

Title: Technical Evaluation strategy for the Manufacture, Supply and Delivery of Economiser Elements and Bends

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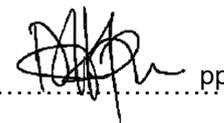
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1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of obtaining the Manufacture, Supply and Delivery of Economiser Elements and Bends for Duvha Power Station on an “as and when” required basis.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document details the requirement for the Manufacture, Supply and Delivery of Economiser Elements and Bends to Duvha Power Station, on an as and when required basis for a period of five (5) years. 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 always delivered goods. The method and criteria to be used for the evaluation of the tenders/proposals received will be detailed in this document.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document shall apply to the procurement of the supply and delivery Economiser Tubes for Duvha Power station on an “as and when” required basis. The procurement event will be applicable for the following Economiser tubes:

- 2700 Off: Stock 175814: Tube 51 x 5.6mm x 8m: Material: 15M03.
- 4000 Off: Stock 55299: Tube 51 x 6.3mm x 8m: Material: 15M03.
- 1300 Off: Stock 58555: Economiser 180-degree bends: 51 x 6.3mm: Material: 15M03.
- 1300 Off: Stock 52384: Economiser 180-degree bends: 51 x 6.3mm: Material: 15M03.

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] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [3] 32-1034: Eskom Procurement and Supply Management Procedure
- [4] 240-87733094 Procurement of High-Pressure Pipework and Boiler Tubing Material standard in the Generation division
- [5] 240-44682850: PCM - Provide Engineering During Project Sourcing
- [6] PED 97/23/EC or 2014/68/EU (Pressure Equipment Directive)

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2.2.2 Informative

- [7] ISO9000: Quality Management System
- [8] EN 764-5
- [9] EN 3834 Part 11
- [10] ISO 17025

2.3 DEFINITIONS

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

2.3.2 Enquiry: Request for further information pertaining to the requirements of this strategy.

2.3.3 Tender: A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.3.4 Contractor: Service provider, consultant or Contractor that is approved by the Employer.

2.4 ABBREVIATIONS

Abbreviation	Description
OEM	Original Equipment Manufacturer
NEC	New Engineering Contract
PCM	Process Control Management
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure.

2.6 PROCESS FOR MONITORING

The primary process that shall be used for monitoring the application of this document is 240-48929482: Tender Technical Evaluation Procedure.

2.7 RELATED/SUPPORTING DOCUMENTS

- [10] 240-53716746: Tender Technical Evaluation Report Template
- [11] 240-53716712: Tender Technical Evaluation Results Form Template
- [12] 240-53716726: Tender Technical Evaluation Scoring Form Template.

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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

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	George Klopper	Outage Coordinator
TET 2	Kgabo Lekota	System Engineer
TET 3	Msizi Ngcoya	Manager Maintenance – HMD Boiler
TET 4		

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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

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

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
3.	STEEL MAKING PROCESS		240-87733094 clause 3.1.4	15	

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	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	

TENDERERS WILL BE EXPECTED TO SCORE AT LEAST THE MINIMUM THRESHOLD OF 70% TO PROCEED TO THE NEXT PHASE. ESKOM RESERVES THE RIGHT TO LOWER THE THRESHOLD SCORE UNIFORMLY FOR ALL TENDERERS TO 60%, SHOULD THE NEED ARISE OR SHOULD NONE OF THE TENDERERS MEET THE 70% THRESHOLD

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)
2.	
3.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Product quality not guaranteed
2.	

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	
George Klopper	Outage Coordinator	
Msizi Ngcoya	Manager Maintenance	

5. REVISIONS

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

6. DEVELOPMENT TEAM

N/A

7. ACKNOWLEDGEMENTS

N/A

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