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Strategy for the Kusile 60Y ADF
Early Works Construction**

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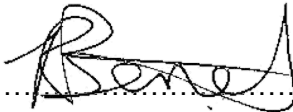
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1. INTRODUCTION

This document sets out the method and criteria that will be used to evaluate the tenders for the Kusile 60 Year Ash Dump Early Works Construction project.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to capture the technical tender evaluation strategy for the Kusile 60 Year Ash Dump Facility Early Works Construction project. The scope of the project is as described in the Kusile 60Y ADF – River Diversion Floodplain Construction Technical Specification (K60YADF_ENG_001).

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 applies to the Tender Evaluation Team for the Kusile 60 Year Ash Dump Facility Early Works Construction 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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

[2] K60YADF_ENG_003: Kusile 60Y ADF – Early Works Construction Technical Specification

2.3 DEFINITIONS

Definition	Description
Contractor/Tenderer	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
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.
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

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

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
ADF	Ash Disposal Facility
CoE	Centre of Excellence
EDWL	Engineering Design Work Lead
IAGI	International Association of Geosynthetic Installers
LDE	Lead Discipline Engineer
SHEQ	Safety, Health, Environment and Quality
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: 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

None.

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL 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

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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 5: 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 finalised 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 follows:

Table 1: Scoring Method

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet technical requirement(s) AND;• No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet technical requirement(s) with;• Acceptable technical risk(s) AND/OR;• Acceptable exceptions AND/OR;• Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none">• 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

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

Technical (100%)	
Civil 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 : Section to be evaluated	TET Member Name	Designation
TET 1: Civil Engineering	Ruan Beneke	60YADF EDWL
TET 2: Civil Engineering	Ayodele Jimoh	LDE: Civil & Structural Engineering
TET 3: Civil Engineering	Riaan Venter	Civil & Structural Engineering

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3.4 MANDATORY 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.	Supply a letter of compliance to all Scope of Work for the 60YADF Early Works Construction project.	See Technical Specification [2] / Letter of compliance to all Scope of Work to be provided.	Full compliance to Scope of Work.
2.	<p>Relevant experience (track record):</p> <p>The tenderer submits a list of traceable references and/or completion certificates that adequately proves that the tenderer has completed at least two (2) contracts successfully of similar scope in the last ten (10) years.</p> <p>Where Testimonials or Completion certificates that meet the abovementioned requirements cannot be provided, a Project list or company profile with at least 2 similar projects may be submitted. Documents will not be considered if the minimum requirements are not included either in the testimonials, completion certificates, project list and/or company profile.</p> <p>If a sub-contractor's experience will be used to meet the abovementioned criteria, this should be accompanied by a letter of intent to form a subcontracting agreement between both parties.</p>	<p>Experience to be relevant to Section 3 of the Technical Specification</p> <ol style="list-style-type: none"> 1. Name of Client for whom project was executed; 2. Project description; 3. Construction period; 4. Contract value; 5. Similar scope includes bulk earthworks, channel, road and/or dam construction. 	Contractor with no relevant prior experience on projects of sufficient scale is an unacceptable risk.

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Notes to tenderer:

1. An undertaking is required that resources identified would not be changed on award of the Contract.
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, in particular, have good communication skills in the English language.
4. Where no information is offered by the Tenderer no points shall be scored.

Table 4: Qualitative Technical Evaluation Criteria (Civil Engineering)

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	CIVIL ENGINEERING			100	
1.1.	Comprehension of scope			25%	
	1.1.1.	<p>Typical Method Statements (Construction Approach):</p> <ul style="list-style-type: none"> The Method Statements clearly provide details of the construction method to be adopted to execute the Works. Typical method statements detailing similar scope may be used A breakdown of the Method Statements that will be evaluated are provided in 1.1.1.1. to 1.1.1.2 below. Each Method Statement will contribute equally to the final score of 1.1.1. i.e. 50% per Method Statement and be evaluated according to the abovementioned requirements. 	As per Employers Specification of the Works Information and Scope of Works. Tender Returnable is Method Statement as per Criteria Description.		
	1.1.1.1.	<p>Method Statement for installation of erosion protection including gabion baskets and/or reno mattresses (50% of 1.1.1.).</p> <p>The Method Statement clearly provides details of the construction method to be adopted to execute the Works.</p> <p>Minimum High Level requirements:</p>	As per Employers Specification of the Works Information and Scope of Works. Tender Returnable is Method Statement as		50%

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
		<ul style="list-style-type: none"> Construction approach/Description of the Works Construction approach includes reference to Plant requirements 	per Criteria Description.		
	1.1.1.2.	<p>Method Statement for bulk earthworks excavations including dealing with stormwater and dust management (50% of 1.1.1.).</p> <p>The Method Statement clearly provides details of the construction method to be adopted to execute the Works.</p> <p>Minimum High-Level requirements:</p> <ul style="list-style-type: none"> Construction approach/Description of the Works Construction approach includes reference to Plant requirements 	As per Employers Specification of the Works Information and Scope of Works. Tender Returnable is Method Statement as per Criteria Description.		50%
1.2.	Company & Resource Experience			65%	
	1.2.1.	<p>Demonstrate the level of involvement on projects with similar scope.</p> <p>Three signed completion certificates are required, each meet the minimum requirement listed below:</p> <ol style="list-style-type: none"> Construction Project value with a minimum of R10 Million. Completion certificates should include a description of the scope that the Contractor executed. <p>A company profile demonstrating the overall company experience in years in the civil and/or mining industries should also be submitted.</p> <p>Where Completion certificates that meet the abovementioned requirements cannot be provided, a Project list or company profile with at least three projects meeting the minimum requirement may be submitted. Documents will not be considered if the minimum requirements are not included either in the completion certificates, project list and/or company profile.</p>	Experience to be relevant to Section 3 of the Technical Specification. Relevant experience includes, bulk earthworks, river diversions, road and/or dam construction.		80%

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1.2.2.	<p>Project Organogram & Staff Experience: The Tenderer submits the project organisational structure</p> <ul style="list-style-type: none"> In case of an association/joint venture/consortium, it should be indicated how the duties and responsibilities are to be shared. If the tenderer intends making use of the services of subcontractor(s) for sections of the Works, the delegation of duties and responsibilities should be clearly indicated. To the extent that such information is available, provide the subcontractor organisation and staffing. Key resources to be considered include Construction Manager and Site Agent/Foreman. Submit relevant Qualifications & Curriculum Vitae of key resources to be used on the project. The Construction Manager's CV should include proof of registration with the relevant industry professional body (SACPCMP as a professional Construction Project Manager (Pr.CPM) or professional Construction Manager (Pr.CM)). Demonstrate the Construction Manager's experience in civil construction. 	As per Employers Specification of the Works Information and Scope of Works. Tender Returnable for this criteria are CV's of key resources.		20%
1.3.	Deviations and Qualifications			10%	
	1.4.1.	<p>Confirm there are no deviations and qualifications to the specification by completing the deviations and qualifications schedule.</p> <p>If there are, capture these as per the following: Where deviations and qualifications occur, the tenderer will complete the deviations schedule, complete with the rationale of the deviation or qualification and the benefit thereof to the employer</p>	As per Employers Specification of the Works Information and Scope of Works.		100%
	Subtotal (Item 1 of the Qualitative Technical Evaluation Criteria)			Subtotal: 100	
	Total (Weighted Percentages According to Disciplines)			TOTAL: 100	

TET MEMBER RESPONSIBILITIES

Table 5: 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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	As per Appendix A

Table 7: Unacceptable Technical Risks

Risk	Description
1.	As per Appendix A

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.	N/A

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Ruan Beneke	EDWL: Kusile 60Y ADF Project
Tumiso Railo	PEM: Kusile Project
Ayodele Jimoh	LDE: Civil & Structural Engineering
Yuvir Gokul	Kusile Project EDWL
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5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2022	1.0	R. Beneke	Final document for authorisation

6. DEVELOPMENT TEAM

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

- Ruan Beneke

7. ACKNOWLEDGEMENTS

N/A

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APPENDIX A: KUSILE 60 YEAR DUMP EARLY WORKS CONSTRUCTION SCORECARD

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