



Strategy

Engineering

Title: **Kriel Power Station, Fabricate, Supply and Delivery of Ash Plant Pipework on an As and When Required Basis for a Period of 5 Technical Evaluation Strategy**

Unique Identifier: **240-165878538**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**

Documentation Type: **Strategy**

Revision: **2**

Total Pages: **6**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by

System Engineer
Kriel Power Station

Date: **02/09/2026**

Functional Responsibility

(Acting) Auxiliary Plant Engineering Manager
Kriel Power Station

Date: **02/09/2026**

Authorised by

(Acting) Group Engineering Manager
Kriel Power Station

Date: **2026/09/02**

CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	3
2.2.1 Normative	3
2.2.2 Informative	4
2.2.3 Classification	4
2.3 ABBREVIATIONS	4
2.4 ROLES AND RESPONSIBILITIES	4
2.5 PROCESS FOR MONITORING	4
2.6 RELATED/SUPPORTING DOCUMENTS	4
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	5
3.3 MANADATORY TECHNICAL EVALUATION CRITERIA	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA SCORING MATRIX	7
3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA	8
3.6 TET MEMBER RESPONSIBILITIES	12
3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	13
3.7.1 Risks	13
3.7.2 Exceptions / Conditions	14
4. AUTHORISATION	16
5. REVISIONS	16
6. DEVELOPMENT TEAM	16
7. ACKNOWLEDGEMENTS	16

TABLES

Table 1: TET Members	5
Table 2: Mandatory Technical Evaluation Criteria	6
Table 3: Qualitative Technical Evaluation Criteria Scoring Matrix	7
Table 4: Qualitative Technical Evaluation Criteria	8
Table 5: TET Member Responsibilities	12
Table 6: Acceptable Technical Risks	13
Table 7: Unacceptable Technical Risks	13
Table 8: Acceptable Technical Exceptions / Conditions	14
Table 9: Unacceptable Technical Exceptions / Conditions	14

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

1. INTRODUCTION

The proposed scope of work is for the supply and delivery of ash plant pipework on an As and when required basis for a period of 5 years to Kriel Power Station Main Stores.

Brief Plant Overview

The function of the coarse ash plant is to collect all the ash at bottom of the ash hoppers (including rejects from the mill rejects bins) and pump it to the ash dams for disposal and water recovery. The coarse ash plant consists of the following mechanical equipment:

- 2 hopper cooling pumps.
- 2 sluice pumps.
- 2 ash crushers.
- 1 ash sump (bilge) pump.
- 2 ash pumps
- Ash lines

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the maintenance requirements in the form of a scope of work for supply of various Ash plant pipework with its associated components installed on Kriel ash plants.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and Technical Evaluation Team (TET) member responsibilities for tender evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document is applicable to Kriel Power Station material handling Ash plant maintenance and engineering sections.

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] 32-1034: Eskom Procurement Policy

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

2.2.2 Informative

- [3] 240-165878536 Kriel Power Station Supply and Delivery of Ash Plant Pipework on an As and When Required Basis for a Period of 5 Years Scope of Work

2.2.3 Classification

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

2.3 ABBREVIATIONS

Abbreviation	Description
C&I	Control and Instrumentation
CoE	Centre of Excellence
CV	Curriculum Vitae
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
LDE	Lead Discipline Engineer
LPS	Low Pressure Services
Pr. Eng.	Professional Engineer
Pr. Tech.	Professional Engineering Technologist
TET	Technical Evaluation Team
WTP	Water Treatment Plant
LPS	Low Pressure Services

2.4 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.5 PROCESS FOR MONITORING

Not applicable.

2.6 RELATED/SUPPORTING DOCUMENTS

Not applicable.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	[REDACTED]	System Engineer : Auxiliary Plant Engineering
TET 2	[REDACTED]	Senior Adviser: Maintenance BOP
TET 3	[REDACTED]	Senior Engineer : Auxiliary Plant Engineer
TET 4		

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification /Tender Returnable	Motivation for use of Criteria
1.	Tenderer to provide a valid, certified Welding Quality Management ISO 3834-2 Certification	Valid, certified copy of ISO 3834-2 Certificate	Requirement as per 240-106628253 Eskom Welding Standard and critical for execution of the works

All TET members shall independently evaluate and score each mandatory evaluation criteria for each tenderer in accordance with table 2.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA SCORING MATRIX

The qualitative criteria will be scored according to the scoring matrix set out in the Tender Engineering Evaluation Procedure [1].

Table 3 shows the scoring matrix that will be used.

Table 3: Qualitative Technical Evaluation Criteria Scoring Matrix

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.		

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

		Qualitative Technical Criteria Description							
1.	TECHNICAL INFORMATION		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)		Evaluation Scoring Breakdown		
						0	2	4	5
	1.1	The tenderer to submit 3 Proof of previous successfully executed supply and delivery of carbon steel pipes orders within the past years to date : Submits proof of order and proof of delivery accepted and stamped by the Client		NEC document Part 3: Scope of Work, Section 3	35	100	Nothing provided or orders are not stamped by the client	Submitted 1(one) - 2(two) proof of order and delivery stamped by the Client	Submitted 3 (three) to 4 (Four) of order and delivery stamped by the Client

Kriel Power Station, Fabricate, Supply and Delivery of Ash Plant Pipework on an As and When Required Basis for a Period of 5 Technical Evaluation Strategy

Unique Identifier: **240-165878538**
Revision: **2**
Page: **9 of 16**

	1.2	Submit Complete and fully Signed off databooks for Previous Orders , this should link to the orders provided in section 1.1 above of this technical evaluation strategy , Each order stated in section 1.1 should have an accompanying complete databook comprising of the following as minimum returnables but not limited to: 1. QCP / ITP 2. WPS and PQR 3. Material certificates 4. Welding Procedure Specification accompanied by a valid WPQR/PQR 5. NDT Reports 6. Surface preparation and coating reports 7. Certificate of conformity <i>Failure to submit the databook as part of the submission in Section 1.1. as per the prescribed minimum returnables in (Section 1.2, refer to items 1 to 7) will disqualify the submission for this section, it will be considered not submitted and only the valid (signed) databooks will be considered. Unrelated databooks not correlating to the submission in Section 1.1 will not be considered.</i>	NEC document Part 3: Scope of Work, Section 3	30	100	Nothing provided	Submitted 1(one) - 2(two) proof of fully Signed of Databooks for previous orders	Submitted 3 (three) to 4 (Four) proof of fully signed Databooks for previous orders	Submitted 5 (Five) or more proof of fully signed Databooks for previous orders
2.	Human Resource Capability Assessment		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)		Evaluation Scoring Breakdown		
						0	2	4	5
	2.1	Three coded welders' qualifications with a valid trade test certificate, meeting the following minimum requirements : 1. Coded Welder	NEC document Part 3: Scope of	20	100	No submission or no trade tests or	One (1) coded welder with valid qualification	Two (2) coded welder with valid qualification and trade	Three (3) coded welders with valid

Kriel Power Station, Fabricate, Supply and Delivery of Ash Plant Pipework on an As and When Required Basis for a Period of 5 Technical Evaluation Strategy

Unique Identifier: **240-165878538**

Revision: **2**

Page: **10 of 16**

		2. Valid certified Trade test certificate 3. Valid certified Welding qualification certificate 4. All qualifications must be certified <i>Failure to submit any one of the minimum returnables in Section 2.1 (1 to 4) will disqualify the submission for this section, it will be considered not submitted.</i>	Work, Section 3			invalid documents	and trade test certificates	test certificates	qualification and trade test certificate
3.	Assurance Requirements		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Evaluation Scoring Breakdown			
						0	2	4	5
	3.1	The guarantee and warranty of the supplied fabricated pipework		15	100	No submission of warranty and guarantee Or No warranty and guarantee letter is not signed	Tender Provides a warranty letter OR guarantee letter in a Company letter head and signed, specifying less than 12 Months	Tender Provides a warranty letter AND Guarantee letter in a Company letter head and signed, specifying a minimum of 18 Months or more (<24)	Tender Provides a warranty letter AND Guarantee letter in a Company letter head and signed, specifying a minimum of 24 Months

Unique Identifier: **240-165878538**
Revision: **2**
Page: **11 of 16**

Revision: **2**

Page: 11 of 16

		TOTAL = 100%							

3.6 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3
1	x	x	x
2	x	x	x
3	x	x	x

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	In Section 1.1, as proof of order the following will be acceptable: • A signed copy of contract or agreement and must have following details; ○ Client name, ○ Description of goods, ○ Order date, ○ Order value or quantity, ○ And your company name. • A signed and stamped by the client copy of delivery note, dispatch and receipt documents, and must have the following; ○ Client stamp, ○ Signature of receiving official, ○ Delivery date, And reference to the supplied carbon steel pipes.
2.	
3.	

Table 7: Unacceptable Technical Risks

Risk	Description
-------------	--------------------

1.	Tenderer to provide a valid, certified Welding Quality Management ISO 3834-2 Certification ISO 3834 Part 1, 3 and 4 will not be considered for evaluation.
2.	Inadequate capacity and experience to deliver to products to specification , where previous experience shows less than 3 - 5 previously executed and delivered orders.
3.	Inadequate fabrication process inline with : 1. QCP / ITP 2. WPS and PQR 3. Material certificates 4. Welding Procedure Specification accompanied by a valid WPQR/PQR 5. NDT Reports 6. Surface preparation and coating reports 7. Certificate of conformity
4.	In Section 1.1. Unsigned or unstamped documents as outlined in Section 3.7.1 Table 6 will not be accepted.
5.	In Section 1.1. Invoices, payment confirmation or remittance advice in isolation without supporting documents from Section 3.7.1 Table 6 returnables or Section 1.1.

3.7.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
████████████████████	System Engineer - Auxiliary Plant Engineering Manager
████████████████████	Auxiliary Plant Engineering Manager
████████████████████	Senior Advisor – Materials Handling Maintenance
████████████████████	Senior Engineer - Auxiliary Plant Engineering Manager
████████████████████	BMH : Maintenance Manager
████████████████████	(Acting) Senior Procurement Manager
████████████████████	Group Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2026	1	████████████████████	First draft
August 2026	2	████████████████████	Reviewed on section 1 and 2 of qualitative criteria based on request of Procurement Management Team to reduce previous experience

6. DEVELOPMENT TEAM

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

- ████████████████████
- ████████████████████
- ████████████████████

7. ACKNOWLEDGEMENTS

Not applicable.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.