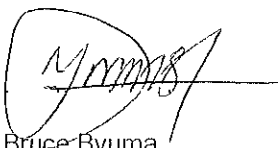
 Eskom	Tender Evaluation	Engineering
---	-------------------	-------------

Title	Pre-Tender Technical Evaluation Strategy for Duty and standby Lines Replacement	Unique Identifier	06A-15449-1
		Alternative Reference Number	C.GML0460
		Area of Applicability	Engineering
		Documentation Type	TE
		Revision	1.0
		Total Pages	14
		Next Review Date	N/A
		Disclosure Classification	CONTROLLED DISCLOSURE

Compiled by

Functional Responsibility

Authorized by

PI- 

Bruce Bvuma

Auxiliary Engineering System Engineer

Date 11/04/2022.



Gavin Phelelo

Acting-Auxiliary Engineering Manager

Date 11/04/2022



Lindokuhle Ngobese

Engineering Manager

Date 11/05/2022

CONTENTS

	Page
1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2 1 SCOPE	3
2 1 1 Purpose	3
2 1 2 Applicability	3
2 2 NORMATIVE/INFORMATIVE REFERENCES	3
2 2 1 Normative	4
2 2 2 Informative	4
2 3 DEFINITIONS	4
2 3 1 Classification	4
2 4 ABBREVIATIONS	4
2 5 ROLES AND RESPONSIBILITIES	4
2 6 PROCESS FOR MONITORING	4
2 7 RELATED/SUPPORTING DOCUMENTS	4
3. TENDER TECHNICAL EVALUATION STRATEGY	4
3 1 TECHNICAL EVALUATION THRESHOLD	6
3 2 TET MEMBERS	6
3 3 MANDATORY TECHNICAL EVALUATION CRITERIA	7
3 4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	8
3 5 TET MEMBER RESPONSIBILITIES	11
3 6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	12
3 6 1 Risks	12
3 6 2 Exceptions / Conditions	12
4. AUTHORISATION	13
5. REVISIONS.....	13
6. DEVELOPMENT TEAM	14
7. ACKNOWLEDGEMENTS	14

FIGURES

No table of figures entries found.

TABLES

Table 1 Abbreviations	4
Table 2 Qualitative Evaluation Criteria Scoring Table	5
Table 3 TET Members	6
Table 4 Mandatory Technical Evaluation Criteria	7
Table 6 TET Member Responsibilities	11
Table 7 Acceptable Technical Risks	12
Table 8 Unacceptable Technical Risks	12
Table 9 Acceptable Technical Exceptions / Conditions	12
Table 10 Unacceptable Technical Exceptions / Conditions	12

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

The Dust Handling Plant is experiencing frequent pipe failures on the duty and standby lines, which endangers the health of employees around the station. These pipe failures have also negatively affected the availability of the Dust Handling Plant. This report entails the Technical Evaluation Criteria for the lining of the pipes from unit 1 to unit 6.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of work is

- Removal of the existing lines [Unit 1 to Unit 6]
- Supply and installation of lined pipe, flanges, Pipe hangers, bolt & nuts for all six units

Pipe Length

- U1 to Bulk Silos: 780m
- U2 to Bulk Silos: 710m
- Standby Line 1: 780m
- U3 to Bulk Silos: 610m
- U4 to Bulk Silos: 530
- Standby 2: 610m
- U5 to Bulk Silos: 430m
- U6 to Bulk Silos: 380m
- Stand by 3: 430m

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 will apply to all appointed involved in the technical tender evaluation of tenders received from the Service Provider(s) in response to supply and delivery and installation of the duty lines as per the specifications provided.

2.2 NORMATIVE/INFORMATIVE REFERENCES

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

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.

2.2.1 Normative

- [1] 240-48929482 Tender Technical Evaluation Procedure
- [2] 240-53716726 Technical Scoring Form
- [3] 240-53716712 Technical Evaluation Results

2.2.2 Informative

N/A

2.3 DEFINITIONS

2.3.1 Classification

- a **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited

2.4 ABBREVIATIONS

Abbreviation	Description
RFP	Request for proposal
RFQ	Request for Quotation
SE	System Engineer
TET	Technical Evaluation Team
DHP	Dust Handling Plant

Table 1: Abbreviations

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

The evaluation criteria will be based upon a two-step process

Mandatory Criteria Evaluation

All TET members as defined in the Tender Technical Evaluation Strategy (and specifically TET member responsibilities) shall independently evaluate each tender in terms of compliance to the 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

Mandatory Evaluation Criteria Each TET member shall provide an individual scoring form on the compliance / non-compliance of all tenderers' responses to the Mandatory Evaluation Criteria. Each TET member shall provide clear justification(s) for each Mandatory Criteria evaluated as non-compliant ('NO'). All individual scoring forms shall be evaluated by the SE to check for consistency in scoring of the Mandatory Evaluation Criteria. Should the SE find inconsistency in the scoring, an internal clarification meeting shall be conducted with all TET members (who performed the evaluation) in the presence of the Commercial Representative. This meeting shall aim to jointly establish which of the tenderers qualify for the next phase of Qualitative Technical Evaluation. In the case where no tenderer meets all Mandatory Evaluation Criteria this shall be formally escalated to the Commercial Representative who shall guide the subsequent process. All meeting minutes shall be recorded and distributed to the Commercial Representative and included in the Tender Technical Evaluation Report.

Qualitative Criteria Evaluation

Tenderers that have met all the Mandatory Evaluation Criteria shall be evaluated against the Qualitative Criteria as defined in the Tender Technical Evaluation Strategy. The scoring of qualitative criteria shall be based on the degree of achievement by the tenderer to meet the technical requirements. A score shall be allocated as per Table 2 Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form [2] for each tenderer. Note. Individual Qualitative Criteria scores shall only be finalised after all clarification sessions have been concluded.

Table 2: Qualitative Evaluation Criteria Scoring Table

Score	Points	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		

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

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 75%

3.2 TET MEMBERS

The technical evaluation team will be composed of a minimum of two members per discipline from the table below with at least one being professionally registered per discipline

Table 3: TET Members

TET number	TET Member Name	Designation
TET 1	Gavin Phelelo	Engineer Auxiliary
TET 2	Bruce Bvuma	Engineer Auxiliary

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

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Gatekeepers identified in the tender document will be “must meet” criteria identified in tabular questionnaire form. The *Contractor(s)* tender will be assessed based upon questionnaire seeking **YES** or **NO** response from the *Contractor(s)* with no point scores or weighted averaged assigned to the response.

Response of **NO** against any criteria will be elimination of the *Contractor(s)* tender for further consideration or short listing for detailed technical evaluation. Gatekeepers will be minimum criterion elements with most significant and critical parameters applicable to the successful execution of the RFP. Table 4 lists the mandatory gatekeeper questionnaires identified for the subject RFQ.

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	CIDB 6 ME PE Level & above	Supply Valid Proof of CIDB Grading	The work is classified as construction work as per the construction regulations
2	ISO 3834	Supply Valid Proof of compliance to ISO 3834	ISO 3834 is a mandatory requirement to perform welding on Eskom plant

Table 4: Mandatory Technical Evaluation Criteria

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

QUALITATIVE TECHNICAL EVALUATION CRITERIA

Technical Evaluation Strategy Duty Lines Replacement

Weight Threshold (%)	Section	KPI- Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	%	Qualitative Evaluation Scoring (Threshold 75%)			
						0	40%	80%	100%
		Technical Requirements							
		1 Company Profile Document	Work Experiences (20%)						
	Technical Requirements	Traceable Evidence of Projects Completed	Evidence of Project related to pipeline installation, which were successfully completed	Company to provide list of previous work completed With proof of completion or completion certificates, with a contact person at the company where the work was carried out	20%	Not Provided	1 Project completed	2 Projects completed	3+ Projects completed
		2 Project Resources	Technical staff (16%)						
		CV's and Qualifications	Rigger with 3 years' experience in the installation of pipeline of size larger than 200NB	Submit CV and proof of red seal trade test	10%	0 years' experience post trade test	1 year' experience post trade test	2 years' experience post trade test	3+ years' experience post trade test
			Supervisor with Construction Regulations or supervisory course and at least 2 years' experience in work related environment	Submit CV and proof of qualification/N3/Matric & Trade test	10%	0 years' experience in Supervisory or post trade test experience	1 year' experience in Supervisory or post trade test experience	2 years' experience in Supervisory or post trade test experience	3+ years' experience in Supervisory or post trade test experience
			Pipe fitter with 3 years' experience in the installation pipeline larger than 200NB	Submit CV and proof of qualification with a trade test	10%	0 years' experience post trade test	1 year' experience post trade test	2 years' experience post trade test	3+ years' experience post trade test

Tender Technical Evaluation Strategy for Duty and standby Lines Replacement

Unique Identifier **C.GML0460**
Revision **1.0**
Page **9 of 14**

			Crane Operator with 3 years' experience	Valid Qualification certificate (from SAQA accredited training centre) to be attached on the CV	10%	Certificate with 0 years' experience	Certificate with 12 months years' experience	Certificate with 13 months to 2 years' experience	Certificate with more than 25 months experience
		3 Project Quality Documents	Project Quality Documents (64%)						
		Project Quality Documents	Detailed technical installation methodology <ul style="list-style-type: none"> • Quality Control Plan 5% • Installation Of Lining On The Bends 30% • Installation of Lining On the Straight pieces 30% • Resource Allocation 5% • Welding NDT and Material Testing Methodology 10% • Delivery and Storage 10% • Turn Around Strategy Incase of Delays 10 % 	Submit the work specific detailed technical installation methodology,	40%	Detailed technical installation methodology Scoring 0-40	Detailed technical installation methodology Scoring 41-50	Detailed technical installation methodology Scoring 51-74	Detailed technical installation methodology Scoring 75+

Table 5: Qualitative Technical Evaluation Criteria

3.4.1 Qualitative Technical Evaluation Criteria Formula

**Tender Technical Evaluation Strategy for Duty and
standby Lines Replacement**

Unique Identifier **C.GML0460**
Revision **1.0**
Page **10 of 14**

Weight	Points awarded	Weighted points=Weight x Points awarded

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2
1	x	x
2	x	x
3	x	x

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1	N/A

Table 7: Unacceptable Technical Risks

Risk	Description
1	N/A

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1	N/A

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	N/A

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation
G Phelelo	System Engineer Auxiliary
Thando Mbulawa	Auxiliary Engineering Manager
Lindo Ngobese	Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2020	0	G Phelelo	First Issue

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

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

Name	Designation
G Phelelo	System Engineer Auxiliary

7. ACKNOWLEDGEMENTS

N/A

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