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Security Upgrade

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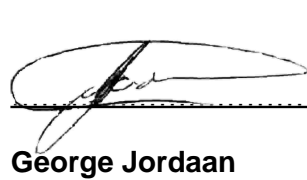
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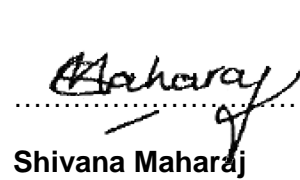
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## CONTENTS

	Page
<b>1. INTRODUCTION .....</b>	<b>3</b>
<b>2. SUPPORTING CLAUSES.....</b>	<b>3</b>
2.1 SCOPE .....	3
2.1.1 Purpose .....	3
2.1.2 Applicability.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	3
2.2.1 Normative .....	3
2.3 DEFINITIONS.....	3
2.3.1 Classification .....	3
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING.....	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
<b>3. TENDER TECHNICAL EVALUATION STRATEGY .....</b>	<b>4</b>
3.1 TECHNICAL EVALUATION THRESHOLD .....	4
3.2 TET MEMBERS.....	4
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA .....	5
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	6
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	10
3.6.1 Risks.....	10
3.6.2 Exceptions / Conditions.....	10
<b>4. AUTHORISATION.....</b>	<b>11</b>
<b>5. REVISIONS .....</b>	<b>11</b>
<b>6. DEVELOPMENT TEAM .....</b>	<b>11</b>

## TABLES

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

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## 1. INTRODUCTION

Peaking has identified to upgrade the security features at the Peaking sites due to aging equipment as well as vulnerabilities in the security systems. The overall security upgrade project is planned to be executed in different phases. The phases are divided along technology requirements and site risks. The highest focus currently is the execution of the installation of perimeter CCTV. Preceding the execution of the replacement and upgrading of the security systems a gap analysis need to be performed. The gap analysis will review the current status of security systems at the identified sites as well as non-compliance to Eskom standards and requirements and legislative non-compliance. The gap analysis will be performed through a professional services contract.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

This document covers the different aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) to complete the technical evaluation for the applicable project. The team members and their responsibilities are documented.

#### 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 is applicable to Peaking.

### 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 Tender Technical Evaluation Procedure
- [2] 194/1322 Technical Specification Technical Specification Peaking Security Upgrade
- [3] Required Operational Capability Technical Specification Peaking Security Upgrade

### 2.3 DEFINITIONS

None

#### 2.3.1 Classification

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

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## 2.4 ABBREVIATIONS

Abbreviation	Description
LDE	Lead Discipline Engineer
TET	Technical Evaluation Team

## 2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153 Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

N/A

## 2.7 RELATED/SUPPORTING DOCUMENTS

- [1] 167A/13574 - Required Operational Capability Technical Specification Peaking Security Upgrade Report
- [2] 194/1322 - Technical Specification Peaking Security Upgrade

## 3. TENDER TECHNICAL EVALUATION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

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

### 3.2 TET MEMBERS

**Table 1: TET Members**

TET number	TET Member Name	Designation
TET 1	Yaron Truter	Project Manager
TET 2	Jeff Phungula	Security Manager: Peaking
TET 3	George Jordaan	Officer: Security Operations
TET 4	Abdul Gaffaar Hoosain	CCTV and access control Engineer
TET 5	Mfundo Sijeku	PA and intrusion detection Engineer
TET 6	Aneske Juries	PA and intrusion detection Engineer
TET 7	Lungisa Mzalisi	Civil Engineer

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

The following information must be made available at tender submission. The mandatory criteria will be used as gatekeepers for the technical evaluation. If any of the mandatory technical evaluation criteria is not available in a tender submission package that submission will be disqualified.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Clarification of Criteria requirement and/or Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Confirmation of Tenderer's Experience and Capabilities	<p>The tenderer must provide a description of three independent separate references of three completed security projects which is similar to required tender in scope and services.</p> <p>The reference description confirms the customer scope of the reference project, provide a short description of the work executed, confirmation of the date when reference project was executed, final financial cost value of the project, confirmation of the company/sub-contractors names responsible for the execution of the work and contact reference of the customer.</p>	This will confirm the tenderers ability to perform the required services and reduce risk of limited available project time.

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### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The following information must be made available at tender submission. The qualitative technical criteria will be used to evaluate each submission. The evaluation of each criterion will be based on compliance to the works. Each criterion is assigned a weighting in an attempt to emphasize certain requirements/scope.

Qualitative scoring will be done in line with the Tender Technical Evaluation Procedure (240-168966153). Each criterion is scored between 0 and 5 as described in the table below. Each score will be motivated and recorded in the technical evaluation report.

**Table 3: Scoring Table**

Score	Technical Evaluation Procedure Definition	Clarification
<b>5</b> (100%)	<b>COMPLIANT</b> Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements.	Tenderer submission complies to the requirements set out in the Works information
<b>4</b> (80%)	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.	Tenderer submission complies to the requirements set out in the Works information with acceptable deviations
<b>2</b> (40%)	<b>NON-COMPLIANT</b> Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions.	Tenderer has submitted sufficient information to evaluate. Tenderer submission contains unacceptable deviations. Unacceptable deviations include: <ul style="list-style-type: none"> <li>• Single unacceptable deviation (e.g. Negative impact on expected performance)</li> <li>• Multiple deviations where the collective impact to the proposed solution is considered to be unacceptable.</li> </ul>
<b>0</b>	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>	The tenderer has submitted insufficient information to evaluate. All missing information should be considered non-compliant

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**Table 4: Qualitative Technical Evaluation Criteria**

	Qualitative Technical Criteria Description		Clarification of Criteria requirement and/or Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	<b>Technical Security Services</b>			<b>100%</b>	
	1.1	Method Statement for execution of the works	<p>Provide a description which explains the method which will be used to execute the required services. Include the following information as a minimum:</p> <ul style="list-style-type: none"> <li>• Overview of company and sub-contractors organisational structure.</li> <li>• Confirmation of the tenderers area of business expertise and year experience.</li> <li>• Description of the services which will be provided in accordance with the scope of the contract.</li> <li>• Description how related evaluation and engineering work will be executed.</li> <li>• Provide an organogram clarifying the project and technical team for project management and technical services. Indicate the reporting structure areas of responsibility related to the project scope execution and relationship if sub-contractors are utilised.</li> </ul>		50%

	<b>Qualitative Technical Criteria Description</b>		<b>Clarification of Criteria requirement and/or Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Weighting (%)</b>	<b>Criteria Sub Weighting (%)</b>
	1.2	High level program plan	Provide the following program Plan confirmation: <ul style="list-style-type: none"> <li>• Overall program with key deliverable dates.</li> <li>• Overall program with hold points and interdependency between activities.</li> <li>• Confirmation of resource and resource plan to support indicated program plan.</li> </ul>		15%
	1.3	Compliance table to the full scope of work	Provide in table format confirmation of compliance to the requirements of the contract works information per section. The tenderer confirm compliance or deviation to the requirements and provide comments to clarify deviations and potential ambiguity.		15%
	1.4	CVs, experience of personnel including project management and technical resources.	Provide CVs and related certificates for the resources which will be performing the required services.		20%

TET Member Responsibilities

**Table 5: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>	<b>TET 4</b>	<b>TET 5</b>	<b>TET 6</b>	<b>TET 7</b>
1. Confirmation of OEM support (Letter)	X	X	X	X	X	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>	<b>TET 4</b>	<b>TET 5</b>	<b>TET 6</b>	<b>TET 7</b>
1. Method Statement for execution of the works.	X	X	X	X	X	X	X
2. High level program plan.	X	X	X	X	X	X	X
3. Compliance table to the full scope of work.	X	X	X	X	X	X	X
4. CVs, experience of personnel.	X	X	X	X	X	X	X

### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.6.1 Risks

**Table 6: Acceptable Technical Risks**

Risk	Description
1.	Documentation management deviates from specification

**Table 7: Unacceptable Technical Risks**

Risk	Description
1.	Non-compliance to performance requirements specified in the works.
2.	Insufficient previous experience
3.	Unable to execute the services within the required project time frame

#### 3.6.2 Exceptions / Conditions

**Table 8: Acceptable Technical Exceptions / Conditions**

Risk	Description
1.	Deviations with no impact on compliance to the required scope and performance of the required solution as specified in the works information.

**Table 9: Unacceptable Technical Exceptions / Conditions**

Risk	Description
1.	Deviations resulting in non-compliance to the required scope and performance of the required solution as specified in the works information.

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#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
James L'Etang	Senior Plant Manager - Peaking
Pamela Mrubata	Plant Manager - Peaking
Lisa Godlo	Plant Manager - Peaking
Patrick Mhlongo	Plant Manager - Peaking
Maremane Tsotetsi	Plant Manager - Peaking
Shaun Hurling	Plant Manager - Peaking
Zipo Mahlapeni	Risk and Assurance Manager - Peaking
Jeff Phungula	Security Manager - Peaking

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2022	1	C Visagie	Original

#### 6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

- Cornelius Visagie
- Busi Green
- George Jordaan

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