Eskom	Technical Evaluation Strategy	

Title:	**Tender Technical Evaluation to Manufacture, Testing, Refurbish, Supply and Delivery of SO3 heaters at Duvha Power Station for a period of 3 years**	Unique Identifier:	**382-169895**
		Alternative Reference Number:	**N/A**
		Area of Applicability:	**Duvha**
		Documentation Type:	**Evaluation**
		Revision:	**1**
		Total Pages:	**9**
		Next Review Date:	**N/A**
		Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Supported by	Authorised by
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]

CONTENTS

TABLES

1. INTRODUCTION

Duvha Power Station is designed to be efficient and effective coal fired power station in supplying power to the South African National Grid. This should be maintained by ensuring that the plant power output is not negatively impacted by unavailability, inefficiency and unreliability of certain plant equipment or components. The power station is designed to allow UCLF capped at 5% and this can be achieved by ensuring that the time spent on maintenance is minimised. One of the ways to minimise the maintenance downtime is availability of essential equipment or maintenance spares.

This document provides an overview of Eskom's technical evaluation criteria to be used when evaluating the tender submissions for the supply and Refurbishment of SO3 heaters Spares at Duvha Power Station for the period of Five years. The document provides annexures developed to address various aspects required to perform technical evaluations.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document contains the technical evaluation criteria and associated documents relating to a commercial enquiry for the technical evaluation and delivery of SO3 heaters Contract.

The technical evaluation team members are listed and appointed in this document along with their responsibilities.

The technical evaluation requirements consist of the following criteria:

Mandatory Evaluation Criteria

Qualitative Evaluation Criteria

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

2.2 APPLICABILITY

This document shall apply to Duvha Power Station SO3 Heaters Term Service Contract.

2.3 NORMATIVE/INFORMATIVE REFERENCES

2.3.1 Normative

[1] ISO 9001: Quality Management

[2] Tender Engineering Evaluation Procedure (240-48929482 Rev 2)

[3] 32-1034: Eskom Procurement Policy

2.3.2 Informative

[4] 03B-HBI2554: DUVHA POWER STATION SO3 heaters refurbishment SCOPE OF WORK

2.4 DEFINITIONS

Definition	Description
Enquiry	A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.4.1 Disclosure Classification

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

2.5 ROLES AND RESPONSIBILITIES

All responsibilities have been defined in the Tender Engineering Evaluation Procedure (240- 48929482).

2.6 PREREQUISITES

All personnel on the technical tender evaluation team must be appointed as mentioned in this this document before the tender evaluation can proceed.

3. TENDER TECHNICAL EVALUATION STRATEGY

This section details the methodology to be employed by Eskom in scoring the “Technical” category of the tender evaluation. This evaluation exercise is performed by the appointed Eskom TET.

The evaluation of the tenders will be based on the tenderer’s ability to meet the technical requirements.

The evaluation consists of mandatory criteria and qualitative criteria. Results of mandatory evaluation will be “Compliant” or “Non-Compliant.”

The qualitative evaluation shall apply a weighted score card approach to evaluate the tenders against the specifications and Employer’s requirements. The score card below will be used.

Table 1: Qualitative Evaluation Criteria Scoring Table

SCORE	%	DESCRIPTION
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**

4. TECHNICAL EVALUATION THRESHOLD

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

5. TECHNICAL EVALUATION TEAM

The following personnel will form part of the technical evaluation team. When the technical tender evaluation is done at least 3 participants of the technical evaluation team must be present.

Evaluator's name	Role and responsibility	Designation
Nokuthula Mbatha	All Technical Tender Evaluation Criteria	Senior Technical Supervisor
Tebogo Mailola	All Technical Tender Evaluation Criteria	Senior Technical Support Services Advisor
Mxolisi Nhlengethwa	All Technical Tender Evaluation Criteria	System Engineer
Maxwell Dlamini	All Technical Tender Evaluation Criteria	Senior Technician Technical Support

6. ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

The following table below will provide acceptable and unacceptable criteria for each section in the qualitative evaluation. This table attempts to prevent any confusion when assessing the different tender document by creating clear acceptable/unacceptable returnable

7. 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**
1.	Tenders shall supply the same exact required spares or replacement spares as per Eskom Specification	Confirmation (sign) letter from the OEM's that the tenderer shall be supported in provision/supply of spares on all unique spares. As a minimum to be included on the letter: □ Certificate or confirmation letter from OEM that they are the approved supplier or distributor. □ Duration (time) of the support to be offered to the tenderer on all the spares.	Ensure all tenderer has a support from the OEM on specialised spares

8. QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Qualitative Technical Criteria Description	Weight (100%)	Reference to Technical Specification / Tender Returnable	Scoring Criteria
Tenderers shall be within Mpumalanga with a minimum 3 years record of accomplishment for supply and delivery of Electrical spares to Eskom Generation	30%	Provide a summary report of list of Electrical Spares supplied to Eskom. As a minimum to be included on the report: Details of spares supplied, Contract value Contact details of client	5 = 100% - 5 years or more in supply & delivery of spares 4 = 80% - 4 years of supply & delivery of spares 2 = 40% - 2 years of supply & delivery of spares 0 = 0% - non responsive
Project Execution Plan/Quality control, Method statement	30%	Demonstrate how tenderer intend on executing the SOW or management of orders/supply/delivery. 1) Provide typical methodology document detailing how the Tenderer intends on managing the orders, supply, delivery and defective spares. 2) The Tenderer shall indicate how it shall perform the various functions including quality verifications and handling. 3) The Tender shall indicate how it shall perform onsite support pertaining to commissioning of spares where client's technician is unable to commission such.	5 = 100% - Meet technical requirement(s) & No foreseen technical risk(s) in meeting technical requirements And complete list of all spares. 4 = 80% - Meet technical requirement(s) with Acceptable technical risk(s)/exceptions and half of the list completed 2 = 40% - Does not meet technical requirement(s) or Unacceptable technical risks/ exceptions and quarter of the list complete. 0 = 0% TOTALLY DEFICIENT OR NON-RESPONSIVE
Delivery of spares time lines (order placement to delivery at stores)	10%	Document listing delivery time lines for spares on the BOM every Heater delivered	5 = 100% - Delivery time lines of 4-8 weeks of 100% of spares on the BOM. 4 = 80% - Delivery time lines of 9 -12 weeks of spares on the BOM. 2 = 40% - Delivery time lines of >12 weeks of spares on the BOM. 0 = 0% - non responsive
Qualification & Workshop facilities where Heaters will be refurbished	10%	Electrical Engineering Qualification Engineering National Diploma Electrical Electrical Engineering Trade Test	Supervisor-3 years' experience Electrical Electricianx3- 2years experience **0**: not submitted, **5**: Qualifications

		All Electricians must be qualified and qualification shall be valid Proof of workshop facilities	**5**: Workshop facilities

9. COMPILE DATE

Date	Rev.		Remarks
May 2022	1		
May 2022	1		

10. DEVELOPMENT TEAM

Not applicable

11. ACKNOWLEDGEMENTS

Not applicable