Eskom	Strategy	Engineering

Title: **SUPPLY, DELIVER AND REFURBISH PULVERISED FUEL (PF) BURNERS SPARES**

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1. INTRODUCTION

The Tender Technical Evaluation Strategy has defined the mandatory and qualitative evaluation criteria which serve as a basis for the technical evaluation process. This document covers the different aspects that will be evaluated by the technical evaluation team (TET) to complete the technical evaluation with regards to the supply, delivery, and refurbishment of pulverised fuel (pf) burners spares at Camden Power Station.

The scope includes but not limited to the following:

- The *Contractor* shall provide a qualified and competent team with all the necessary equipment to manufacture and refurbish the PF Burner spares.
- The *Contractor* must possess all the necessary equipment to manufacture and refurbish all the PF Burner spares.

1.1 SCOPE

This document covers the different aspects that will be evaluated and scored by the Technical Evaluation Team (TET) to complete the technical evaluation with regards to the **supply, delivery, and refurbishment of pulverised fuel (pf) burners spares** at Camden Power Station. The TET members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions. Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

1.1.1 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 technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

1.1.2 Applicability

This document is applicable all interested parties with regards to the ceramic tiling of the conveyor belt **supply, delivery, and refurbishment of pulverised fuel (pf) burners spares** at Camden Power Station.

1.1.3 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

1.1.4 Normative

[1] 240-168966153: Generation Technical Tender Evaluation Procedure

[2] 32-1034: Eskom Procurement Policy

1.1.5 Informative

N/A

1.2 DEFINITIONS

1.2.1 Classification

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

1.3 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
TET	Technical Evaluation Team

1.4 ROLES AND RESPONSIBILITIES

As per 240-168966153 Generation Technical Tender Evaluation Procedure

1.5 PROCESS FOR MONITORING

N/A

1.6 RELATED/SUPPORTING DOCUMENTS

N/A

2. TENDER TECHNCIAL EVALAUTION STRATEGY

2.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

Table 1: Qualitative Evaluation Criteria Scoring Table

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.		

2.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation	Signature
TET 1	Velaphi Vilakazi	Boiler System Engineer	
TET 2	Malusi Ngcobo	Maintenance Senior Advisor	
TET 3	Nkosinathi Khumalo	Senior Technician – Maintenance	
TET 4			

2.3 MANDATORY TECHNICAL EVALUATION CRITERIA

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	CIDB ME Grade 8 or Higher	Submit proof of grade for the tendering company.	To Align with National Treasury requirements
2.	The contractor must have experience in manufacturing high grade steel component for a fossil fuel industry (Power generation).	Submit Recommendation letter for previous steel component manufacturing order. The letter must show: • Description of the work performed (pictures will be added advantage). • Signed Completion Certificate with: ➢ Name of company where project was executed ➢ Project Description ➢ Contact person **NB**. Reference list must be verifiable	This will demonstrate that the service provider has done similar work previously.
3.	ISO 3834-2: Quality requirements for fusion welding of metallic materials — Part 2: Comprehensive quality requirements	Submission of ISO 3834-2 certification for the tendering company	Alignment to Eskom's welding requirements

2.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

QUALITATIVE TECHNICAL CRITERIA DESCRIPTION	REFERENCE TO TECHNICAL SPECIFICATION / TENDER RETURNABLE	CRITERIA WEIGHTING (%)	CRITERIA SUB WEIGHTING (%)	SCORE SCALE			
				FLOOR	**KICK IN**	**AVERAGE**	**CEILING**
CRITERIA 1: TECHNICAL		**35**		**0=0%**	**2=40%**	**4=80%**	**5=100%**
1.1 Technical experience in manufacturing steel components.	1.1.1 Please provide two (2) references or pieces of evidence demonstrating previous experience in manufacturing steel components. The reference list must consist of the following information: • Description of the work performed • Signed Completion Certificate with: ➢ Name of company where project was executed ➢ Project Description ➢ Contact person **NB**. Reference list must be verifiable		60	Totally Deficient or Non-responsive	One completion certificate submitted	Two (2) Certificates	Three different completion certificates submitted
1.2. Method Statement	1.2.1 Detailed method statement on manufacturing steel components. • Submit method statement for one previous work manufacturing high grade steel components.		40	Totally Deficient or Non-responsive	Method Statement submitted but not sufficiently detailed	Meet technical requirement(s) with Acceptable technical risk(s).	Fully compliant

QUALITATIVE TECHNICAL CRITERIA DESCRIPTION	REFERENCE TO TECHNICAL SPECIFICATION / TENDER RETURNABLE	CRITERIA WEIGHTING (%)	CRITERIA SUB WEIGHTING (%)	SCORE SCALE			
				FLOOR	**KICK IN**	**AVERAGE**	**CEILING**
CRITERIA 2: Procedure & Method Statement		**30**		**0=0%**	**2=40%**	**4=80%**	**5=100%**
2.1 The contractor must own roller machines and plasma cutters.	Contractor to submit the following documents: 1.1.1 Submit proof of ownership of tools used in manufacturing of high - grade steel components, clearly showing the roller machine and Plasma cutter.		100	Totally Deficient or Non-responsive	Non-compliant Does not meet technical requirement	Meet technical requirement(s) with Acceptable technical risk(s).	Meet technical requirement(s)
2.1 QCP/ITPs for similar previous work completed.	Contractor to submit the following documents: 1.1.2 Submit previously signed Quality Control Plan (QCP/ITP) For manufacturing steel component – related to the scope of work		100	Totally Deficient or Non-responsive	Non-compliant Does not meet technical requirement	Meet technical requirement(s) with Acceptable technical risk(s).	Meet technical requirement(s)
CRITERIA 3: Human Resource Experience		**35**					
3.1 Welder's Experience	Submit a detailed CV of a boiler maker with 2 years relevant experience with traceable references. - Copies of certificates must be certified (certification must be within 3 months of tender closing)		33	Totally Deficient or Non-responsive	One year experience submitted.	Two years' experience submitted	Three years' experience submitted

3.2 Boiler Maker's Experience	Submit a detailed CV of a boiler maker with 2 years relevant experience with traceable references. - Copies of certificates must be certified (certification must be within 3 months of tender closing)		33	Totally Deficient or Non-responsive	One year experience submitted.	Two years' experience submitted	Three years' experience submitted
3.3 Quality inspectors (QC)	Must have **QC Certification** and minimum 2 years' experience SAIW Welding Inspector Level 2. - Copies of certificates must be certified (certification must be within 3 months of tender closing)		33	Totally Deficient or Non-responsive	One year experience submitted.	Two years' experience submitted	Three years' experience submitted

2.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

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

X – Mandatory

2.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.6.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	

Table 5: Unacceptable Technical Risks

Risk	Description
1.	No information on adherence to Eskom Standards provided.

2.6.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	

3. REVISIONS

Date	Rev.	Compiler	Remarks
August 2023	01	V Vilakazi	Original Issue

4. DEVELOPMENT TEAM

- Velaphi Vilakazi

5. ACKNOWLEDGEMENTS

N/A