Eskom	Strategy	Engineering

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1. INTRODUCTION

This document sets out the method and criteria that will be used to evaluate the tenders for the Kusile Power Station 60 Year ADF Wetland offset Phase 1.

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the TET, their responsibilities and the criteria to be used to evaluate the Kusile Power Station 60 Year ADF Wetland Offset Phase 1 Project. The scope of the project is as described in the Kusile Power Station 60 Year ADF Wetland Offset Technical specification, 366-513553.

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 strategy document applies to the engineering evaluation team working on the Kusile Power Station 60 Year ADF Wetland Offset Phase 1 project.

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: Generation Technical Tender Evaluation Procedure Rev 1

[2] 32-1034: Eskom Procurement Policy

2.2.2 Informative

[3] 366-513553 Kusile Power Station Wetland Offset Technical specification rev 1

2.3 DEFINITIONS AND CLASSIFICATION

2.3.1 Definitions

Phrase	Definition
Tenderer	Prospective corporation that responds to the tender invitation/ enquiry for Kusile Power Station Wetland Offset Phase 1 project
Similar works/scope	Construction of earthworks or concrete works or wetland offset works or removal of foreign invasive plant or stormwater works.
Tender	Tender returnable
Contractor	Refers to the corporation appointed to perform the engineering, procurement, and construction works required for the project.
Employer	Refers to Eskom Holdings State Owned Company
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 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
ADF	Ash Dump Facility
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
Gx	Generation
LDE	Lead Discipline Engineer
Pr.CM	Professional Construction Manager
QITP	Quality Inspection and Test Plans
SACPCMP	South African Council for the Project and Construction Management Professions
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per **240-168966153**: Tender Technical Evaluation Procedure.

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. Any changes to this document will be performed as per Project Engineering Change Management Procedure (240-53114026).

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Normative/Informative References.

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TENDER EVALUATION METHOD

A two stage Technical Evaluation Strategy is set out. Stage 1:

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 by the EDWL to check for consistency in scoring of the Mandatory Evaluation Criteria. Should the EDWL find 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.

Stage 2:

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 6: Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form for each tenderer. Note: Individual Qualitative Criteria scores shall only be finalized after all clarification sessions have been concluded.

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications and 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 per table 1 overleaf:

Table 1: Scoring Method

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**

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

Table 2: Evaluation Scores

Technical (100%)	
Civil Engineering	90%
System Integration	10%
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% as defined in the Tender Technical Evaluation Procedure (240-168966153).

3.3 TET MEMBERS

Table 3: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: Civil Engineering		Gx asset performance Ash dumps Chief Engineer
TET 2: Civil Engineering		Kusile 60 Year ADF Civil LDE
TET 3: System Integration		LDE: Configuration Management and Document management
TET 4: System Integration		System Integration Engineer

Table 4: Optional TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 5: Civil Engineering		Gx asset performance Roads Chief Engineer
TET 6: Civil Engineering		LDE: 60 Year ADF
TET 7: EDWL		EDWL: 60 Year ADF

3.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 5: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Tender Returnable (s)	Motivation for use of Criteria
1	**Company experience:** Relevant experience (track record) as the main contractor in similar scope. The tenderer submits completion certificates supplemented by a list of verifiable references that adequately proves that the tenderer has at least completed two (2) contracts successfully of similar scope in the last ten (10) years.	Two (2) legible completion Certificates as proof for projects undertaken in the last 10 years in similar works. Completion certificates should include the following as a minimum and be accompanied by a completed Table 6 below. The table is to include the following: 1) Name of company (Client) where project was executed 2) Detailed description of works done by the tenderer 3) Contact details of Client from previous project 4) Value of the project Tenderer is to reproduce, complete and submit table 6 below. Note: Eskom reserves the right to verify submitted projects with the previous clients.	Demonstrate contractor's prior experience and capability to undertake the project.
2	**Compliance Letter:** Letter confirming full adherence to the scope of works, Eskom's requirements / specifications, OHS legislation, and national and international standards without any exclusions.	Provide a signed letter of commitment without any exclusions to the full scope of works as detailed in technical specification with document number 366-513553 Rev 2, Eskom's requirements / specifications, OHS legislation, and national and international standards.	Demonstrate tenderers' commitment to adherence through a letter of commitment to the full scope of works, OHS legislation, national and international standards and Eskom Technical Requirements, without any exclusions. To be submitted by the tenderer.

Table 6: Project List

Name of company (Client) where project was executed	Detailed description of the works	Contact Details of the previous Client	Value of the project

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Notes to tenderer:

1. The Contractor shall submit a written undertaking stating that the key personnel identified will be available for the project and would not be changed on award of the Contract. Where proposed key personnel are no longer available to undertake the work, the Contractor shall provide a suitably qualified replacement with equivalent or higher competencies (subject to the approval by the Employer).
2. The CV's 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 have good communication skills in the English language.
4. Where no information is offered by the Tenderer no points shall be scored.

Table 7: Qualitative Technical Evaluation Criteria (Civil Engineering)

	Qualitative Technical Criteria Description	Tender Returnable	Reference to Technical Specification	Criteria Weighting (%)	Criteria Sub Weighting (%)	Scoring			
1	**CIVIL ENGINEERING**			**90**		**Compliant**	**Compliant with Associated Qualifications**	**Non-Compliant**	**Totally Deficient or Non-responsive**
						5	**4**	**2**	**0**
1.1	**Method statements**			40					
1.1.1	Project specific (Kusile Power station wetland offset project) High level project Method Statements (Construction Approach): The Project specific method statements shall clearly provide details of the construction method to be adopted to execute the Works. Minimum high-level requirements: 1. Description of the Works 2. Resource (People) responsibilities 3. Construction approach 4. Applicable national and or international standards 5. Resource (Plant and Tools) responsibilities.		As per Employers Technical Specification 366-513553 section 3		100				
1.1.1.1	Method Statement for Site establishment, de-establishment, and traffic management				30	Method Statement addresses all 5 minimum high level requirements.	Method Statement addresses 4 of the 5 minimum requirements	Method Statement addresses 3 minimum requirements.	Method Statement addresses less than 3 minimum requirements

									OR Content of the method statement is not applicable
1.1.1.2	Method Statement for earthworks including dealing with stormwater management, dust control and construction in Wetlands	High level Project specific Method statements as per Criteria Description			40	Method Statement addresses all 5 minimum high level requirements.	Method Statement addresses 4 of the 5 minimum requirements	Method Statement addresses 3 minimum requirements.	Method Statement addresses less than 3 minimum requirements **OR** Content of the method statement is not applicable
1.1.1.3	Method Statement for concrete works construction				30	Method Statement addresses all 5 minimum high level requirements.	Method Statement addresses 4 of the 5 minimum requirements	Method Statement addresses 3 minimum requirements.	Method Statement addresses less than 3 minimum requirements **OR** Content of the method statement is not applicable
1.2	**Quality Inspection and Test plans**			20					
1.2.1	Project Specific Quality Inspection and Testing plans (QITPs) Project specific (Kusile Power station wetland offset project) High level project Quality inspection and Testing plans The Project specific QITPs shall include • Documentation submission, • Activities/sub-activities aligned to construction methodology • Specification or testing procedure document and • Intervention points for the Tenderer		As per Employers Technical Specification 366-513553 section 3						
1.2.1.1	QITP for Drop Structure	High level Project specific quality Inspection test plans as per			50	QITP addresses all 4 minimum high level requirements.	QITP addresses 3 of the 4 minimum requirements	QITP addresses 2 minimum requirements.	QITP addresses less than 2 minimum requirements **OR** Content of the QITP is not applicable
1.2.1.2	QITP for Cattle Crossing				50	QITP addresses all 4 minimum high level requirements.	QITP addresses 3 of the 4 minimum requirements	QITP addresses 2 minimum requirements.	QITP addresses less than 2 minimum requirements **OR**

		Criteria Description							Content of the QITP is not applicable
1.3	**Key Resources:**			20					
1.3.1	Experience of key staff in relation to the Scope of Works. N.B. Certified copies of certificates and ID Copy (certified date not more than 6 months)		As per Employers Technical Specification 366-513553						
1.3.1.1	Construction manager: Demonstrate that the Construction manager has a minimum of 5 years' experience in construction projects of similar scope. Provide relevant tertiary qualifications (Degree/Diploma/Certificates), Curriculum Vitae, valid Pr.CM registration with SACPCMP and ID copy of the Construction Manager to be used on the project.	Curriculum Vitae with valid verifiable certified certificates and ID Copies as per Criteria Description			50	Submitted CV with verifiable certified SACPCMP certificate (Pr.CM), certified ID copy, and certified tertiary qualification showing more than 10 years relevant experience.	Submitted CV with verifiable certified SACPCMP certificate (Pr.CM), certified ID copy, and certified qualifications showing 8 to 10 years of relevant experience.	Submitted CV shows 5 to 7 years' relevant experience and includes relevant certified qualifications, certified ID copy, and certified SACPCMP certificate (Pr.CM)	No CV submitted OR Construction Managers experience is less than 5 years OR Missing SACPCMP certified certificate (Pr.CM) OR Missing certified ID copy OR Missing tertiary qualification
1.3.2	Civil Engineer: Demonstrate that the Site Engineer has a minimum of 3 years' experience in construction projects of similar scope. Provide relevant tertiary Qualifications (Degree/Diploma), Curriculum Vitae, valid registration with ECSA as a Candidate Engineer or professional Engineer, and ID copy of the Site Engineer to be used on the project.				50	Submitted CV with verifiable certified relevant tertiary qualification, certified ID copy, and certified ECSA certificate showing more than 6 years relevant experience.	Submitted CV with verifiable certified relevant tertiary qualifications, certified ID copy, and certified ECSA certificate showing 4 to 6 years of relevant experience.	Submitted CV shows 3 to 4 years relevant experience and includes relevant certified qualifications, certified ECSA certificate and certified ID Copy	No CV submitted OR Engineer's experience is less than 3 years OR Missing certified qualifications OR Missing Certified ID OR Missing ECSA registration Certificate
1.4	**Key Plant & Equipment**			20					
1.4.1	Tenderer to submit plant & equipment schedule/histogram demonstrating plant & equipment requirements, applications as per method statements	Plant & equipment schedule/histogram as	As per Employers Technical		100	Schedule/Histogram clearly indicates all plant & equipment required over the contract period to	Schedule/Histogram clearly indicates all plant & equipment required over the contract period to	Schedule/Histogram does not indicate methodology application OR does not indicate plant &	No plant & equipment schedule/histogram submitted.

	and durations for the full scope of work over the contract period. The schedule/histogram of Plant & Equipment to be used to execute the work states the availability of the required Plant and Equipment as per the proposed schedule/construction schedule taking the project start and end date into consideration. The Contractor provides indication of intent to hire/lease equipment where applicable.	per Criteria Description	Specification 366-513553			complete the full scope of work AND indicates the methodology application for each AND indicates the availability including intent to hire/lease equipment where applicable.	complete the full scope of work AND indicates the methodology application for each BUT does not indicate how plant & equipment quantities vary over the contract period.	equipment availability.	
	Subtotal			Subtotal:100					
	Total (Weighted Percentages According to Disciplines)			**Total:90**					

Table 8: Qualitative Technical Evaluation Criteria (System Integration)

	Qualitative Technical Criteria Description	**Tender Returnable**	**Reference to Technical specification**	**Criteria Weighing (%)**	**Criteria sub weighing (%)**	**Scoring**			
2	**SYSTEM INTEGRATION**			**10**		**Compliant**	**Compliant with Associated Qualifications**	**Non-Compliant**	**Totally Deficient or Non-responsive**
						5	**4**	**2**	**0**
2.1	**Configuration Management**			55					
2.1.1	See Configuration Management section in Appendix B of Technical Specification. • Contractor to provide a signed letter of compliance in line with VGB-R 171e "Guideline for the supply of technical documentation for fossil-fired and regenerative power stations • Contractor to provide a signed letter of compliance in line with the ISO 10007 Guidelines for Configuration Management; and • Submit Configuration Management Plan aligned to ISO 10007	Signed Compliance letters and Configuration management plan	As per Employers Technical Specification 366-513553		50	3 out of 3 provided.	N/A	1 or 2 out of 3 provided	No submission
2.1.2	Refer to Plant Labelling and Coding section in Appendix B of Technical Specification. • Provide a letter of compliance to the Plant Coding and labelling standard 240-71432150 and 240-93576498 KKS Coding Standard	Portfolio of evidence and signed letter of compliance.	As per Employers Technical Specification 366-513553		50	The Tenderer has provided both portfolio of evidence and letter of compliance. .	N/A	Letter of compliance only OR Portfolio of evidence Only	No submission

	• The contractor is to provide a portfolio of evidence reflecting work completed on previous project(s)								
2.2	**Document Management**			45					
2.2.1	Refer to Document Management section Appendix B of Technical Specification. • Contractor to confirm compliance to the VDSS on a signed letter See Handover section appendix B of Technical Specification • Provide Handover Plan in alignment to Handover Specification 240-128515850; and • A letter confirming compliance to the Handover Specification	Signed Compliance letter and Handover plan	As per Employers Technical Specification 366-513553		50	Provided a signed compliance letter to VDSS and provided Handover Plan .	N/A	Contractor provides 1 out 2	No submission
2.2.2	See Document and Configuration Management section Appendix B of Technical Specification. The contractor shall confirm that drawings/documentation will be submitted in the compatible formats as indicated in the works. Contractor to indicate compliance to Eskom systems and processes i.e. 240-86973501 Engineering Drawing Standard and 240-53114186 Document and Record Management Procedure	Signed Compliance letter	As per Employers Technical Specification 366-513553		50	Provided a signed letter of compliance to both standards	N/A	N/A	No submission
	Subtotal			**Subtotal:100**					
	Total (Weighted Percentages According to Discipline)			**Total: 10**					

3.6 TET MEMBER RESPONSIBILITIES

Table 9: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 7
1	X	X	X	X	X
2	X	X	X	X	X
3	X	X	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	
1.1	X	X			
1.2	X	X			
1.3	X	X			
1.4	X	X			
2.1			X	X	
2.2			X	X	

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 10: Acceptable Technical Risks

Risk	Description
1.	• Above threshold while not meeting some criteria's

Table 11: Unacceptable Technical Risks

Risk	Description
1.	• Invalid certificates • Uncertified documents • Not readable documents

3.7.2 Exceptions / Conditions

Table 12: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 13: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
	Kusile Engineering Manager
	Kusile 60 Year ADF EDWL
	Kusile 60 Year ADF LDE
	Gx Engineering Ash dumps Chief Engineer
	Kusile 60 Year ADF Civil LDE
	System integration Engineer
	Configuration manager
	Gx Engineering Civil and Structural Chief Engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2025	A		Draft document for comments
February 2025	0		Approved for use
November 2025	1		Approved for use • Re-worded the Mandatory compliance letter requirements • Updated Mandatory requirements • Removed Organogram requirement from Civil qualitative criteria
May 2026	2		Approved for use • Updated Mandatory requirements • Updated the Civil and System Integration Qualitative requirements • Removed reference to Appendix A: Score card

6. DEVELOPMENT TEAM

All TET members were involved with the development of this document.

7. ACKNOWLEDGEMENT

Thanks to all who have contributed to this strategy.