

Title: **Tender Technical Evaluation Strategy for the Maintenance, Installation & Supply of Spares of the Fire Detection & Protection Equipment at Hendrina Power Station**

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1. INTRODUCTION

This report describes strategy and the technical evaluation criteria for the Maintenance & Supply of Spares of the Fire Detection & Protection Equipment at Hendrina Power Station.

The tender process will be an open tender to the market to ensure transparency and competitiveness.

This evaluation strategy will be developed and used for evaluation of the submitted tenders to gauge accuracy and compliance with the set evaluation criteria to ensure the successful execution of this project.

The technical evaluation will be completed by a technical team that understands the scope and the goal of the project.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document outlines the supplier Technical Evaluation of the Maintenance of the Fire Detection and Protection equipment and covers the different aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) to complete the Technical Evaluation of the enquiry. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

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 Strategy applies to the technical evaluation process that will be followed to evaluate the tender returnable for the Maintenance & Supply of Spares of the Fire Detection & Protection Equipment at Hendrina 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] 32-1034: Eskom Procurement Policy

2.2.2 Informative

The *Contractor* will refer to the latest documents that describe the plant operation and control philosophies:

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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 |
|---------------------|-------------------------------|
| PSU | Power supply unit |
| QC | Quality control |
| QCP | Quality Control Plan |
| QMS | Quality Management System |
| TES | Technical Evaluation Strategy |
| TET | Technical Evaluation Team |
| UPS | Uninterruptible Power Supply |

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

240-48929482: As per Tender Technical Evaluation Procedure and Related/Supporting Documents

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to section 2.2 above

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

To ensure that the tenders are eligible for evaluation, the tenderer shall meet all the mandatory requirements as indicated in Table 3 and the strict adherence to the notes on qualitative technical evaluation criteria that have been detailed in Table 4.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the projects scope of work. A weighted score card (Table 1 below) approach will be used to evaluate the tenders against the Employer's requirements. Final Scores will be calculated and processed to produce a final score out of 5, as seen in Technical Evaluation Score Card.

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

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Table 1: Technical Evaluation Score Card

| SCORE | PERCENTAGE | DESCRIPTION |
|-------|------------|--|
| 5 | 100 | COMPLIANT <ul style="list-style-type: none"> • Tender meets mandatory criteria. • Tender meets technical requirement(s) |
| 4 | 80 | COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> • Tender meets mandatory criteria. • Meet technical requirement(s) |
| 2 | 40 | NON-COMPLIANT <ul style="list-style-type: none"> • Tender meets mandatory criteria • Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions. |
| 0 | 0 | TOTALY DEFICIENT OR NON-RESPONSIVE |

3.2 TET MEMBERS

Table 2: TET Members

| TET number | TET Member Name | Designation |
|------------|-----------------|-------------|
| TET 1 | | |
| TET 2 | | |
| TET 3 | | |
| TET 4 | | |

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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. | Service Technicians registered by SAQCC – Fire (maintainer/commissioner) | CV for Technicians to contain SAQCC-Fire registration certificate with a registration number. This will be confirmed with online SAQCC-Fire registration records | To comply to Eskom Standard 240-56737654 |

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

| | Qualitative Technical Criteria Description | | Reference to Technical Specification / Tender Returnable | Criteria Weighting (%) | Criteria Sub Weighting (%) |
|----|--|--|--|------------------------|----------------------------|
| 1. | Company Experience | | | 50 | |
| | 1.1 | Company's experience on servicing Fire detection and gas suppression systems (>2 YEARS=5, <2 year=2, No experience=0) | Tenderer to provide a list of companies serviced for Fire Detection & Gas suppression with contract start and end dates | | 15 |
| | 1.2 | Company's experience on servicing Ziton ZP3 (Carrier Fire & Security) Fire detection panels. (>2 YEARS=5, <2 year=2, No experience=0) | Tenderer to provide a list of companies serviced Ziton ZP3 Fire detection system with contract start and end dates | | 15 |
| | 1.3 | Company's experience on servicing Maestro Fire detection Intelligent monitoring system. (>2 YEARS=5, <2 year=2, No experience=0) | Tenderer to provide a list of companies serviced for with Maestro Fire panel monitoring system with contract start and end dates. If a third party will be utilised for this, provide similar information from them. | | 10 |

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| | | | | | |
|-----------|-------------------------------|--|---|-------------------|----|
| | 1.4 | Company's experience on servicing Fire detection and gas suppression systems (>2 YEAR=5, <2 year, No experience=0) | Tenderer to provide a list of Eskom sites serviced on Fire detection & Protection. Other non-Eskom sites can be included. | | 10 |
| 2. | CV | | | 40 | |
| | 2.1 | Training of service technicians on Carrier (UTC) Fire & Security Fire Systems - Ziton ZP3 Fire panels | Provide training certificates. Trained = 5, Not trained =0 | | 15 |
| | 2.2 | Training of service technicians on Fire Detection & protection systems | Provide training certificates. Trained = 5, Not trained =0 | | 10 |
| | 2.3 | Training on SANS Standards 10139 | Provide training certificates. Trained = 5 Not trained = 0 | | 10 |
| | 2.4 | Training on SANS Standards 14520 | Provide training certificates. Trained = 5 Not trained =0 | | 5 |
| 3. | Process for Monitoring | | | 10 | |
| | 3.1 | In order to facilitate the maintenance programme, the tenderer to provide a list of documentation the company will use for the servicing the Fire detection and Protection Systems | Documentation > 10 : 5 Documentation 10 > x > 5 : 4 Documentation < 5 : 1 | | 5 |
| | 3.2 | In order to facilitate the maintenance programme, the company to provide a list of documentation the company will use for the servicing of the Ziton ZP3 fire panels and Maestro monitoring station. | Documentation > 10 : 5 Documentation 10 > x > 5 : 4 Documentation < 5 : 1 | | 5 |
| | | | | TOTAL: 100 | |

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

| Mandatory Criteria Number | TET 1 | TET 2 | TET 3 | TET 4 |
|-----------------------------|-------|-------|-------|-------|
| | X | X | X | X |
| | X | X | X | X |
| Qualitative Criteria Number | TET 1 | TET 2 | TET 3 | TET 4 |
| | X | X | X | X |
| | X | X | X | X |
| | X | X | X | X |
| | X | 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. | N/A |
| 2. | |
| 3. | |

Table 7: Unacceptable Technical Risks

| Risk | Description |
|------|---|
| 1. | The company is unable to render servicing of Ziton ZP3 Fire detection panels, Maestro and gas Fire Protection systems |
| 2. | |
| 3. | |
| 4. | |

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3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

| Risk | Description |
|------|-------------|
| 1. | N/A |
| 2. | |
| 3. | |

Table 9: Unacceptable Technical Exceptions / Conditions

| Risk | Description |
|------|-------------|
| 1. | N/A |
| 2. | |

4. AUTHORISATION

This document has been seen and accepted by:

| Name | Designation |
|------|-------------|
| | |
| | |
| | |
| | |

5. REVISIONS

| Date | Rev. | Compiler | Remarks |
|--------------|------|----------|---|
| October 2024 | 0 | | Original Strategy Document |
| April 2025 | 1 | | Included Installation on the previous version |

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

N/A

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