	Tender Technical Assessment	Engineering
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Title: The supply and delivery of plumbing spares to Kriel Power Station on an "as and when" required basis for a period of three years

Unique Identifier

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Area of Applicability **Civil Maintenance**

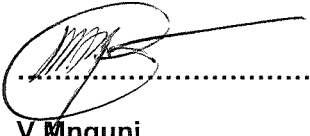
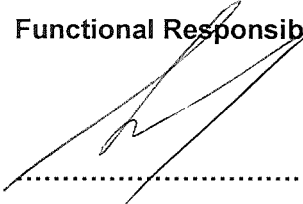
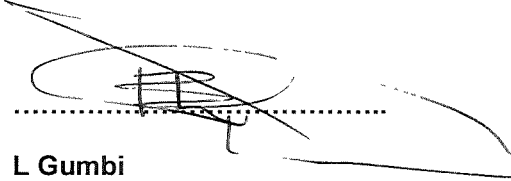
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Approved by	Functional Responsibility	Authorised by
		
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1. INTRODUCTION

The proposed scope of work is for supply and delivery of plumbing spares to Kriel Power Station on an "as and when" required basis for a period of three years. The following requirements must be met:

- SANS 791 Unplasticized poly (vinyl chloride) (PVC-U) sewer and drainpipes and pipe fittings
- SANS 1732 Grey water Reuse Systems - General Requirements
- SANS 3088 Water Efficiency in buildings
- SANS 10254 The installation, maintenance, replacement and repair of fixed electric storage water heating systems, which regulates water heater installations
- SANS 10252 Water Supply and Drainage for Buildings – Part 1 Water Supply Installations for Buildings. This standard also refers to other relevant standards that products and materials should comply to
- SANS 10254 The Installation, Maintenance, Replacement and Repair of Fixed Electric Storage Water Heating Systems. This standard regulates geysers and associated plumbing components
- SABS 0400 Code of Practice for the Application of the National Building Regulations. The National Building Regulations set requirements for the technical performance for all buildings constructed to ensure the health and safety of occupants. It specifies what persons may do plumbing work but does not specify much regarding water supply plumbing components

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of the document defines the technical criteria that will be used to evaluate tenderers for the supply of plumbing spares.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Evaluation Criteria, TET member responsibilities and identify acceptable/unacceptable risks for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This strategy document shall apply to Civil maintenance plumbing spares supply at Kriel Power Station Eskom Holdings SOC Ltd.

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] ISO 9001 2015 Quality Management System

2.2.2 Informative

- [3] None

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2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
KPS	Kriel Power station
OHS	Occupational Health and Safety
SABS	South African Bureau of Standards
SANS	South African National Standards

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482 Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

A maintenance program typically consists of four stages

- Stage 1 – Inspection, testing and preventative maintenance activities Schedules are used to ensure that key activities are performed at regular intervals When an activity has been completed, the result is recorded, followed by whether the action resulted in a pass or fail
- Stage 2 – Record keeping Records are required to be kept for each functional activity and should include specific results (as appropriate), and the outcome of the activity through the use of 'pass/fail' or 'yes/no' criteria
- Stage 3 – Reporting and rectification Where failures have been identified, they should be reported to the relevant Eskom personnel and a defect generated (usually in SAP or FLIP) for the rectification works
- Stage 4 – Updating of records on SAP PM System only Following rectification of identified failures, functional testing should be undertaken to confirm that the system is operating as intended

The Schedules in this standard are used to document Stages 1, 2 and 4

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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

Table1: TET Members

TET number	TET Member Name	Designation
TET 1	Mapula Sethosa	Advisor Technical Support BOP
TET 2	Vela Mnguni	Supervisor Civil Maintenance
TET 3	Enipha Modise	Technician Civil
TET 3	Nkululeko Nsele	Technician Civil

3.3 TENDER RETURNABLES

See technical evaluations table 2 below

3.4 SITE TECHNICAL EVALUATION CLARIFICATION

3.4.1 Not compulsory, however interested suppliers may arrange a site visit with an appointment prior.

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3.5 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

Technical Evaluation				
	Qualitative Technical Criteria Description	Total Weight (100%)	Tenders will be expected to score at least the minimum 70% threshold per functional area to proceed to the next phase	Motivation for use of Criteria
1.	<p>Submit commitment signed binding letter that</p> <p>Only products with SANS stamp certifying to be compliant with SANS standard prescribed under this contract will be supplied</p> <p><i>NB Letter of intent (Only signed commitment will be considered)</i></p>	40%	28%	Determine the quality level of goods supplied
2.	<p>The tenderer to submit a written commitment that indicates the possible partners where he/she will purchase the material that will be supplied to Kriel Power Station</p> <p><i>NB Letter of intent (Only signed commitment will be considered)</i></p>	30%	21%	To confirm if supplier will be purchasing from companies that are SABS mark holders.
3.	<p>Committed Delivery dates</p> <p>(list and group spares with according to delivery timelines)</p> <p>Delivery date 4 weeks or less Complaint</p> <p>Delivery date >4 weeks Non Complaint</p> <p><i>NB Kriel Power Station reserves the right to cancel the order if delivery dates committed to are not adhered to or met during contract duration</i></p>	30%	21%	To monitor committed delivery timelines and avoid backlog

3.6 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 3
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1	Plumbing specification that does not complies with SABS standards requirements, but spare material is accompanied by manufacturers certificate and warranty
2.	A detailed list of material Certificates and handling process

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation
Sibusiso Ngwenya	Line Manager
Lungile Gumbi	Maintenance Group Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2022	1	V Mnguni	New document for evaluation

6. DEVELOPMENT TEAM

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

- MM Sethosa
- E Modise
- N Nsele

7. ACKNOWLEDGEMENTS

Plumbing team for their tips and suggestions

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