



## Strategy

## Camden Power Station

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Contract. Technical Evaluation  
Strategy.**

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## **1. INTRODUCTION**

The aim of this document is to highlight the strategy to follow by the technical evaluation team that are appointed to evaluate the Technical Returnable documentation for the C&I Maintenance Services Contract Scope of Work (SOW) at Camden Power Station for a period of 60 months.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document refers to the Camden C&I maintenance Services Contract SOW at Camden Power Station for a period of 60 months, in which a contractor will be contracted to execute the C&I SOW (refer to Doc no: 240-80344994).

The document covers aspects that will be evaluated and scored by the Technical Evaluation Team (TET). The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Technical scoring methodology
- TET members
- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Risks

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

#### **2.1.1 Purpose**

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, and Technical Evaluation Team responsibilities for the tender technical evaluation. The technical evaluation strategy serves as a basis for the tender evaluation process.

#### **2.1.2 Applicability**

This document applies to the Camden Power Station and can be a reference document to Eskom Group Technology and Commercial.

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## **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] 240-48929482: Tender Technical Evaluation Procedure
- [2] 32-1034: Eskom Procurement Policy
- [3] ISO 9001 Quality Management Systems.

### **2.2.2 Informative**

- [1] 240 – 80344994: C&I Maintenance Services Contract Scope of Work (SOW) at CamdenPower Station for a period of 60 months.

## **2.3 DEFINITIONS**

<b>Definition</b>	<b>Description</b>
Transmitter	A device used to convert a physical measurement (such as temperature, pressure, flow, or level) into a standardized electrical signal that can be transmitted to a control system, such as a PLC (Programmable Logic Controller) or a DCS (Distributed Control System).
Server	A server typically refers to a central computer or software system that manages, stores, processes, and makes available data from various instruments, sensors, and control devices in an industrial environment. Servers play a crucial role in industrial automation and control systems, especially in more complex setups like Distributed Control Systems (DCS) or SCADA (Supervisory Control and Data Acquisition) systems.
Distribute control System	A type of control system used in industrial settings for process control. Unlike centralized control systems, where control is typically managed by a single controller, a DCS distributes the control functions across multiple controllers, devices, and systems that are interconnected over a network.
Maintenance	The activities performed to keep equipment, machinery, or systems in good working condition, prevent breakdowns, and ensure they continue to operate efficiently and safely. In industrial settings, maintenance is crucial for ensuring that systems like control equipment, machinery, and instrumentation perform optimally, avoiding unplanned downtime and costly repairs.
Threshold	A minimum criterion or standard that a bidder's proposal must meet to be considered eligible for further evaluation or acceptance. It serves as a "pass/fail" filter to ensure that only proposals that meet the basic requirements of the tender are

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Definition	Description
	considered in detail. This is typically used to ensure that bids meet the necessary technical requirements before moving forward in the evaluation process.

### 2.3.1 Classification

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

## 2.4 ABBREVIATIONS

Abbreviation & Acronym	Description
C&I	Control and Instrumentation
FFFR	Fossil Fuel Firing Regulations
ISO	International Organization for Standardization
NB	Nota Bene
NQF	National Qualifications Framework
OEM	Original Equipment Manufacturer
PSR	Plant safety regulations
QCP/ITP	Quality Control Plan/ Inspection Test Plan
SAMTRAC	Safety Management Training Course
SOW	Scope of work
System Admin	System Administrator
TET	Technical Evaluation Team
Tx	Transmitter

## 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

The document shall be reviewed as and when required to be always in line with the best technological practices, Eskom's procurement policies and the Tender Technical Evaluation Procedure (240-48929482).

## 2.7 RELATED/SUPPORTING DOCUMENTS

Not Applicable

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### **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 or not 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 70%. The following scoring method will be used:

**Table 1: Technical Scoring Methodology**

<b>SCORE</b>	<b>PERCENTAGE (%)</b>	<b>DESCRIPTION</b>
<b>5</b>	<b>100</b>	<b>COMPLIANT</b> <ul style="list-style-type: none"><li>• Meet the technical requirement(s) AND,</li><li>• No foreseen technical risk(s) in meeting technical requirements</li></ul>
<b>4</b>	<b>80</b>	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"><li>• Meet the technical requirement(s) with,</li><li>• Acceptable technical risks AND/OR;</li><li>• Acceptable exceptions AND/OR;</li><li>• Acceptable conditions</li></ul>
<b>2</b>	<b>40</b>	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"><li>• Does not meet the technical requirement(s) AND/OR</li></ul> Unacceptable technical risk(s) AND/OR; <ul style="list-style-type: none"><li>• Unacceptable exceptions AND/OR;</li><li>• Unacceptable conditions</li></ul>
<b>0</b>	<b>0</b>	<b>TOTALLY DEFICIENT/NON-RESPONSIVE</b>

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### **3.2 TET MEMBERS**

**Table 2: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Thabo Aphane	Common Plant Snr Engineer
TET 2	Grace Mandlazi	C&I Senior Advisor
TET 3	Douglas Mugweni	C&I System Engineer
TET 4	Mlungisi Nkosi	C&I System Engineer
TET 5	Fikile Ngwane	C&I Snr Supervisor
TET 6	Gugu Hlatshwayo	C&I Snr Technician

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### 3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

**NB: The suppliers need to submit proof of all the above requirements, if not they will be disqualified. The people evaluated in this section (Mandatory) will no longer be scored on the next section (Qualitative)**

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	<b>Five (5) Technicians</b> hold a Technicon diploma / Technical (N6 certificate with trade test) or N6 diploma in Electrical Engineering LC, have a minimum of 5 years experience in a power plant or related field (Instrumentation) experience, have background knowledge of Boiler protections, Turbine protections, T2000, MSR drawings, CT system and T3000. Must have a driver's license as standby duties are mandatory. All certificates need to be certified copy not older than 3 months on date of submission	CV and Certified copy of qualifications (Certificates) and Certified copy T3000 Certificate per Technician  <b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.	a) For Competency and Accountability
2.	<b>Five (5) Artisans/Mechanicians</b> should hold N4 and Trade test certificates/ Technical Diploma with trade test / Technicon diploma in Electrical Engineering LC and a minimum of 3 years' experience in a power plant or related field (Instrumentation), have background knowledge of T2000, T3000, MSR drawings and CT system. Must have a driver's license as standby duties are	CV and Certified copy of qualifications (Certificates)  <b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be	a) For Competency and Accountability



	mandatory. All certificates need to be certified copy not older than 3 months on date of submission	accompanied by an affidavit.	
3.	<b>One (1) Site manager</b> should hold a Technicon/ Technical diploma with trade test in Electrical Engineering LC, have a minimum of 5 years' technical experience in the process and instrumentation environment at a Power Station and 3 years managerial work experience at any industry, preferably in a power plant. All certificates need to be certified copy not older than 3 months on date of submission.	CV and Certified copy of qualifications (Certificates) <b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.	a) For Competency and Accountability
4.	<b>One (1) System administrators</b> should hold a technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with a minimum of 3 years' experience as a system administrator, must have received training on T3000 Basic, administrator, Migration server or similar servers, and cyber security with proof of certificates. In addition, must have worked on the following systems: T2000, Linux administration, Industrial networking, Network communications, programming and windows servers. All certificates need to be certified copy not older than 3 months on date of submission.	CV and Certified copy of qualifications (Certificates) <b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.	a) For Competency and Accountability

### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 4: Qualitative Technical Evaluation Criteria**

The weight for the technical review will be 100% with a minimum threshold of 70% and will be based on the following:

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
<b>1</b>	<b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.				<b>20</b>
	<b>Company Experience:</b> NB: All documents/ certificates shall be certified & valid (Stamp for certifying is within 3 months) at the time of tender submission.				
	1.1	Contractor must be able to demonstrate years of extensive experience executing C&I plant maintenance project. The contractor must have at least 2 years consecutively and uninterrupted. This experience must be in a power plant or similar industries.  Proof must be submitted in a form of printed Purchase orders/ contract numbers for work done and Signed contract agreements with the scope of work for work done at Eskom. For work done in other industries, traceable references, and signed contract agreements with a scope of work must be provided.	<b>Tender returnable –</b> Reference Letters, completion certificate, contract agreements, Purchase orders, contract numbers, and or signed contract agreements	<b>10</b>	
	1.2	The company must have maintained Stratus Ft Server4500 or similar server with proof of purchase orders for the work done.	<b>Tender returnable –</b> Reference Letters, completion certificate, contract agreements, Purchase orders, contract numbers, and or signed contract agreements	<b>5</b>	

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
	<b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.				
	1.3	The company must have serviced MACH routers and firewall Scalance with proof of purchase orders for the work done.	<b>Tender returnable –</b> Reference Letters, completion certificate, contract agreements, Purchase orders, contract numbers, and or signed contract agreements	<b>5</b>	
<b>2</b>	<b>Documentation:</b> Contractor shall have experience in carrying out the Works, or Works of similar nature, in another Power Plant, or Industry (Ability for supplier to execute the required scope, based on method statement, QCP & work instruction/procedures.)				<b>15</b>
	2.1	Calibrations (Pressure, Flow, Level, and temperature) Tx (8 ITPs for calibrations, 2 per Instrument)	<b>Tender returnable –</b> ITPs	<b>5</b>	
	2.2	Stroke checking of motorized and Pneumatic (Valves & dampers) (4 ITPs stroke checking, 2 per Instrument)	<b>Tender returnable –</b> ITPs	<b>5</b>	
	2.3	Replacement (Pressure, Flow, Level, and Temperature) (8 ITPs for replacement, 2 per Instrument).	<b>Tender returnable –</b> ITPs	<b>5</b>	
<b>3</b>	<b>Human Resources:</b> <b>NB: All documents/ certificates shall be certified and valid (Stamp for certifying is within 3 months) at the time of tender submission.</b>				<b>55</b>

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
	<b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.				
<b>3.1</b>	<p>One (1) System administrators should hold a technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with a minimum of 3 years' experience as a system administrator, must have received training on T3000 Basic, administrator, Migration server or similar servers, and cyber security with proof of certificates. In addition, must have worked on the following systems: T2000, Linux administration, Industrial networking, Network communications, programming and windows servers.</p> <p><b>NB: System Admin scored here is not the one evaluated on mandatory</b></p>				
	3.1.1	Programming 2 (Siemens) certificate.	<b>Tender returnable –</b> Certified copy of Certificates	<b>10</b>	
	3.1.2	T3000 Migration server or similar server maintenance Training certificate	<b>Tender returnable –</b> Certified copy of Certificates	<b>10</b>	
	3.1.3	Introduction to network communication certificate	<b>Tender returnable –</b> Certified copy of Certificates	<b>10</b>	
	3.1.4	Cyber security certificate	<b>Tender returnable –</b> Certified copy of Certificates	<b>10</b>	
<b>3.2</b>	<p><b>Two (2) Technical Supervisors</b> should hold a Technicon/ Technical diploma with a trade test in Electrical engineering or any other related qualifications Have 5 years of experience working with CT or any other belt protection systems, Boiler and Turbine controls and protections, must have T3000 certificate and extensive knowledge on T2000.</p>		<b>Tender returnable – CV</b> and Certified copies of Certificates	<b>5</b>	

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
	<b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.				
	Experience in a power plant is preferable. All certificates need to be certified copy not older than 3 months on date of submission				
<b>3.3</b>	<b>Two (2) Quality Officer</b> should have Electrical engineering LC or any other quality related qualifications with ISO 9001, 2015 (Introduction and Implementation) certificates and 3 years of experience in a power plant. All certificates need to be certified copy not older than 3 months on date of submission		<b>Tender returnable – CV and Certified copies of Certificates</b>	<b>5</b>	
<b>3.4</b>	<b>One (1) Safety Officer</b> should hold a NQF 5 SAMTRAC Certificate or similar qualifications with Incident investigation level 3 and First aid level 2, level 3 certificates will be an added advantage or diploma in Safety with incident investigation level 3 certificate; must have a minimum of 3 years' safety related experience in any industrial site or power plant. All certificates need to be certified copy not older than 3 months on date of submission		<b>Tender returnable – CV and Certified copies of Certificates</b>	<b>2.5</b>	
<b>3.5</b>	<b>Four (4) Semi-skilled</b> should hold Matric certificate, must have worked in any industrial site before, preferably a power plant. All certificates need to be certified copy not older than 3 months on date of submission		<b>Tender returnable – CV and Certified copies of Certificates</b>	<b>2.5</b>	
<b>4</b>	<b>Regulated mandatory training:</b> Proof in a form of certificate or an email from the training facilitator's office communicating the technician's and Mechanician/artisan's (80% achieved) results and the date of their Authorisation expiry. Contact details of the facilitator should be provided, proof in a form of email will be verified through telephone calls. The training must have been done in a power station. <b>NB: All documents/ certificates shall be certified and valid (Stamp for certifying is within 3 months) at the time of tender submission.</b>				<b>10</b>
	<b>4.1</b>	<b>Eight (8) either or both (and or) Technicians</b> (should hold a Technicon diploma / Technical (N6 certificate with trade test)	<b>Tender returnable – Certified copy of FFR</b>	<b>5</b>	

	<b>Qualitative Technical Criteria Description</b> <b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
		or N6 diploma in Electrical Engineering LC, have a minimum of 5 years experience in a power plant or related field (Instrumentation) experience, have background knowledge of Boiler protections, Turbine protections, T2000, MSR drawings, CT system and T3000. Must have a driver's license as standby duties are mandatory.) or <b>Mechanicians</b> (should hold N4 and Trade test certificates/ Technical Diploma with trade test / Technicon diploma in Electrical Engineering LC and a minimum of 3 years' experience in a power plant or related field (Instrumentation), have background knowledge of T2000, T3000, MSR drawings and CT system. Must have a driver's license as standby duties are mandatory) must be Authorised in FFFR)	Authorization Certificates/ email from Eskom training department confirming authorisation.		
	4.2	<b>Eight (8) either or both (and or) Technicians</b> (should hold a Technicon diploma / Technical (N6 certificate with trade test) or N6 diploma in Electrical Engineering LC, have a minimum of 5 years experience in a power plant or related field (Instrumentation) experience, have background knowledge of Boiler protections, Turbine protections, T2000, MSR drawings, CT system and T3000. Must have a driver's license as standby duties are mandatory.) or <b>Mechanicians</b> (should hold N4 and Trade test certificates/ Technical Diploma with trade test / Technicon diploma in Electrical Engineering LC and a minimum of 3 years' experience in a power plant or related field (Instrumentation), have background knowledge of T2000, T3000, MSR drawings and CT system. Must have a driver's license as standby duties are mandatory) must be Authorised or Previously authorised in PSR	<b>Tender returnable –</b> Certified copy of PRS Authorization Certificates/ email from Eskom training department confirming authorisation.	<b>5</b>	

	<b>Qualitative Technical Criteria Description</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Sub Weighting (%)</b>	<b>Criteria Weighting (%)</b>
	<b>Requirement:</b> As per POPIA; Consent in the form of an affidavit must be given by the owner of the CVs and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.			
			<b>Total:</b>	<b>100</b>

The scoring criteria are as follows:

**Table 5: Scoring Criteria**

<b>Qualitative Technical Evaluation Criteria</b>		<b>Score [0,2,4,5]</b>	<b>Scoring Criteria</b>
1.1	Contractor must be able to demonstrate years of extensive experience executing C&I plant maintenance project. The contractor must have at least 2 years consecutively and uninterrupted. This experience must be in a power plant or similar industries.  Proof must be submitted in a form of printed Purchase orders/ contract numbers for work done and Signed contract agreements with the scope of work for work done at Eskom. For work done in other industries, traceable references, and signed contract agreements with a scope of work must be provided.		5 = 5 years and above Experience in C&I Maintenance Services  4 = Greater or equals to 3 but less than 5 years of Experience in C&I Maintenance Services  2 = Greater or equals to 2 but less than 3 years of Experience in C&I Maintenance Services  0 = Less than 2 of Experience in C&I Maintenance Services

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
1.2	The company must have maintained Stratus Ft Server4500 or similar server with proof of purchase orders for the work done		<p>5 = 3 years and above Experience in maintaining Stratus Ft Server4500 or similar server</p> <p>4 = Greater or equals to 2 but less than 3 years of Experience in maintaining Stratus Ft Server4500 or similar server</p> <p>2 = Greater or equals to 1 but less than 2 years of Experience in maintaining Stratus Ft Server4500 or similar server</p> <p>0 = Less than 1 of Experience in maintaining Stratus Ft Server4500 or similar server</p>
1.3	The company must have serviced MACH routers and firewall Scalance with proof of purchase orders for the work done.		<p>5 = 3 years and above Experience in servicing MACH 4000 routers and firewall Scalance S612</p> <p>4 = Greater or equals to 2 but less than 3 years of Experience in servicing MACH 4000 routers and firewall Scalance S612</p> <p>2 = Greater or equals to 1 but less than 2 years of Experience servicing MACH 4000 routers and firewall Scalance S612</p> <p>0 = Less than 1 of Experience in servicing MACH 4000 routers and firewall Scalance S612</p>
2.1	Calibrations (Pressure, Flow, Level, and temperature) Tx (8 ITPs for calibrations, 2 per Instrument)		<p>5 = 8 and above ITP Submitted</p> <p>4 = Greater than 5 less than 8 ITPs Submitted</p>



Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
			<p>2 = Greater than 2 less than 5 ITPs Submitted</p> <p>0 = 2 or less ITPs Submitted</p>
2.2	Stroke checking of motorized and Pneumatic (Valves & dampers) (4 ITPs stroke checking, 2 per Instrument)		<p>5 = 4 and above ITP Submitted</p> <p>4 = Greater than 3 less than 4 ITPs Submitted</p> <p>2 = Greater than 1 less than 2 ITPs Submitted</p> <p>0 = 1 or less ITPs Submitted</p>
2.3	Replacement (Pressure, Flow, Level, and Temperature) (8 ITPs for replacement, 2 per Instrument).		<p>5 = 8 and above ITP Submitted</p> <p>4 = Greater than 5 less than 8 ITPs Submitted</p> <p>2 = Greater than 2 less than 5 ITPs Submitted</p> <p>0 = 2 or less ITPs Submitted</p>
3.1.1	programming 2 (Siemens) certificate.		<p>5 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Programming 2 Certificate Submitted with 5 or greater years of experience.</b></p> <p>4 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process</p>

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
			<p>Instrumentation with <b>Programming 2 Certificate Submitted with greater than or equals to 3 years but less than 5 years of experience.</b></p> <p>2 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Programming 2 Certificate Submitted with greater than or equal 1 years but less than 3 years of experience.</b></p> <p>0 = <b>No Certified Copy of qualification or No Certified Copy of Programming 2 Certificate Submitted or Less than 1 year of experience.</b></p>
3.1.2	T3000 Migration server or similar server maintenance Training certificate		<p>5 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>T3000 Migration server or similar server maintenance Training Certificate Submitted with 5 or greater years of experience.</b></p> <p>4 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>T3000 Migration server or similar server maintenance Training Certificate Submitted with greater than or equals to 3 years but less than 5 years of experience.</b></p> <p>2 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>T3000 Migration server or similar server maintenance Training Certificate Submitted with greater than or equal 1 years but less than 3 years of experience.</b></p>

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
			0 = <b>No Certified Copy of qualification or No T3000 Migration server or similar server maintenance Training Certificate Submitted or Less than 1 year of experience.</b>
3.1.3	Introduction to network communication certificate		<p>5 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Introduction to network communication certificate Submitted with 5 or greater years of experience.</b></p> <p>4 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Introduction to network communication certificate Submitted with greater than or equals to 3 years but less than 5 years of experience.</b></p> <p>2 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Introduction to network communication certificate Submitted with greater than or equal 1 years but less than 3 years of experience.</b></p> <p>0 = <b>No Certified Copy of qualification or No Introduction to network communication certificate Submitted or Less than 1 year of experience.</b></p>
3.1.4	Cyber security certificate		5 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
			<p>Instrumentation with <b>Cyber security Certificate Submitted with 5 or greater years of experience.</b></p> <p>4 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Cyber security Certificate Submitted with greater than or equals to 3 years but less than 5 years of experience.</b></p> <p>2 = Certified Copy of Technical / Technicon diploma in Digital Engineering/ Electronics Engineering/ Computer Engineering/ IT Systems/ Process Instrumentation with <b>Cyber security Certificate Submitted with greater than or equal 1 years but less than 3 years of experience.</b></p> <p>0 = <b>No Certified Copy of qualification or No Certified Copy of Cyber security Certificate Submitted or Less than 1 year of experience.</b></p>
<b>3.2</b>	<p><b>Two (2) Technical Supervisors</b> should hold a Technicon/ Technical diploma with a trade test in Electrical engineering or any other related qualifications Have 5 years of experience working with CT or any other belt protection systems, Boiler and Turbine controls and protections, must have T3000 certificate and extensive knowledge on T2000. Experience in a power plant is preferable. All certificates need to be certified copy not older than 3 months on date of submission</p>		<p>5 = Two (2) Technical Supervisors with Greater than 5 years of experience working with CT System, T2000, Boiler and Turbine controls and protections</p> <p>4 = Two (2) Technical Supervisors with Greater or equals to 3 years but less than 5 years of experience working with CT System, T2000, Boiler and Turbine controls and protections</p> <p>2 = Two (2) Technical Supervisors with Great or equals to 2 years but less than 3 years of experience working with CT System, T2000, Boiler and Turbine controls and protections</p>

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
			0 = Two (2) Technical Supervisors with less than 2 years of experience working with CT System, T2000, Boiler and Turbine controls and protections.
3.3	<b>Two (2) Quality Officer</b> should have Electrical engineering LC or any other quality related qualifications with ISO 9001, 2015 (Introduction and Implementation) certificates and 3 years of experience in a power plant. All certificates need to be certified copy not older than 3 months on date of submission		<p>5 = Two (2) Quality Officers with Greater than 3 years of experience doing quality in a power plant or similar plant</p> <p>4 = Two (2) Quality Officers with Greater or equals to 2 years but less than 3 years of experience doing quality in a power plant or similar plant</p> <p>2 = Two (2) Quality Officers with Great or equals to 1 years but less than 2 years of experience doing quality in a power plant or similar plant</p> <p>0 = Two (2) Quality Officers with less than 1 years of experience doing quality in a power plant or similar plant.</p>
3.4	<b>One (1) Safety Officer</b> should hold a NQF 5 SAMTRAC Certificate or similar qualifications with Incident investigation level 3 and First aid level 2, level 3 certificates will be an added advantage or diploma in Safety with incident investigation level 3 certificate; must have a minimum of 3 years' safety related experience in any industrial site or power plan.		<p>5 = Greater than 3 years' safety related experience in any industrial site or power plant.</p> <p>4 = Greater than 2 but less than 3 years' safety related experience in any industrial site or power plant.</p> <p>2 = Greater than 1 but less than 2 years' safety related experience in any industrial site or power plant.</p> <p>0 = Less or equals to 1 years' safety related experience in any industrial site or power plant.</p>

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
3.5	<b>Four (4) Semi-skilled</b> should hold Matric certificate, must have worked in any industrial site before, preferably a power plant. All certificates need to be certified copy not older than 3 months on date of submission		<p>5 = Greater or equals to 4 Semi-skilled qualify.</p> <p>4 = Greater or equals to 3 but less than 4 Semi-skilled qualify.</p> <p>2 = Greater or equals to 2 but less than 3 Semi-skilled qualify.</p> <p>0 = Less or equals to 1 Semi-skilled qualify.</p>
4.1	<b>Eight (8) either or both (and or) Technicians</b> (should hold a Technicon diploma / Technical (N6 certificate with trade test) or N6 diploma in Electrical Engineering LC, have a minimum of 5 years experience in a power plant or related field (Instrumentation) experience, have background knowledge of Boiler protections, Turbine protections, T2000, MSR drawings, CT system and T3000. Must have a driver's license as standby duties are mandatory.) or <b>Mechanicians</b> (should hold N4 and Trade test certificates/ Technical Diploma with trade test / Technicon diploma in Electrical Engineering LC and a minimum of 3 years' experience in a power plant or related field (Instrumentation), have background knowledge of T2000, T3000, MSR drawings and CT system. Must have a driver's license as standby duties are mandatory) must be Authorised in FFFR)		<p>5 = Greater or equals to 8 Mechanicians or Mechanicians or Mechanicians Mechanicians with Certified Copy of FFFR Certificates Submitted / emails from Eskom training department confirming Authorisation.</p> <p>4 = Greater or equals to 6 but less than 8 Technicians or Mechanicians with Certified Copy of FFFR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p> <p>2 = Greater or equals to 4 but less than 6 Technicians or Mechanician with Certified Copy of FFFR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p> <p>0 = Less or equals to 2 Technician or Mechanicians with Certified Copy of FFFR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p>
4.2	<b>Eight (8) either or both (and or) Technicians</b> (should hold a Technicon diploma / Technical (N6 certificate with trade test) or N6 diploma in		<p>5 = Greater or equals to 8 and above Technician or Mechanicians with Certified Copy of PSR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p>

Qualitative Technical Evaluation Criteria	Score [0,2,4,5]	Scoring Criteria
<p>Electrical Engineering LC, have a minimum of 5 years experience in a power plant or related field (Instrumentation) experience, have background knowledge of Boiler protections, Turbine protections, T2000, MSR drawings, CT system and T3000. Must have a driver's license as standby duties are mandatory.) or <b>Mechanicians</b> (should hold N4 and Trade test certificates/ Technical Diploma with trade test / Technicon diploma in Electrical Engineering LC and a minimum of 3 years' experience in a power plant or related field (Instrumentation), have background knowledge of T2000, T3000, MSR drawings and CT system. Must have a driver's license as standby duties are mandatory) must be Authorised or Previously authorised in PSR</p>		<p>4 = Greater or equals to 6 but less than 8 Technician or Mechanics with Certified Copy of PSR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p> <p>2 = Greater or equals to 4 but less than 6 Technician or Mechanics with Certified Copy of PSR Certificates Submitted/ emails from Eskom training department confirming Authorisation.</p> <p>0 = Less or equals to 2 Technician or Mechanics with Certified Copy of PSR Certificate Submitted/ emails from Eskom training department confirming Authorisation.</p>

### 3.5 TET MEMBER RESPONSIBILITIES

Table 6: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6
1.1	X	X	X	X	X	X
1.2	X	X	X	X	X	X
1.3	X	X	X	X	X	X
1.4	X	X	X	X	X	X
2.1	X	X	X	X	X	X
2.2	X	X	X	X	X	X
2.3	X	X	X	X	X	X
3.1.1	X	X	X	X	X	X
3.1.2	X	X	X	X	X	X
3.1.3	X	X	X	X	X	X
3.1.4	X	X	X	X	X	X
3.2	X	X	X	X	X	X
3.3	X	X	X	X	X	X
3.4	X	X	X	X	X	X
3.5	X	X	X	X	X	X
4.1	X	X	X	X	X	X
4.2	X	X	X	X	X	X



### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.6.1 Risks

Table 7: Acceptable Technical Risks

Risk	Description
1.	Marginally failing to meet the 80% threshold as stipulated in section 3.1. <i>(Only accepting 75% and above will be acceptable if there is no prospective supplier meeting the required 80% in the technical qualitative criteria)</i>

Table 8: Unacceptable Technical Risks

Risk	Description
1.	Failing to meet any of the Technical Gatekeepers as listed in section 3.3, Table 3. <i>(Any <b>NO</b> result obtained in mandatory is disqualification)</i>

#### 3.6.2 Exceptions / Conditions

Table 9: Acceptable Technical Exceptions / Conditions

Risk	Description
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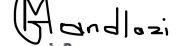

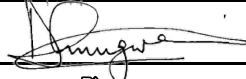



1.	N/A
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Table 10: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature	Date
Andrew Botshe	C&I Maintenance manager		09/05/2025
Grace Mandlazi	Senior Advisor C&I		09 May 2025
Gugu Hlatshwayo	Senior Technician C&I MNT		09 May 2025
Douglas Mugweni	C&I System Engineer		09 / 05 / 2025
Paul Du Plessis	Chief Technologist Electr		09 May 2025
Fikile Ngwane	C&I Snr Supervisor		09/05/2025
Thabo Aphone	Common Plant Snr Engineer		09 May 2025

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2024	1	Fikile Ngwane	New Document
April 2025	2	Mlungisi Nkosi	Changes made

#### 6. DEVELOPMENT TEAM

- C&I Engineering
- C&I Maintenance
- C&I Maintenance Technical Support

#### 7. ACKNOWLEDGEMENTS

- None

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