Eskom	Strategy	Engineering

Title:	**Medupi Power Station Scope of work – Burner Fuel oil,LPG Gas,Atomized steam and purging quick close(QC) steam valves ,shut off and control valves for the burner system**	Unique Identifier:	**240-**
		Alternative Reference Number:	
		Area of Applicability:	**Medupi Power Station**
		Documentation Type:	**Strategy**
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		Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
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Date: 2025/07/01	Date:	Date: 1/7/2025

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TABLES

1. INTRODUCTION

The reliability and availability of the Boiler Plant, Burner system, in general, is a concern for Medupi Power station due to unplanned downtime, and it has contributed too many production risks on the Units. Initiatives to improve the reliability and availability of the Boiler Plant, burner system amongst others includes, placing spares supply and refurbishment contracts for continuous improvement of the plant. The Quick shut off valves form part of the combustion safety equipment therefore such spares should be available at all material times to minimise plant downtime as well as non-compliance to FFFR. Other than the QC valves the shut off and control valves plays a vital role during pressure and flow control of the burner.This document will describe the scope of work required for this contract which includes spares supply and refurbishment.

2. SUPPORTING CLAUSES

2.1 SCOPE

The document describes the acceptable and unacceptable risks and qualifications and /or conditions.

The Tender Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation criteria
- Qualitative Evaluation criteria
- TET Member Responsibilities
- Acceptable/Unacceptable Qualifications

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 Regulators in accordance with the authorised procurement strategy.

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] <241-202228: Medupi Power Station Scope of Work for the supply of Regulators: add scope of work>

2.2.2 Informative

[3] NEC 3 Supply Contract

2.3 DEFINITIONS

2.3.1 Classification

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

2.3.2 **Mandatory Evaluation criteria:** (gatekeepers) are 'must meet' criteria.

2.3.3 Qualitative Evaluation criteria: are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met.

2.4 ABBREVIATIONS

Abbreviation	Description
NEC	New Engineering Contract
TET	Technical Evaluation Team
QC	Quick close
QCP	Quality control plan

2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL 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 80%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Chrisprior Madonsela	Senior Engineer
TET 3	Lindelani Mphohoni	Snr Technician Maintenance
TET 4	Itumeleng Maja	Snr Supervisor Tech Maintenance

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.	Technical Datasheet on all the lines	2.3 on the Technical Requirements	The spares that form part of this contract are combustion safety equipment's therefore it of outmost importance that the supplier provides correct Datasheets against each, and every line or SAP no. Installation of incorrect spares may lead to a violation of FFFR. Provision of each SAP no datasheet is a sign that the supplier has knowledge on all the components to avoid cancellation of line items due to under quoting which is a contract violation.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

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.
Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting	Criteria Sub Weighting
				(%)	**(%)**
1.	**Supply experience and capabilities**			**50%**	
	1.1	**Acknowledgement from the OEM or relevant manufacturer for Quick close Valves**	**Authorised Letter or Certificate from OEM or relevant manufacturer for quick close valves**		**10%**
				Authorised Letter or relevant documentation	100% = 10
				No Authorised Letter or relevant documentation	0% = 0
	1.2	**ISO 3834 Certification**	**Valid ISO 3834 Certification**		**10%**
				Valid ISO 3834 Certification	100%=10
				No Valid ISO 3834 Certification	0%=0
	1.3	**Proof of workshop ownership/occupation**	**Provide proof of workshop inline with the scope and method statement. The workshop should have capabilities to perform refurbishment in line with the provided scope and method statement provided by the supplier**		**20%**
				Lease agreement /ownership	100%=20
				No valid proof	0=0%
	1.4	**Proof of experience of Valve refurbishment**	**Relevant documentation for proving experience only signed QCP's and Purchase order.**		**10%**
				More than 4 references	100% = 10
				Less than 3 references	80% = 8
				Less than 2 less more than 1	40% = 4
				0	0% = 0
2	**Technical requirements**			**50%**	
	2.1		**Provide QCP with relevant intervention points**		**15%**

		QCP for Valve Refurbishment		QCP with relevant Information	100%=15
				No QCP/Irrelevant info	0%=0
	2.2	**Method statement for the maintenance of the quick close, shut off and control valves**	**Provide method statement with relevant information**		**10%**
				Method statement with relevant information	100%=10
				No Method statement or method statement with irrelevant information	0%=0
	2.3	**Datasheet**	**Provide datasheet and technical specification of the spares**		**10%**
				Data sheets with relevant and correct documentation for all Spares	100% = 10
				No Data sheets with relevant documentation for all or partial Spares	0% = 0
	2.4	**Supplier delivery**	**Delivery Schedule/Lead time for spares**		**5%**
				Less than 32 weeks	100% = 5
				More than 2 weeks	0% = 0
	2.5	**Technical personnel, knowledgeable about the scope of work.**	**Curriculum vitae of a registered person with ECSA as PrEng or PrTech Eng with more than 3 years of Experience,**		**10%**
				CV, Relevant qualification (ECSA) and more than 3-year experience	100% = 10
				CV with irreverent qualification and or experience with less than 3 years	0% = 0
				TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1				
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	**N/A**

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Technical specification that does not meet the scope of work(mandatory

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Declining to provide technical details accurately deemed intellectual proprietary
2.	In case of an obsolete specification, the supplier may provide proof from the manufacturer about obsolescence and new data sheets for the new specification will be acceptable.

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation without technical qualification not accepted.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Lindelani Mphohoni	Snr Technician Maintenance
Phuti Mashita	Snr Supervisor Tech Maintenance
Chrisprior Madonsela	Snr Engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2022	0	Chrisprior Madonsela	Technical evaluation for supply of spares

6. DEVELOPMENT TEAM

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

Chrisprior Madonsela

7. ACKNOWLEDGEMENTS

Chrisprior Madonsela