

Title: **Technical Evaluation Strategy  
for bulk purchase of  
Thermocouples and Related  
Components**

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## **CONTENTS**

|                                                      | <b>Page</b> |
|------------------------------------------------------|-------------|
| <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           |
| 2.2.2 Informative .....                              | 3           |
| 2.3 DEFINITIONS .....                                | 3           |
| 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           |
| <b>3. TENDER TECHNICAL EVALUATION STRATEGY .....</b> | <b>4</b>    |
| 3.1 TECHNICAL EVALUATION THRESHOLD .....             | 4           |
| 3.2 TET MEMBERS .....                                | 5           |
| 3.3 MANDATORY TECHNICAL EVALUATION CRITERIA .....    | 6           |
| 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA .....  | 8           |
| 3.5 TET MEMBER RESPONSIBILITIES .....                | 10          |
| 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE RISKS .....   | 11          |
| 3.6.1 Risks .....                                    | 11          |
| 3.6.2 Exceptions / Conditions .....                  | 11          |
| <b>4. AUTHORISATION .....</b>                        | <b>12</b>   |
| <b>5. REVISIONS .....</b>                            | <b>12</b>   |
| <b>6. DEVELOPMENT TEAM .....</b>                     | <b>12</b>   |
| <b>7. ACKNOWLEDGEMENTS .....</b>                     | <b>12</b>   |

## **TABLES**

|                                                          |    |
|----------------------------------------------------------|----|
| Table 1: Technical Scoring Methodology .....             | 5  |
| Table 2: TET Members .....                               | 5  |
| Table 3: Mandatory Technical Evaluation Criteria .....   | 6  |
| Table 4: Qualitative Technical Evaluation Criteria ..... | 8  |
| Table 5 TET Member Responsibilities .....                | 10 |
| Table 6: Acceptable Technical Risks .....                | 11 |
| Table 7: Unacceptable Technical Risks .....              | 11 |

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## **1. INTRODUCTION**

The reliable operation of C&I (Control and Instrumentation) equipment depends on the periodic purchasing of materials and instrumentation. The aim of purchasing new materials is to restore the condition of all C&I equipment to ensure that the plant is available and reliable. This strategy intends to support current improvement strategies, such as spares management, as well as the risk-based index strategies applied to the maintenance work activities.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

The technical criteria for contractor suitability are given. The scope of the works includes:

- Bulk purchase of Thermocouples and related components.
- Provide certificates for instruments in the SOW.

#### **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 shall apply to Camden Power Station.

### **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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [3] 32-1034: Eskom Procurement Policy
- [4] 32-1034: Eskom Procurement and Supply Chain Management Procedure

#### **2.2.2 Informative**

- [5] ISO 9001: Quality Management Systems

### **2.3 DEFINITIONS**

N/A

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### 2.3.1 Classification

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

### 2.4 ABBREVIATIONS

| Abbreviation | Description                                    |
|--------------|------------------------------------------------|
| ISO          | International Organization for Standardization |
| C&I          | Control And Instrumentation                    |
| SAP          | Systems Applications and Products              |
| TET          | Technical Evaluation Team                      |
| LDV          | Light Duty Vehicles                            |

### 2.5 ROLES AND RESPONSIBILITIES

|                           |                                                                                                                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compiler                  | The document compiler is responsible for ensuring that this document is up-to-date and that this document is not a duplication of existing documentation, regarding the document's objectives and content.                                     |
| Functional Responsibility | The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.                                                                                                      |
| Authoriser                | The document authoriser is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives and requirements. He/she shall authorise the release and application of the document. |

### 2.6 PROCESS FOR MONITORING

The implementation of this document will be monitored by C&I Engineering, Maintenance and QC departent during the procurement process.

### 2.7 RELATED/SUPPORTING DOCUMENTS

N/A

## 3. TENDER TECHNICAL EVALUATION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are a '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:

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**Table 1: Technical Scoring Methodology**

| SCORE | PERCENTAGE (%) | DESCRIPTION                                                                                                                                                                                                                                                 |
|-------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5     | 100            | <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>                                                                          |
| 4     | 80             | <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> |
| 2     | 40             | <b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR;</li> <li>Unacceptable exceptions AND/OR;</li> <li>Unacceptable conditions</li> </ul>                   |
| 0     | 0              | <b>TOTALLY DEFICIENT/NON-RESPONSIVE</b>                                                                                                                                                                                                                     |

### 3.2 TET MEMBERS

The following are TET members:

**Table 2: TET Members**

| TET number | TET Member Name | Designation                      |
|------------|-----------------|----------------------------------|
| TET 1      | Mlungisi Nkosi  | C&I Engineer                     |
| TET 2      | Thabo Mampa     | C&I Technician                   |
| TET 3      | Thabang Khanye  | C&I QC Technician                |
| TET 4      | Grace Mandlazi  | Senior Advisor Technical Support |

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### 3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

|    | Mandatory Technical Criteria Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reference to Technical Specification / Tender Returnable                                                     | Motivation for use of Criteria                                                                |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1. | <p>The Supplier shall submit Material Data Sheets (MDS) for the spares with stock numbers 227215, 634263, 236383, 250011, 237320, and 243074 (See section 3.1 of the SOW). These are critical spares, and the Employer shall verify the material specifications and technical details to ensure that the correct spares are supplied and delivered.</p> <p><b>NB:</b> It is mandatory that all information for each item be labelled in accordance with the stock number specified in the Scope of Work (SOW). Any submission that does not comply with this requirement will be deemed non-responsive for the affected item.</p> | Suppliers must attach a detailed material data sheet with specifications and drawings of the required items. | To ensure that the correct materials of the required quality are delivered.                   |
| 2  | <p><b>Non-OEM suppliers</b> are required to submit a valid supply agreement letter confirming OEM support. The letter must explicitly state the OEM's endorsement and must bear the OEM's official signature or stamp. Failure to provide this will render the submission non-compliant.</p> <p><b>OEMs</b> must submit verifiable proof of their OEM status.</p>                                                                                                                                                                                                                                                                 | Suppliers must submit OEM support letter that is stamped or signed by the OEM                                | To ensure that full support from the manufacturer is provided without delay on the lead time. |

**Technical Evaluation Strategy for bulk purchase of  
Thermocouples and Related Components**

Unique Identifier: **383-CMDN-AABZ31-**  
Revision: **SG0002-17**  
Page: **1**  
**7 of 12**

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### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

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

**Table 4: Qualitative Technical Evaluation Criteria**

|    | Qualitative Technical Criteria Description |                                                             | Reference to Technical Specification / Tender Returnable                                                                                                             | Criteria Weighting (%) | Criteria Sub Weighting (%) | Totally Deficient/Non-responsive (0)                                 | Non-compliant (2)                                                                       | Compliant with associated qualifications (4)                                            | Compliant (5)                                                                       |
|----|--------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1. | Proof of Track Record                      |                                                             |                                                                                                                                                                      | 70                     |                            |                                                                      |                                                                                         |                                                                                         |                                                                                     |
|    | 1.1                                        | Purchase Orders and Signed Delivery Notes of Similar Spares | The supplier has supplied and delivered similar spares in the past 3 years.<br><br>Please attach:<br>Five (5) Purchase Orders as proof<br>AND signed delivery notes. |                        | 40                         | No Purchase Orders for similar spares and no Delivery Note provided. | 1 _ 2 Purchase Orders for similar spares and signed Delivery Notes in the past 3 years. | 3 _ 4 Purchase Orders for similar spares and signed Delivery Notes in the past 3 years. | 5 Purchase Orders for similar spares and Signed Delivery Notes in the past 3 years. |
|    | 1.2                                        | Lead Time to Deliver                                        | Program indicating key milestones from the PO award to delivery of spares in your company letterhead with contactable references.                                    |                        | 30                         | More than 2 Months.                                                  | From 1 to 2 Months.                                                                     | From 14 (2 weeks) to 30 Days (1 months).                                                | Less than 15 Days.                                                                  |
|    | Qualitative Technical Criteria Description |                                                             | Reference to Technical Specification / Tender Returnable                                                                                                             | Criteria Weighting (%) | Criteria Sub Weighting (%) | Totally Deficient/Non-responsive (0)                                 | Non-compliant (2)                                                                       | Compliant with associated qualifications (4)                                            | Compliant (5)                                                                       |



**Technical Evaluation Strategy for bulk purchase of Thermocouples and Related Components**

Unique Identifier:  
Revision:  
Page:

**383-CMDN-AABZ31-  
SG0002-17  
1  
9 of 12**

|    |                         |                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |    |                                                        |                                                                                    |                                                                                     |                                                                                |
|----|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|--------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 2. | Proof of Transportation |                      |                                                                                                                                                                                                                                                                                                                                                                                                | 30            |    |                                                        |                                                                                    |                                                                                     |                                                                                |
|    | 2.1                     | Logistics Management | <p>C&amp;I Materials are fragile and require the relevant mode of transportation to avoid damage to goods. With this, the supplier must provide a packaging procedure</p> <p><b>Please attach the following as one document:</b></p> <ol style="list-style-type: none"> <li>1. Proof of Ownership of LDV</li> <li>2. Driver's license of the driver</li> <li>3. Packaging procedure</li> </ol> |               | 10 | <p>No required document attached</p> <p><b>(0)</b></p> | <p>Only one (1) required document included in the attachment</p> <p><b>(2)</b></p> | <p>Only two (2) required documents included in the attachment</p> <p><b>(4)</b></p> | <p>All the required documents included in the attachment</p> <p><b>(5)</b></p> |
|    |                         |                      |                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL:<br>100 |    |                                                        |                                                                                    |                                                                                     |                                                                                |

### 3.5 TET MEMBER RESPONSIBILITIES

Table 5 TET Member Responsibilities

| Mandatory Criteria Number   | TET 1 | TET 2 | TET 3 | TET 4 |
|-----------------------------|-------|-------|-------|-------|
| 1                           | X     | X     | X     | X     |
| 2                           | X     | X     | X     | X     |
| Qualitative Criteria Number | TET 1 | TET 2 | TET 3 | TET 4 |
| 1.1                         | X     | X     | X     | X     |
| 1.2                         | X     | X     | X     | X     |
| 2.1                         | X     | X     | X     | X     |

X – Required Attendance

O – Optional

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### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE RISKS

#### 3.6.1 Risks

**Table 6: Acceptable Technical Risks**

| Risk | Description                                               |
|------|-----------------------------------------------------------|
| 1.   | Alternative solutions with the same or better performance |

**Table 7: Unacceptable Technical Risks**

| Risk | Description                                                  |
|------|--------------------------------------------------------------|
| 1.   | Exclusions of scope specified in the employer's requirements |
| 2.   | Exclusion of the OEM data sheets and drawings                |

#### 3.6.2 Exceptions / Conditions

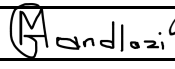
N/A.

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#### 4. AUTHORISATION

This document has been seen and accepted by:

| Name           | Designation                      | Signature                                                                           |
|----------------|----------------------------------|-------------------------------------------------------------------------------------|
| Ntokozo Sibiya | C&I Snr Engineer                 |  |
| Thabo Mampa    | C&I Technician                   |  |
| Thabang Khanye | C&I QC Technician                |  |
| Grace Mandlazi | Senior Advisor Technical Support |  |

#### 5. REVISIONS

| Date      | Rev. | Compiler    | Remarks                                                      |
|-----------|------|-------------|--------------------------------------------------------------|
| June 2025 | 1.0  | N Sibanyoni | TES for Supply of Thermocouples and related components.      |
| May 2026  | 2    | Mlu Nkosi   | TES for bulk purchase of thermocouple and related components |

#### 6. DEVELOPMENT TEAM

Mlungisi Nkosi

Thabi Mampa

#### 7. ACKNOWLEDGEMENTS

None.

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