

Title: Kusile Power Station Tender
Technical Evaluation Strategy for
surface groundwater and aquatic
monitoring

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1. INTRODUCTION

An invite will be issued calling for interested parties to participate in the tender process for surface, groundwater and aquatic monitoring at Kusile Power Station for a period of 5 years. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this pre-qualification invite.

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the TET, their responsibilities and the criteria used to evaluate the tender returnables.

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 Environmental Department.

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] 32-1033: Eskom Procurement and Supply Chain Policy
- [3] 32-1034: Eskom Procurement and Supply Management Procedure.

2.2.2 Informative

- [4] 240-129306525: Kusile Power Station - Surface, groundwater and aquatic monitoring

2.3 DEFINITIONS

2.3.1 Classification

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

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2.4 ABBREVIATIONS

| Abbreviation | Description |
|--------------|-------------------------------|
| TES | Technical Evaluation Strategy |
| TET | Technical Evaluation Team |

2.5 ROLES AND RESPONSIBILITIES

| | |
|--|---|
| Compiler | The document compiler is responsible for ensuring that this document is up- to-date and that this document is not a duplication of an existing documentation, regarding the document's objectives and content. |
| Functional Responsibility (Senior Advisor Environmental) | The Functional Responsible Person shall determine if the document is fit for purpose before the document is submitted for authorization. |
| Authorizer (Environmental Management Manager) | The document authorizer is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives, and requirements. He/she shall authorize the release and application of the document. |

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be governed by the 240-48929482 Tender Technical Evaluation Procedure, this entails assuring that the design achieves the requirements set out in this document.

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

To be eligible for evaluation, the tenderer shall meet all the mandatory requirements. The scoring for each tenderer will be done as per the scoring table shown below. The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

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The evaluation scores will be weighted as according to the following disciplines:

| Criteria | Reference technical specification | Criteria weighing | Scoring Criteria |
|--|--|-------------------|---|
| Minimum of 3 years' experience on similar work done (Note: Letters from previous or current clients or contracts with previous or current clients will be required as a proof and contactable references). | Letters from previous clients or contracts with previous or current clients will be required as proof and contactable references | 40% | 3 years of continuous monitoring or more completed projects of similar nature – 40% 1 - 2 years of continuous monitoring – 0% |
| Proof of relevant experience (CVs and Qualifications) of key personnel to be used, with up-to-date references and proof of registration as a professionals | CV, Qualifications and registration certificates | 30% | Project Manager +- 5 years experience and proof of SACNASP as professional Geohydrologist – 10% Specialist x 2 +-3 years' experience (e.g. Geologist/Environmentalist and Wetland specialist) - 10% Junior National diploma and 1-2 years' field work experience and matric - 5% Assistant Matric and 1-2 years' field work experience and matric - 5% |
| Organogram indicating the team for the required service (including their responsibilities) | Organogram | 5% | Organogram indicating the Project Manager, Specialists and Junior. |
| Laboratory Accreditation certificate. | Lab certificate - valid | 10% | Submitted valid accreditation certificate – 10% |
| Surface and groundwater and aquatic monitoring protocol | Sampling methodologies | 15% | Submitted monitoring protocol (verify if the sampling methodology will fulfil the requirements of the WUL) |

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| | |
|--|-------------|
| Total | 100% |
| Overall minimum threshold for qualification | 70% |

3.2 TET MEMBERS

Table 1: TET Members

| TET number | TET Member Name | Designation |
|-------------------|------------------------|----------------------------------|
| TET 1 | | Environmental Management officer |
| TET 2 | | Snr Advisor Environmental |
| TET 3 | | Snr Advisor Environmental |

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 1: Mandatory Technical Evaluation Criteria

| | Mandatory Technical Criteria Description | Reference to Technical Specification / Tender Returnable | Motivation for use of Criteria |
|----|--|--|---|
| 1. | Minimum of 3 years' experience on similar work done (Note: Letters from previous or current clients or contracts with previous or current clients will be requires as a proof and contactable references). | Letters from previous clients or contracts with previous or current clients will be required as proof and contactable references | Confirmation of required experience in water and aquatic monitoring |
| 2. | CVs, Qualifications and Proof of relevant experience of key personnel to be used, with up-to-date references and proof of registration as a professionals | CV, Qualifications, and registration certificates | Confirmation of required resources and skills in surface, groundwater, and aquatic monitoring |

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

| No | Qualitative technical Evaluation Description | Tender returnable |
|-----------|--|--|
| 1 | Organogram indicating the team for the required service (including their responsibilities) | Organogram |
| 2 | Laboratory Accreditation certificate. | Lab certificate – valid and authorised to conduct water analysis |
| 3 | Surface and groundwater and aquatic monitoring protocol | Sampling methodologies |

3.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

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| Mandatory 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 | 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 | X | X | X | | | | | |

3.5.1 Risks

Table 4: Acceptable Technical Risks

| Risk | Description |
|------|-------------|
| 1. | N/A |
| 2. | |
| 3. | |

Table 5: Unacceptable Technical Risks

| Risk | Description |
|------|--|
| 1. | Exclusion of professional registration certificates of key personnel allocated to perform specified works. |
| 2. | Exclusion of project specific competence requirements of personnel. |
| 3. | Exclusion of proof/record of completed projects of similar scope with traceable references. |

3.5.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

| Risk | Description |
|------|---------------|
| 1. | No exceptions |
| 1. | |
| 2. | |

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Table 7: Unacceptable Technical Exceptions / Conditions

| Risk | Description |
|-------------|---|
| 1. | Exclusion of proof/record of completed projects of similar scope with traceable references. |
| 2. | |

4. AUTHORISATION

This document has been seen and accepted by:

| Name | Designation |
|-------------|----------------------------------|
| | Environmental Management Manager |
| | Snr Advisor Environmental |
| | Snr Advisor Environmental |
| | Environmental Management Officer |
| | Environmental Management Officer |
| | Environmental Management Officer |
| | Geologist |

5. REVISIONS

| Date | Rev. | Compiler | Remarks |
|-------------|-------------|-----------------|--|
| July 2025 | 1 | C Malebana | Technical Strategy for surface, groundwater monitoring |

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

None

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