2 points) • Insufficient or irrelevant data submitted or no submission _ (0 points) 	<p>As per Scope of Works</p> <p>15ENG CIVIL - 2023</p>		10%
2.	General		Technical returnables document	30%	
	2.1	<p>Provide proof of CIDB grading minimum level of 3CE</p> <ul style="list-style-type: none"> • Proof of required CIDB grading or more submitted _ (5/5 points) • Proof of required CIDB grading not submitted or lesser grade submitted _ (0/5 points) 	<p>As per Scope of Works</p> <p>15ENG CIVIL - 2023</p>		10%
	2.2	<p>Provide detailed schedule baseline plan/programme detailing how the works will be executed including lead times to complete the Scope of work timeously. This should include the milestones completion dates.</p> <ul style="list-style-type: none"> • Detailed schedule baseline programme with all clearly defined activities submitted _ (5/5 points) • A basic schedule baseline programme with all activities submitted _ (4/5 points) • Schedule baseline programme with one or more missing activity(s) submitted _ (2/5 points) • Insufficient or no data submitted _ (0/5 points) 	<p>As per Scope of Works</p> <p>15ENG CIVIL - 2023</p>		40%

	2.3	<p>Provide Quality Control (QCP) detailing all activities for all works (<i>potable water, sewer connections, paving and drainage</i>) in detail and intervention points to prevent rework and quality work according to the Works Information</p> <ul style="list-style-type: none"> Required QCP detailing all works and activities submitted _ (5/5 points) Incomplete QCP detailing works and activities without intervention points submitted _ (2/5 points) No QCP submitted or irrelevant data submitted _ (0/5 points) 	<p>As per Scope of Works</p> <p>15ENG CIVIL - 2023</p>		30%
	2.4	<p>Contractor to provide an organogram for the core crew (<i>names & qualifications</i>) of the following members:</p> <ol style="list-style-type: none"> Site Supervisor, Safety Officer/SHE Rep, Plumbers, Bricklayers, Carpenters. <p>That will be involved with executing the works, as described in the Scope of Works.</p> <ul style="list-style-type: none"> Detailed organogram with the required core crew 5 members submitted _ (5/5 points) Organogram with at least 4 core crew members submitted _ (4/5 points) Organogram not indicating the “name & qualifications” of the core crew submitted _ (2/5 points) Organogram not submitted/Does not contain core crew/ It is wrongly structured _ (0/5 points) 	<p>As per Scope of Works</p> <p>15ENG CIVIL - 2023</p> <p>Project Organogram with names and qualifications</p>		20%
				TOTAL: 100	

2.5 TET MEMBER RESPONSIBILITIES

Table 6: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
2	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3
1.1	X	X	X
1.2	X	X	X
1.3	X	X	X
1.4	X	X	X
2.1	X	X	X
2.2	X	X	X
2.3	X	X	X

2.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.6.1 Risks

Table 7: Acceptable Technical Risks

Risk	Description
1.	None

Table 8: Unacceptable Technical Risks

Risk	Description
1.	Mandatory technical requirements not submitted [Table 4]
2.	Inability to execute the required works as per scope of work issued [1]

2.6.2 Exceptions / Conditions

Table 9: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 10: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Inability to execute the required works as per the issued Works Information[1]

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
	Civil Engineering Manager
	Engineering Manager
	Senior Civil Engineer
	Senior Supervisor Tech Civil
	Project Manager
	Environmental Senior Advisor
	Safety Manager
	Senior Advisor Quality Engineering

4. REVISIONS

Date	Rev.	Compiler	Remarks
March 2025	0		First draft for review and comments
May 2025	1		Final Document

5. DEVELOPMENT TEAM

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

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6. ACKNOWLEDGEMENTS

N/A

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