| Eskom | **Strategy** | **Engineering** |
|---|---|---|

| | | | |
|---|---|---|---|
| Title: | **Tender Technical Evaluation Strategy for The Provision of Hydrogen Plant Maintenance Services at Hendrina Power Station on an "As and When Required" Basis for a period of 60 months** | Unique Identifier: | |
| | | Alternative Reference Number: | **N/A** |
| | | Area of Applicability: | **Hydrogen Plant** |
| | | Documentation Type: | **Strategy** |
| | | Revision: | **0** |
| | | Total Pages: | **13** |
| | | Next Review Date: | **N/A** |
| | | Disclosure Classification: | **CONTROLLED DISCLOSURE** |

## CONTENTS PAGE



## TABLES

## 1. INTRODUCTION

The Hydrogen Generating Plant at Hendrina has no redundancy and it is vital to ensure that the plant is always available and reliable. This plant must be maintained via a servicing contract by a trained and authorized representer.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

To execute six monthly, yearly as well as the three-yearly services on the Hydrogen Plant at Hendrina for five years.

#### 2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Technical 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 Hendrina Power Station Hydrogen Plant five years' service contract.

### 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 and Supply Chain Management Procedure

#### 2.2.2 Informative

N/A

## 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 |
|---|---|
| H2 | Hydrogen |
| TET | Technical Evaluation Team |

## 2.5 ROLES AND RESPONSIBILITIES

**Engineering Manager**: All Engineering Managers throughout Eskom shall ensure that all staff, in their respective areas understand and adhere to this procedure.

**Engineering Design Work Lead (EDWL)**: The EDWL is responsible to manage the execution and adherence to this procedure. Typically, on New Build projects the EDWL role is fulfilled by the Lead Discipline Engineer (LDE) and on existing asset projects the EDWL role is fulfilled by the relevant System Engineer / Plant Engineer.

**Technical Evaluation Team (TET) member**: The delegated engineers / technical specialists who are responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

## 2.6 PROCESS FOR MONITORING

240-48929482: Tender Technical Evaluation Procedure

## 2.7 RELATED/SUPPORTING DOCUMENTS

N/A

## 3. TENDER TECHNCIAL EVALAUTION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

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

**Table 1: Qualitative Evaluation Criteria Scoring Table**

| Score | (%) | Definition |
|---|---|---|
| 5 | 100 | **COMPLIANT**<br>• Meet technical requirement(s) AND.<br>• No foreseen technical risk(s) in meeting technical requirements. |
| 4 | 80 | **COMPLIANT WITH ASSOCIATED QUALIFICATIONS**<br>Meet technical requirement(s) with.<br>• Acceptable technical risk(s) AND/OR.<br>• Acceptable exceptions AND/OR.<br>• Acceptable conditions. |
| 2 | 40 | **NON-COMPLIANT**<br>• Does not meet technical requirement(s) AND/OR.<br>• Unacceptable technical risk(s) AND/OR.<br>• Unacceptable exceptions AND/OR.<br>• Unacceptable conditions. |
| 0 | 0 | **TOTALLY DEFICIENT OR NON-RESPONSIVE** |
| **Note 1:** The scoring table does not allow for scoring of 1 and 3.<br>**Note 2**: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy. | | |

### 3.2 MANADATORY TECHNICAL EVALUATION CRITERIA

**Table 2: Mandatory Technical Evaluation Criteria**

| Category | Source Evidence | Reason for Requirement |
|---|---|---|
| CERTIFICATION TO LEGALLY EXECUTE WORK ON A HAZARDOUS LOCATION | **Proof of certification** | The Hydrogen plant is classified as a Hazardous Location and there are certain criteria to legally execute any work in such areas. Any potential Contractor must be certified to execute work on such a plant to be considered for the contract. |

### 3.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 3: Qualitative Technical Evaluation Criteria**

| | Qualitative Technical Criteria Description | | Reference to Technical Specification / Tender Returnable | Criteria Weighting (%) | Criteria Sub Weighting (%) |
|---|---|---|---|---|---|
| **1.** | **Criteria 1: Company Experience** | | | **35** | |
| | **1.1** | **Proof of experience in maintenance of Hydrogen Plant (as defined in the scope of work).**<br><br>Scoring Criteria:<br>• X ≥ 5 number of completed work = **5 points (35)**<br>• 2< X ≤ 4 number of completed work = **4 points (28)**<br>• 0< X ≤ 2 number of completed work = **2 points (14)**<br>• X = 0 number of completed work = **0 points (0)**<br><br>*Note: 'x' is the number of completed work. | **Signed**, contract and/or signed assessments of previous work of similar scope with the following information:<br><br>Name of company where work was executed, Project,<br><br>Description, Contract period & Contact person.<br><br>NB!! PO number without the PO document will not be accepted | | 35 |

| | Qualitative Technical Criteria Description | | Reference to Technical Specification / Tender Returnable | Criteria Weighting (%) | Criteria Sub Weighting (%) |
|---|---|---|---|---|---|
| **2.** | **Criteria 2: Key Individuals Responsible for Contract Work** | | | **30** | |
| | **2.1** | **Site Manager: Copy of CV and Technical National Diploma (NQF 6) with experience of 5 years'.**<br><br>Scoring criteria:<br>• X ≥ 5 years of experience = **5 points (10)**<br>• 3< X ≤ 5 years of experience = **4 points (8)**<br>• 0< X ≤ 3 years of experience = **2 points (4)**<br>• X = 0 years of experience = **0 points (0)**<br><br>*Note: x' is the number of years of experience | **Certified** copy of certificate (certified within 3 to 6 months of the closing date) and CV showing years of experience with traceable references. | | 10 |
| | **2.2** | **Supervisor: Minimum N3 technical qualification and Trade test including 3 years' post trade test experience**<br><br>Scoring criteria:<br>• X ≥ 3 years of experience = **5 points (10)**<br>• X = 2 years of experience = **4 points (8)**<br>• X = 1 years of experience = **2 points (4)**<br>• X = 0 years of experience = **0 points (0)**<br><br>*Note: x' is the number of years of experience. | **Certified** copy of certificate (certified within 3 to 6 months of the closing date) and CV showing years of experience with traceable references. | | 10 |
| | **2.3** | **Artisan: Minimum N3 technical qualification and Trade test including 3 years' post trade test experience**<br><br>Scoring criteria: | **Certified** copy of certificate (certified within 3 to 6 months of the closing date) and CV showing years of | | 10 |

| | | | | | |
|---|---|---|---|---|---|
| | | • X ≥ 3 years of experience = **5 points (10)**<br>• X = 2 years of experience = **4 points (8)**<br>• X = 1 years of experience = **2 points (4)**<br>• X = 0 years of experience = **0 points (0)**<br><br>*Note: x' is the number of years of experience. | experience with traceable references. | | |
| | **Criteria 3: Method Statement** | | | **25** | |
| **3.** | **3.1** | **Provide detailed method statement of the maintenance work as defined in the scope of work:**<br><br>• Not submitted or related to the scope of work **= 0 points**<br>• Method statement is basic, vague, or does not cover most of the scope of work = **2 points**<br>• Method statements is clear, has minimal errors, and covers majority of the scope of work **= 4 points**<br>• Method statement is clearly defined, detailed, comprehensive and cover the full scope of work **= 5 points** | Detailed method statement must include, but not limited to frequency, resources required, estimated time, resource planning. | | 25 |
| **4.** | **Criteria 4: Quality Control Plan** | | | **10** | |
| | **4.1** | **Quality Control Plan (QCP) Showing all the points for maintenance activities**<br><br>Scoring criteria:<br>• QCP includes all necessary steps to evaluate quality and includes reference to supporting documents and intervention points (i.e. hold, witness etc.) = **5 Points**<br>• QCP is generic (does not include all steps) = **3 Points**<br>• QCP is not submitted, or documents submitted does not qualify as QCP = **0 Points (0)** | Drafted QCP indicating all hold points and steps taken to ensure that quality is controlled during delivery of the maintenance activities. | | 10 |

#### 3.3.1.1 Exceptions / Conditions

**Table 4: Acceptable Technical Exceptions / Conditions**

| Risk | Description |
|---|---|
| 1. | If the Contractor has no experience, but they can proof that they will use a competent sub-Contractor with experience it will be taken into consideration, provided that they submit all required proof. |
| 1. | If the Contractor has not completed any similar services, but they can proof that they will use a competent sub-Contractor with experience it will be taken into consideration, provided that they submit all required proof. |

**Table 5: Unacceptable Technical/Mandatory Exceptions / Conditions**

| Risk | Description |
|---|---|
| 1. | It will by unacceptable if they cannot proof that the executer, whether it be the main Contractor or a sub-Contractor, is trained and authorized to work on a Hydrogen plant (High explosion risk). |