Eskom	Strategy	Engineering

Title	**Tender Technical Evaluation Strategy for Pulverized Fuel Burner Spares Contract**	Unique Identifier	**MAP-MEB-M010**
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Compiled by	Functional Responsibility	Authorised by
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CONTENTS

TABLES

1. INTRODUCTION

The purpose of the document is to describe the technical evaluation criteria for the procurement of pulverized fuel burner spares at Matla Power Station for scope of work execution

The pulverized fuel burners consist of eight (8) burners inclusive of eight (8) secondary air registers located within a separate windbox relevant to each individual mill The burners and windboxes which are identical are located at the front and rear of the boiler, three rows (3) at the front of the boiler and three (3) rows at the rear of the boiler In total there are forty-eight (48) pulverized fuel burners, and forty-eight (48) secondary air registers located within six (6) separate windboxes

2. SUPPORTING CLAUSES

2.1 SCOPE

This document details the strategy that will be used to perform the technical evaluation of all tenders submitted at Matla Power Station for pulverized fuel burner spares The technical evaluation requirements consist of the following criteria

- Mandatory evaluation criteria
- Qualitative evaluation criteria

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 a basis for the tender technical evaluation process

2.1.2 Applicability

This document is applicable to the pulverized fuel burners at Matla Power Station

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] 240-168966153 Generation Tender Technical Evaluation Procedure

[2] 32-1034 Eskom Procurement and Supply Chain Management Procedure

[3] MEB-055573 Supply of PF burner spares to Matla Power Station for 5 years

2.2.2 Informative

Not applicable

2.3 DEFINITIONS

None

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
ISO	International organization for standardization
MT	Magnetic particle testing
NQF	National qualifications framework
PF	Pulverized fuel
QCP	Quality control plan
TET	Technical evaluation team
UT	Ultrasonic testing

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153 Generation Tender Technical Evaluation Procedure for Generation

2.6 PROCESS FOR MONITORING

This procedure shall be monitored by 240-53114190 Internal Audit Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

[1] 240-53716746 Tender Technical Evaluation Report Template
[2] 240-53716712 Tender Technical Evaluation Results Form Template
[3] 240-53716726 Tender Technical Evaluation Scoring Form Template
[4] 240-53716769 Tender Technical Evaluation Strategy Template
[5] 240-106871290 Technical Evaluation Team Member Appointment Letter Template

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

The technical evaluating members (TET) are appointed by the authorized manager

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification/Tender Returnable	Motivation for use of Criteria
3 3 1	Quality Standard	The supplier shall submit a valid relevant ISO 9001 certificate	The supplier must have a quality management system in place to ensure the material is manufactured following sound quality principles
3 3 2	Manufacturing Capability	Proof of ownership of an industrial workshop facility with a 10-ton crane or at least 3 years evidence of leasing agreements for an industrial workshop facility with a 10-ton crane If submitting a lease agreement, show verifiable manufactured PF burner spares for at least 3 years **Note.** Eskom reserves the right to be given access to workshop facilities	The supplier must demonstrate sufficient capability for manufacturing of PF burner spares

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Technical Evaluation Scoring Table

Score	(%)	Definition
		COMPLIANT
5	100	• Meet technical requirement(s) AND • No foreseen technical risk(s) in meeting technical requirements
		COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with
4	80	• Acceptable technical risk(s) AND/OR • Acceptable exceptions AND/OR • Acceptable conditions
		NON-COMPLIANT
2	40	• 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 4: Qualitative Technical Evaluation Criteria

Qualitative Technical Criteria Description		Tender Returnable	Criteria Weighting (%)	Scale			
				0	2	4	5
3 4 1	Previous history of supply	Provide a list of previous purchase orders of industrial boiler components supplied to Eskom power stations or other non-Eskom industrial boilers These components include only the following - HP piping, boiler seamless tubing - Pulverized fuel burner components The company shall provide the following - A reference list of previous supply of industrial boiler components with contact details of the end users - Address of end users - Date of delivery to end users	15	No submission or less (<) than 5 purchase orders submitted of industrial boiler components	5 to 10 purchase orders submitted of industrial boiler components	More (>) than 10 to15 purchase orders submitted of industrial boiler components	More (>) than 15 purchase orders submitted of industrial boiler components
			15	No submission or less (<) than R1000 000 worth of purchase orders submitted of industrial boiler components	R1000 000 to R5000 000 worth of purchase orders submitted of industrial boiler components	More (>) than R5000 000 to R10 000 000 worth of purchase orders submitted of industrial boiler components	More (>) than R10 000 000 worth of purchase orders submitted of industrial boiler components
3 4 2	Method statement	Method statement shall cover the following activities 1 Planning for the manufacturing of industrial boiler components The plan should include a	30	No method statement submitted Or Method statement	Method statement score is less than or equal to 10 but	Method statement score is less than or equal to 20 but	Method statement score is greater than 20 points

		Gantt chart and organogram of the company illustrating all roles of the relevant personnel with contact details [5 Points] 2 Material procurement inspection and validation for manufacturing of industrial boiler components EN 10204 3 1 material certificates should be included [5 Points] 3 Manufacturing of industrial boiler components The equipment used and process should be concisely described [5 Points] 4 Final inspection of manufactured industrial boiler components [5 Points] 5 Storage and transportation plans for the manufactured industrial burner components The type and quantity of vehicles used should be included [5 Points]		score is less than 6 points	greater than 5 points	greater than 10 points	

3 4 3	Quality Control Plan	The company shall provide a QCP for the manufacturing of industrial boiler components that covers the following 1 Preapproval of QCP 2 Documentation Material certificates, welding documentation as a minimum 3 Manufacturing of industrial boiler components 4 Final inspection of manufactured industrial boiler components 5 Final approval of QCP	20	No QCP of manufactured industrial boiler components submitted	QCP of manufactured industrial boiler components submitted covering 3 out of the 5 points	QCP of manufactured industrial boiler components submitted covering all 5 points but not signed off by the relevant stakeholders	QCP of manufactured industrial boiler components submitted covering all 5 points and is signed off by the relevant stakeholders
3 4 4	Manufacturing Capability	Inspection of manufacturing plant for the following 1 Size of manufacturing plant (Floor plan) 2 In house non-destructive testing equipment (Hardness, MT, UT as a minimum) 3 Compliance to safety, health, environmental and quality standards	20	Manufacturing facility less than 500 m^2 or no in house NDTs or non-compliance to safety, health, environmental and quality standards	Manufacturing facility less than 1000 m^2 but greater than 500 m^2 and in house NDT equipment and compliance to safety, health, environmental and quality standards	Manufacturing facility less than 2000 m^2 but greater than 1000 m^2 and in house NDT equipment and compliance to safety, health, environmental and quality standards	Manufacturing facility greater than 2000 m^2 and in house NDT equipment and compliance to safety, health, environmental and quality standards
			TOTAL: 100				

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Foreseen Acceptable Qualifications

Table 6: Acceptable Technical Risks/ Exceptions / Conditions

Risk	Description
1	Not applicable
2	

3.6.2 Foreseen Unacceptable Qualifications

Table 7: Unacceptable Technical Risks/ Exceptions / Conditions

Risk	Description
1	Deviation from minimum code requirements
2	
3	

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation	Signature
Lindokuhle Ngobese	Engineering Manager	
John Makuleka	Boiler Engineering Manager	

5 REVISIONS

Date	Rev	Compiler	Remarks
June 2025	0	T Padayachee	New document

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

Theo Padayachee

7. ACKNOWLEDGEMENTS

None