Eskom	Strategy	Engineering

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TABLES

1. INTRODUCTION

This document outlines the tender technical evaluation strategy for the Fire Detection Term Services Contract for Drakensberg Power Station.

The contract makes provision for routine and non-routine maintenance of the fire detection systems at Drakensberg Power Station to ensure reliable operation of the sites fire detection systems. The routine maintenance includes regular inspection, servicing and testing of the identified fire detection systems and non-routine maintenance involves service calls that are defined as maintenance and repair work requirements.

The contract constitutes a 5-year agreement that makes provision for the supply of labour, equipment and materials, parts, supervision and transportation necessary to maintain the fire detection systems at Drakensberg Power Station in a serviceable condition as required by the relevant fire codes, regulations and standards.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document describes the strategy for the technical evaluation of Drakensberg Fire Detection Term Services Contract Tenders and lists the team members that are responsible for the evaluation of the tenders.

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 applies to the Drakensberg Fire Detection Systems.

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] 240-168966153 Generation Tender Technical Evaluation Procedure

[2] 32-1033 Eskom Procurement and Supply Chain Management Policy

[3] 32-1034 Eskom Procurement and Supply Chain Management Procedure

2.2.2 Informative

[4] 240-53113685 Design Review Procedure

[5] 240-53114026 Project Engineering Change Management Procedure

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
A&A	Auxiliary & Ancillary
C&I	Control and Instrumentation
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

Engineering Design Work Lead (EDWL): The EDWL is responsible for the compilation of the tender technical evaluation strategy document.

Functional Responsibility: The Functional Responsible Person ensures that the document is fit for purpose before submitting for authorisation.

Senior Manager: Performs a review of the document for alignment to business strategy, policy, objectives and requirements upon authorisation.

2.6 PROCESS FOR MONITORING

Generation Tender Technical Evaluation Procedure.

2.7 RELATED/SUPPORTING DOCUMENTS

Refer to Section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are ‘must meet’ criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether the criteria are met. An assessment of ‘No’ against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met.
The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 80%. The reason for the threshold of 80% is to ensure a full response on the qualitative criteria. Eskom reserve the right to lower the threshold to 70%.

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA ON TENDER CLOSING

Table 2: Mandatory Technical Evaluation Criteria on Tender Closing

	Mandatory Technical Criteria Description	Tender Returnable	Motivation for use of Criteria	YES/NO
1.	N/A	N/A	N/A	N/A

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Tender Returnable	Criteria Weighting (%)	Score	Criteria Sub Weighting (%)
1.	**TENDER TRACK RECORD AND EXECUTION CAPABILITY**			**65%**		
	1.1	Tenderer submits evidence of completed works that are equivalent to the works required in the Contract. Tenderer produces a track record of completed works consisting as a minimum of maintenance, installation, testing and commissioning of Video Based Fire Detection Systems.	Tenderer submit project references. As a minimum the reference list must contain: o Contact Person(s) o Contact Number(s) o Project Description o Construction Period o Contract Value	5 Maintenance Projects	**5**	40
				3-4 Maintenance Projects	**4**	
				1-2 Maintenance Projects	**2**	
				0 Maintenance Projects	**0**	
	1.2	Tenderer submits evidence of completed works that are equivalent to the works required in the Contract. Tenderer produces a track record of completed works consisting as a minimum of maintenance, installation, testing and commissioning of Analog Addressable Fire Detection Systems.	Tenderer submit project references. As a minimum the reference list must contain: o Contact Person(s) o Contact Number(s) o Project Description o Construction Period o Contract Value	5 Maintenance Projects	**5**	40
				3-4 Maintenance Projects	**4**	
				1-2 Maintenance Projects	**2**	
				0 Maintenance Projects	**0**	
	1.3	Years of experience in Fire Engineering related to analogue addressable and video based fire detection systems.	Tenderer submits the company established date and detail of experience.	5 Years	**5**	20
				3-4 Years	**4**	
				1-2 Years	**2**	
				0 Years	**0**	

2.	**OTHER REQUIRMENTS**			**35%**		
	2.1	The execution plan to include the following: 1. Detailed program showing the maintenance activity with target dates for execution, resources allocated and duration of each activity.	Tenderer supplies a detailed program for the entire contract period containing, but is not limited to the start dates, duration and resources.	Detailed Program supplied.	5	50
				Program Supplied 80% complete	4	
				Program Supplied incomplete	2	
				No program supplied.	0	
	2.2	Datasheets for all spares offered	Tenderer supplies datasheets of all products to be supplied	All Datasheets Supplied	5	50
				80% of Sheets supplied	4	
				Less than half supplied	2	
				No Datasheets Supplied	0	
				TOTAL: 100		

3.5 MANDATORY TECHNICAL EVALUATION CRITERIA ON CONTRACT AWARD

Table 4 Mandatory Technical Evaluation Criteria On contract award

Table 4 Defines all Mandatory Technical Evaluation Criteria to be used as well as reference to specification and motivation for Criteria use. Any outstanding or unclear information shall be requested from contractor by the Employer (in writing) during technical evaluation and must be submitted by the Contractor within 5 calendar days to the Employer, the Contractor will be discquilified.

	Mandatory Technical Criteria Description	Tender Returnable	Motivation for use of Criteria	Yes/No
2.	Tenderer submits proof of South African Qualifications Certification Committee (SAQCC) accreditation and an Organogram with names and accreditation detail of the personnel involved in the works. In case the Tenderer intends to subcontract, an Organogram with names and accreditation detail of the subcontractor personnel is provided.	• Certified copies as proof of accreditation and registration with SAQCC. • Organogram with names and accreditation detail of the contractor and subcontractor personnel involved with the works.	Legal requirement.	
3.	Tenderer submits proof of OEM certification to perform maintenance relevant to the *Works*.	• Individuals certified copies of proof of OEM Certification to perform maintenance on Analog addressable and Video based fire detection systems.	To comply with OEM maintenance requirements.	

3.6 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**
1.	X	X	X
2.	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**
1.1	X	X	X
1.2	X	X	X
1.3	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**
2.1	X	X	X
2.2	X	X	X

X – REQUIRED ATTENDANCE

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	

Table 7: Unacceptable Technical Risks

Risk	Description
1.	**Technical specifications not met.**
2.	**Interface requirements not met.**

3.7.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	