Eskom	Strategy	Kusile Power Station

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……..	……..	……pp……..
Sibonelo Mtambo	**Puseletso Ndlovu**	**Sithokozile Hlongwa**
Engineer	**Control and Instrumentation Engineering Manager**	**Engineering Manager**
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1. Introduction

An invite will be issued for interested Consultants to submit proposals for Station Dirty Level Indicators Project. This document sets out the method and criteria that will be used to evaluate the tenders that will be submitted from this pre-qualification invite.

2. Supporting Clauses

2.1 Scope

This strategy defines the technical evaluation team (TET) and their responsibilities regrading this request for proposals. The mandatory and qualitative evaluation criterion used to evaluate the submitted tenders is also included in this report.

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 shall apply to Eskom 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] 240-168966153: Tender Technical Evaluation Procedure

[2] -20250414: Professional Services Scope of Work for the design of Station Dirty Dam Level Indicators Project

2.2.2 Informative

[3] 32-1034 Eskom Procurement and Supply Chain Management Procedure

2.3 Definitions

2.3.1 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.

2.3.2 Tender

A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

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2.3.3 Tenderer

One who tenders.

2.3.4 Classification

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

2.4 Abbreviations

Abbreviation	Description
TES	Technical Evaluation Strategy
CV	Curriculum Vitae
TET	Technical Evaluation Team
ECSA	Engineering Council of South Africa
C & I	Control and Instrumentation
ID	Identity Document
SACPCMP	South African Council for Project and Construction Management Professionals

2.5 Roles And Responsibilities

The roles and responsibilities are as per the Tender Technical Evaluation Procedure

2.6 Process For Monitoring

The Internal Audit Procedure shall monitor this procedure

2.7 Related/Supporting Documents

N/A

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%.

3.1.1 Weighted Scorecard

A weighted score approach will be used to evaluate the tenders against the Employer's requirements. The following scoring method will be used. The individual scores from the TET members on each evaluation criteria will be added and averaged to obtain a final score.

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Table 1: Assessment scorecard

SCORE	PERCENTAGE	DESCRIPTION
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**

3.2 TET Members

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Sibonelo Mtambo	Control and Instrumentation Engineer
TET 2	Keoagile Kgaladi	Civil Engineer
TET 3	Vely Sondezi	Electrical Engineer

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3.3 Mandatory Technical Evaluation Criteria

Table 3: Mandatory Technical Evaluation Criteria

N/A

Qualitative Technical Evaluation Criteria

Table 4: Qualitative Technical Evaluation Criteria

No	Qualitative Technical Criteria Description	Reference to Technical Specification/ Tender Returnable	Criteria Weighting (%)	Scoring			
				0	**2**	**4**	**5**
	1. Project Understanding and Approach						
	The tenderer provides an outline of how they intend to fulfil the design scope requirements. The proposal details the design process, all design related activities and deliverables in accordance with the scope requirements • Method statement • Proposal Design Plan • Engineering Drawings • Engineering Design Report	• Design Proposal **Notes:** **The scope of the project is dominantly civils construction, followed by Control and Instrumentation, and electrical**	20%	0=0% Totally deficient or Non-responsive	2=40% The design is deficient and non-exhaustive. The proposal demonstrates unacceptable technical risk(s) in meeting the project requirements And/Or; unacceptable exceptions	4=80% The design proposal has minor inconsistencies in relation to the project requirements. The proposal demonstrates acceptable technical risk(s) in meeting project requirements AND/OR; acceptable exceptions	5=100% The design proposal demonstrates critical analysis of the project objectives. The proposal is comprehensive and demonstrates the ability of the tenderer to fully execute the project scope. There are no foreseen technical risks in meeting the technical requirements
	2. Relevant Experience						
	Relevant experience/ (track record): The tenderer submits evidence of completed projects of the main Consultant that are equivalent to the service required in this contract. The tenderer submits a list of traceable references and completion certificates which adequately prove that the tenderer has completed at least two (2) projects successfully in the last ten (10) years covering similar scope as detailed in the Technical Scope Document. The project references cover the following but not limited to: - Civil design	• Track Record **Notes:** **Reference letters and/or Completion certificates must be on the referee's/client letterhead**	10%	0=0% The tenderer has no relevant experience related to the project. No past projects demonstrate the required expertise, and there is no evidence of successful completion of similar work	2=40% The tenderer has limited relevant experience, with atleast one (1) project related to the scope of work. Some experience exists, but it lacks depth or direct applicability to the project requirements.	4=80% The tenderer has substantial relevant experience, having successfully completed atleast two (2) similar projects. Their track record demonstrates competence and capability in executing the required work.	5=100% The tenderer has extensive and highly relevant experience, with a proven track record of successfully delivering 3 or more projects of similar scope and complexity. Their expertise is fully aligned with the project requirements

	- Structural design - Electrical system design - Control &Instrumentation systems design The tenderer should provide details as per the following: 1. Consultant who executed the service 2. Name of Client for whom project was executed; 3. Project description; 4. Contract period (Project Start and End Dates) 5. Contract value; 6. Client contact details i.e. name, designation and contact person of referee/s are required						
3. Personnel Experience and Competence							
3.1 Civil/ Structural Engineering Design Services							
	The tenderer submits particulars of the following project resource: • Civil/Structural Engineers/Technologist professionally registered with ECSA with 5 years experience in Civil Design e.g. bridges	• CV of key personnel- tenderer demonstrates level of related design experience • Certified Formal qualification • Certified ID copies of key personnel • Certified Professional registration certificate (ECSA)	20%	0=0% No submission/No formal/No ECSA certificate submission	2=40% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 1- 2 years demonstrable experience in civil design Professional registration certificate included in the submission	4=80% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 3- 4 years demonstrable experience in civil design. Professional registration certificate included in the submission	5=100% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 5 or more years demonstrable experience in civil design Professional registration certificate included in the submission

3.2 Geotechnical Services							
	The tenderer submits particulars of the following project resource: • Geotechnical engineering practitioner professionally registered with ECSA with 5 or more years' experience in the following: • Geotechnical site investigations • Geotechnical design	• CV of key personnel- tenderer demonstrates level of related design experience • Certified Formal qualification • Certified Formal qualification • Certified ID of key personnel • Certified Professional registration certificate (ECSA)	20%	0 = 0% No submission/No formal /No ECSA certificate submission	2 = 40% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 1- 2 years demonstrable experience in structural design Professional registration certificate included in the submission	4 = 80% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 3- 4 years demonstrable experience in structural design. Professional registration certificate included in the submission	5 = 100% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 5 or more years demonstrable experience in structural design Professional registration certificate included in the submission
3.3 Control & Instrumentation Engineering Design Services							
	The tenderer submits particulars of the following project resource: • Control and Instrumentation Engineer/Technologist professionally registered with ECSA with 5 years experience in Instrumentation and Control Design i.e. Level sensors, temperature sensors etc.	• CV of key personnel – tenderer demonstrates level of related design experience • Certified Formal qualification • Certified ID copies of key personnel • Certified Professional registration certificate (ECSA)	10%	0 = 0% No submission/No formal /No ECSA certificate submission	2 = 40% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 1- 2 years demonstrable experience in C&I design Professional registration certificate included in the submission	4 = 80% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 3- 4 years demonstrable experience in C&I design. Professional registration certificate included in the submission	5 = 100% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 5 or more years demonstrable experience in C&I design Professional registration certificate included in the submission

3.4	Electrical Design Services						
	The tender submits particulars of the following project resource: • Electrical Engineer/Technologist professionally registered with 5 years experience in Electrical System Design	• CV of key personnel tenderer demonstrates level of related design experience • Certified Formal qualification • Certified ID copies of key personnel • Certified Professional registration certificate (ECSA)	10%	0 = 0% No submission/No formal /No ECSA certificate submission	2 = 40% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 1- 2 years demonstrable experience in electrical design Professional registration certificate included in the submission	4 = 80% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 3- 4 years demonstrable experience in electrical design. Professional registration certificate included in the submission	5 = 100% Formal engineering degree (or equivalent qualification) in relevant engineering discipline i.e. BSc/BEng/BTech/MEng. Resource has 5 or more years demonstrable experience in electrical design Professional registration certificate included in the submission
4	Organisation Organogram						
	Organogram & Staffing The tenderer to submit the proposed organisational structure of key personnel of the main Consultants and his Subconsultants • In case of an association/joint venture/consortium, it should be indicated	• Project organogram	10%	Totally deficient Or Non-responsive	Organogram includes 1 key project personnel. CVs included	Organogram includes minimum of 2 key project personnel. CVs included	Organogram includes a minimum of 3 or more key project personnel. CVs included

	how the duties and responsibilities are to be shared. If the tender intends on making use of the services of a Subcontractor/s for sections of the scope, the delegation of duties and responsibilities should be clearly indicated. The minimum required key project resources to include the following: 1. Project Manager 2. Civil/Structural Engineer/Technologist 3. Geotechnical Engineer/Technologist 4. Electrical Engineer/Technologist 5. C & I/Electronic Engineer/Technologist 6. Professional Quantity Surveyor						

TET Member Responsibilities

Table 5: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**
1	X	X	X					
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**
1.	X	X	X					
2.	X	X	X					
3.1	X	X	X					
3.2	X	X	X					
3.3	X	X	X					
3.4	X	X	X					
4.	X	X	X					

3.4 Foreseen Acceptable / Unacceptable Qualifications

3.4.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	**N/A**
2.	

Table 7: Unacceptable Technical Risks

Risk	Description
1.	• **Exclusion of proof/record of completed projects of similar scope with traceable references** • **Exclusion of Professional Registration Certificates of key personnel allocated to perform the specified services**
2.	

3.4.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**
2.	

4. Authorisation

This document has been seen and accepted by:

Name	Designation	Signature
Sibonelo Mtambo	Control and Instrumentation Engineer	
Keoagile Kgaladi	Civil Engineer	
Vely Sondezi	Electrical Engineer	

5. Revisions

Date	Rev.	Compiler	Remarks
June 2025	1	S. Mtambo	First Issue

6. Development Team

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

Sibonelo Mtambo

Keoagile Kgaladi

Vely Sondezi

7. Acknowledgements

N/A

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