



Technical Evaluation Strategy

Title: **Tender Technical Evaluation Supply and delivery of Submersible Slurry Pumps for Duvha power Station** Unique Identifier: **<xxx>**

Alternative Reference Number: **N/A**

Area of Applicability: **Duvha**

Documentation Type: **STR**

Revision: **1**

Total Pages: **8**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by

Doctor Maphosa
Senior Technician

Date: **2022/11/11**

Supported by

Ronnie Tladi
Material Management

Date: **2022.11.18**

Authorised by

Lamlile Mthimunye
Aux Maintenance Manager

Date: **2022/12/09**

Approved by

Thami Khumalo
System Engineer

Date: **2022/12/06**

Approved by

Nelly Hlophe
Auxiliary Engineering Manager

Date: **2022/12/13**

Supported by

Richard Tshehla
Senior Supervisor Technical Maintenance

Date: **2022/11/15**

CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.2 APPLICABILITY	3
2.3 NORMATIVE/INFORMATIVE REFERENCES	3
2.3.1 Normative	3
2.3.2 Informative	3
2.4 DEFINITIONS	4
2.4.1 Disclosure Classification	4
2.5 ROLES AND RESPONSIBILITIES	4
2.6 PREREQUISITES	4
3. TENDER TECHNICAL EVALUATION STRATEGY	4
4. TECHNICAL EVALUATION THRESHOLD	5
5. TECHNICAL EVALUATION TEAM	5
6. ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	5
7. REVISIONS	7
8. DEVELOPMENT TEAM	ERROR! BOOKMARK NOT DEFINED.
9. ACKNOWLEDGEMENTS	ERROR! BOOKMARK NOT DEFINED.

TABLES

Table 1: Criteria of Acceptable and Unacceptable Returnables.....	7
Table 2: Scoring Guide	Error! Bookmark not defined.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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 delivery of Submersible Slurry Pumps at Duvha Power Station. 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 Supply and delivery of Submersible Slurry Pumps 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 Supply and delivery of Submersible Slurry Pumps 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] [2] 32-1034: Eskom Procurement Policy

2.3.2 Informative

03B-HBI2554: DUVHA POWER STATION Supply and delivery of Submersible Slurry Pumps refurbishment
SCOPE OF WORK

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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 Rev 2).

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.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Table 1: Qualitative Evaluation Criteria Scoring Table

SCORE	%	DESCRIPTION
5	100	COMPLIANT <input type="checkbox"/> Meet technical requirement(s) AND; <input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <input type="checkbox"/> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; <input type="checkbox"/> Acceptable exceptions AND/OR; <input type="checkbox"/> Acceptable conditions.
2	40	NON-COMPLIANT <input type="checkbox"/> Does not meet technical requirement(s) AND/OR; <input type="checkbox"/> Unacceptable technical risk(s) AND/OR; <input type="checkbox"/> Unacceptable exceptions AND/OR; <input type="checkbox"/> 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 80%.

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
TET1	All Technical Tender Evaluation Criteria	Senior Technical Supervisor
TET2	All Technical Tender Evaluation Criteria	Senior Technician Maintenance
TET3	All Technical Tender Evaluation Criteria	System Engineer
TET4	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

CONTROLLED DISCLOSURE

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.	None	N/A	N/A

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
Previous similar work	35%	The <i>Contractor</i> shall provide proof of previous supply of submersible Pumps in the form of Purchase Orders (minimum of 5 required) with contactable details	5 = 100% - 5 similar work submitted 4 = 2 < similar work submitted ≤ 3 2 = 1 < similar work submitted ≤ 2 0 = 0% - no similar work submitted
Supply pump curves of the submersible pump tendering on. The pump curve should be accompanied by the full data sheet which contains the material composition of a pump and its internals.	35%	Pump curve and data sheet	5 = data sheet and pump curve 0 = no data sheet and pump curve
Lead time to deliver the pump	30%	Letter from the OEM indicating the Leadtime to supply and deliver the pump to Duvha Power Station (letterhead of the OEM)	5 = 100% - Letter from the OEM indicating delivery time lines of 4-8 weeks . 4 = 80% - Letter from the OEM indicating delivery time lines of 9 -12 . 2 = 40% - Letter from the OEM indicating delivery time lines of >12 weeks . 0 = 0% - no letter from the OEM indicating the Leadtime

**TAKE NOTE: ONLY TECHNICAL SUITABLE IF MINIMUM THRESHOLD OF 75% IS
MET, ESKOM RESERVES THE RIGHT TO CONSIDER AND NEGOTIATE WITH
SUPPLIERS THAT OBTAINED SCORES FROM 60% TO 74%**

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.