

	Strategy	Engineering
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Title: Tender Technical evaluation for the Provision of Boiler Pressure Parts tube material for Outages and Maintenance at Eskom Duvha Power Station

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1. INTRODUCTION

The purpose of this document is to outline the scope of work that is required for the supply and delivery of boiler tubes at Duvha Power Station and the Technical evaluation strategy to be followed in acquiring such external services.

2. SUPPORTING CLAUSES

2.1 SCOPE

The works information in this scope includes the following activities:

- The supply and delivery of boiler pressure parts tubes and material to Duvha Power Station, on an as and when required basis from unit 1, 2, 4, 5 and unit 6, as per the bill of material and quantities provided.
- Delivery shall be three (3) months prior to the start of an outage, as per the outage rolling schedule, which will be updated and communicated to the supplier. Material certificates are to accompany delivered goods at all times.

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 shall apply to Duvha 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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

[2] N/A

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2.3 DEFINITIONS

Definition	Description
Tender	A tender refers to a written competitive offer, quotation, proposal made by the supplier in a prescribed or stipulated form in response to an invitation to tender/competitive enquire for provision of assets/goods or services and or the disposal thereof.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
OEM	Original Equipment Manufacturer
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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	Kgabo Lekota	Boiler Senior Engineer
TET 2	Manuel Matsimbi	Boiler Health Care Engineer

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TET 3	George Klopper	Outage Execution
TET 4	Msizi Ncgoya	Boiler Maintenance Manager

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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.	A third party certificated Quality Management System for the OEM in accordance to EN 764-5 clause 5, valid for a period of Two years before this procurement event	240-87733094 Procurement of High-Pressure Pipework and Boiler Tubing Material standard in the Generation division	Material Quality Gate keeper that ensure the received material quality standard

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

<In Table 3 define all Qualitative Evaluation Criteria to be used as well as reference to specification and specific weighting / sub weighting>

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Company profile		240-87733094 clause 3.1.2	30	
	1.1	Company establishment	A minimum of 2 years proven record of provision of material required. This can be in the form of delivery notes with contact details of end users.		10
	1.2	Company related project history	A list must be supplied of all material supplied over the past two years, with particular attention paid to the material required as part of the order.		20
2.	Certification		240-87733094 clause 3.1.3	35	
	2.1	Manufacturing Inspection and quality Assurance Documentation	EN 10204 3.1 certificates, not older than 2 years before the date of submission for this procurement event		25
	2.2	Manufacturing facility process certification	Valid or current ISO 9001 certificates to be supplied or comprehensive quality manuals (Where an ISO 9001 certificates is not available		10

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3.	STEEL MAKING PROCESS		240-87733094 clause 3.1.4	15	
	3.1	Manufacturing process	Provide a short technical description of its process to ensure the production of “clean” steel.		10
	3.2	Billet casting foundries	A list of all foundries shall be provided		5
4.	Heat treatment		240-87733094 clause 3.1.5	15	
	4.1	Heat treatment process and facilities	Heat treatment process, accompanied by a technical description of the facilities used and valid calibration certificate(s) for facilities used for the heat treatment of tubing		15
5	Corrosion protection		240-87733094 clause 3.2.	5	
	5.1	Application of a corrosion protection coating	Provide supply details of the coating and desiccant/inhibitor that will be applied on the tubes and expected corrosion protection storage shelf life		5
				TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1	X	X	X	X
1.2	X	X	X	X
2.1	X	X	X	X
2.2	X	X	X	X
3.1	X	X	X	X
3.2	X	X	X	
4.1	X	X	X	X
4.1	X	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Long delivery lead times (Minimum 8 months)

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Product quality not guaranteed

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

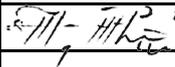
Risk	Description
1.	Delays due to the elements which may prolong the project duration

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Not meeting all set conditions

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Kgabo Lekota	System Engineer	
Roman Mhaule	Outage Coordinator	
Msizi Ngcoya	Manager Maintenance	
Manuel Matsimbi	Boiler Health Care Engineer	

5. REVISIONS

Date	Rev.	Compiler	Remarks
December 2025	0	K. Lekota	To align with Eskom tender process

6. DEVELOPMENT TEAM

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

- Kgabo Lekota
- George Klopper
- Msizi Ngcoya
- Manuel Matsimbi

7. ACKNOWLEDGEMENTS

N/A

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