

| | | |
|---|---------------|-------------------|
|  | Report | Technology |
|---|---------------|-------------------|

| | | | |
|---------------|--|--------------------------------------|------------------------------|
| Title: | Technical Evaluation Criteria for the Full Rewinding and Testing of Transformers (From 500kVA to 5MVA) And NECRT's Up To 33kV in LimLanga Cluster | Unique Identifier: | 240 – 147757439 |
| | | Alternative Reference Number: | N/A |
| | | Area of Applicability: | Engineering |
| | | Documentation Type: | Report |
| | | Revision: | 1 |
| | | Total Pages: | 25 |
| | | Next Review Date: | N/A |
| | | Disclosure Classification: | CONTROLLED DISCLOSURE |

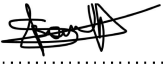
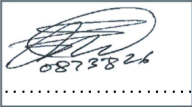

| | | |
|---|---|---|
| Compiled by | Functionality Responsibility | Authorised by |
|  |  |  |
| Boreman Risiva | Elias Mahlangu | Mmedi Motaung |
| Technologist | Manager | Manager |
| Standards Implementation | PPM | Standards Implementation |
| Date: 13 May 2024 | Date: 20/05/2024 | Date: 02/06/2024 |

TABLE OF CONTENTS

| | |
|--|-----------|
| 1 INTRODUCTION | 4 |
| 2 SUPPORTING CLAUSES..... | 4 |
| 2.1SCOPE | 4 |
| 2.1.1 Purpose | 4 |
| 2.1.2 Applicability | 4 |
| 2.2NORMATIVE / INFORMATIVE REFERENCES..... | 4 |
| 2.2.1 Normative..... | 4 |
| 2.2.2 Informative | 4 |
| 2.3DEFINITIONS..... | 5 |
| 2.3.1 Disclosure Classification | 5 |
| 2.4ABBREVIATIONS..... | 5 |
| 2.5ROLES AND RESPONSIBILITIES..... | 5 |
| 2.6PROCESS FOR MONITORING..... | 5 |
| 2.7RELATED / SUPPORTING DOCUMENTS..... | 5 |
| 3 PROJECT BACKGROUND AND SCOPE OF WORK | 5 |
| 3.1BACKGROUND | 5 |
| 3.2SCOPE OF WORK..... | 6 |
| 4 TENDER TECHNICAL EVALUATION STRATEGY | 7 |
| 4.1TENDER TECHNICAL EVALUATION THRESHOLD | 7 |
| 4.2TECHNICAL EVALUATION PROCESS..... | 7 |
| 4.2.1 Stage 1: Desktop Evaluation..... | 7 |
| 4.2.2 Stage 2: Practical / Factory Assessment | 8 |
| 4.2.3 Stage 4: Contractual Requirements | 8 |
| 4.3TET MEMBERS..... | 8 |
| 4.4TECHNICAL EVALUATION REPORT | 8 |
| 5 TENDER TECHNICAL REQUIREMENTS | 9 |
| 5.1DESKTOP REQUIREMENTS | 9 |
| 5.1.1 Mandatory Requirements..... | 9 |
| 5.1.2 Functional Requirements | 10 |
| 5.1.3 Training requirements & Accreditations | 10 |
| 5.1.4 Company Work Related Experience Requirements | 11 |
| 5.1.5 Vehicles Requirements | 12 |
| 5.1.6 Tools and Equipment Requirements..... | 13 |
| 5.2PRACTICAL / FACTORY ASSESSMENT REQUIREMENTS | 14 |
| 5.3CONTRACTUAL REQUIREMENTS | 15 |
| 6 AUTHORISATION..... | 15 |
| 7 REVISIONS | 16 |
| 8 DEVELOPMENT TEAM | 16 |
| ANNEXURE A: MANDATORY REQUIREMENTS TENDERER RESPONSE FORM | 17 |
| ANNEXURE B: VEHICLE LIST / REGISTER..... | 18 |
| ANNEXURE C: TOOLS & EQUIPMENT LIST / REGISTER..... | 19 |

List of Tables

| | |
|---|----|
| Table 1: Qualitative Technical Evaluation – Overall | 7 |
| Table 2: Mandatory Requirements | 9 |
| Table 3: Functional Requirements - Overall | 10 |
| Table 4: Training Requirements & Accreditations | 10 |
| Table 5: Work Related Experience Requirements | 11 |
| Table 6: Vehicle requirements | 12 |
| Table 7: Tools & Equipment Requirements | 14 |
| Table 8: Technical Contractual Requirements | 15 |

1 INTRODUCTION

This document provides an overview of the technical evaluation criteria to be used when evaluating tender enquiry submissions for full rewinding and testing of transformers up from 500kVA to 5MVA and NECRT's up to 33kV, for the technical evaluation in Limlanga Cluster. It has annexes developed to address various aspects required to perform technical evaluations. This document contains both the evaluation criteria used for desktop and practical evaluation.

2 SUPPORTING CLAUSES

2.1 Scope

This document contains the technical evaluation criteria and associated documents relating to Eskom full rewinding and testing of transformers up from 500kVA to 5MVA and NECRT's up to 33kV for the technical evaluation in Limlanga Cluster.

2.1.1 Purpose

The purpose of this document is to define the technical evaluation criteria that Eskom will use to evaluate tenders received for the technical evaluation for the full rewinding and testing of transformers up from 500kVA to 5MVA and NECRT's up to 33kV enquiry for the technical evaluation in Limlanga Cluster.

2.1.2 Applicability

This document shall apply to the Limlanga Cluster.

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] ISO 9001 Quality Management Systems.
- [2] 240-48929482 Tender Technical Evaluation Procedure

2.2.2 Informative

- [3] 240-65216748- Test Procedure for Power Transformers
- [4] 240-68701233- Dismantling / Decanting Transformer
- [5] PPM Quality Check/Repair Process
- [6] Rotek and Roshcon document H-1541 (Rev 0); Transformer and Switchgear Services Engineering Scope of Wo

2.3 Definitions

| Definition | Description |
|-------------------|---|
| Tender | Refers to a written or virtual competitive offer, quotation, proposal or expression of interest made by a Supplier, in a prescribed form according to the enquiry, in response to an enquiry for the provision of assets, goods, works or services, and/or Investment Recoveries. |

2.3.1 Disclosure Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 Abbreviations

| Abbreviation | Description |
|---------------------|--|
| PPM | Primary Plant Maintenance |
| NECRT | Neutral Electromagnetic Coupler with Neutral Earthing resistor with an auxiliary transformer |
| SI | Standard and Implementation |
| TET | Technical Evaluation Team |

2.5 Roles and Responsibilities

The appointed Limlanga Cluster Technical Evaluation Team (TET) will use this document to evaluate tenders. The Limlanga Cluster Technical Team will be led by SI, Plant Risk and PPM.

2.6 Process for Monitoring

Not applicable.

2.7 Related / Supporting Documents

Not applicable.

3 PROJECT BACKGROUND AND SCOPE OF WORK

3.1 Background

Currently the maintenance of these transformers and NECRT's are being done by PPM (Limlanga Cluster) in accordance with the following documentation:

- 240-65216748- Test Procedure for Power Transformers
- 240-69387838- Maintenance Standard for Power Transformers and Reactors (>1MVA and >1000V)
- 240-68701233- Dismantling / Decanting Transformer
- PPM Quality Check/Repair Process

PPM (Limlanga Cluster) have two sections that carry out the tasks stipulated in these documents, one section is responsible for the on-site inspections and maintenance and the other is called upon to carry out the auxiliary maintenance. The auxiliary maintenance section consists of three working teams. Due diligence is taken in identifying transformers and NECRT's that require full rewinding, by contacting Plant (Limlanga Cluster) once the transformer or NECRT is stripped. Plant (Limlanga Cluster) then factors in the unit's life - span (age-analysis is considered) and conducts a feasibility study to determine whether replacement or repair would be required.

With the increase in failures and / or periodic maintenance and repairs that is required for transformers and NECRT's, PPM (Limlanga Cluster) is unable to fulfil this mandate due to limited resources. The Limlanga Cluster does not have the equipment to conduct full rewinding of the transformers and NECRT's.

3.2 Scope of Work

- Once a Task Order is issued:
- To collect and transport identified units from Eskom Limlanga Cluster various site to the contractors' workshop in accordance with 240-56178825; Requirements for Transportation and Movement of Large Electrical Equipment Standard.
- Engage with Eskom Limlanga Cluster to conduct site visit and confirm findings prior to quotation being issued.
- Based on findings conduct tasks as stipulated in Appendix A: Scope of Work.
- Engage with Eskom Limlanga Cluster to witness final testing.
- To return the identified unit back to Eskom Limlanga Cluster site once the unit has passed all associated tests after full rewinding. In accordance with 240-56178825; Requirements for Transportation and Movement of Large Electrical Equipment Standard.
- Provide weekly status feedback report to be sent to Eskom Limlanga Cluster contract owner throughout the service period.
- Schedule on-site meetings as and when required by either party, a notification thereof to be provided within a reasonable period.

4 TENDER TECHNICAL EVALUATION STRATEGY

This section details the methodology to be employed by Eskom in scoring the “Technical” category of the tender evaluation. This evaluation exercise is performed by the appointed Eskom Technical Evaluation Team (TET).

4.1 Tender Technical Evaluation Threshold

Tenderers needs to meet all the requirements for desktop mandatory evaluations in order to proceed to the next stage, i.e. functional evaluations. The minimum weighted final score (threshold) required for a tender to be deemed compliant is **ninety (90%) percent** for desktop functional evaluations and **ninety (90%) percent** for practical / factory assessment.

4.2 Technical Evaluation Process

The evaluation process has three main stages namely Desktop Evaluation, Practical / Factory Assessment and Contractual Evaluations. The minimum threshold for desktop evaluations and practical /factory assessment will be **ninety (90%) percent**. The overall weighting for functional technical evaluation is shown in 1 below:

Table 1: Qualitative Technical Evaluation – Overall

| Criteria | Qualitative Technical Criteria Description | Criteria Weighting (%) | Criteria Sub-Weighting (%) |
|-----------------|---|-------------------------------|-----------------------------------|
| A | Desktop Evaluation | 90 | |
| A1 | Training Requirements & Qualifications | | 20% |
| A2 | Company Work Related Experience | | 30% |
| A3 | Vehicles | | 15% |
| A4 | Tool & Equipment | | 35% |
| B | Practical Evaluation | 90 | |
| B1 | On-site verification of all vehicles and tools & equipment as listed in section 5.1.5 and 5.1.6 . | | 105 |

4.2.1 Stage 1: Desktop Evaluation

This stage will be divided into two levels of desktop evaluations namely Level 1: Mandatory Evaluations and Level 2: Functional Evaluations.

Level 1: Mandatory Evaluations – This will be the evaluation of the mandatory requirements listed in table 2 below. Full compliance is required, i.e., tenderers need to meet all the requirements to proceed to the next stage, i.e. functional requirements evaluations. Tenders failing to meet any of the

mandatory requirements will be deemed non-responsive and will not proceed to the next evaluation stage.

Level 2: Functional Evaluations - This will be a desktop evaluation of the functional requirements ONLY. Tenderers need to obtain a minimum threshold score of **ninety (90%) percent** to proceed to the next stage, i.e., Practical / Factory Assessment. Tenderers who fail to meet this minimum threshold will not be evaluated further.

4.2.2 Stage 2: Practical / Factory Assessment

Tenderers that meet the minimum threshold of Stage 1 will undergo an on- practical / factory assessment before the final Technical Evaluation report is submitted to Procurement. Practical assessment, Vehicles and Tools & Equipment will be verified during this stage. Tenderers to obtain a minimum of **ninety (90%) percent** pass this stage.

If any information provided during the desktop evaluation is found to be fraudulent and / or inaccurate during the verification process, Eskom reserves the right to disqualify the tenderer from the tender or rectify the desktop score accordingly.

4.2.3 Stage 4: Contractual Requirements

Full compliance is required before the tender can be awarded. Non-compliance at any stage shall lead to immediate disqualification.

4.3 TET Members

TET members will be formally appointed by Limlanga Cluster Procurement Department and must be available for the complete evaluation process.

| No. | TET Member Name | Designation | Evaluation Responsibilities | |
|-----|--------------------|-----------------------------------|-----------------------------|-----------|
| | | | Desktop | Practical |
| 1 | As per appointment | PPM: Senior Supervisor | X | X |
| 2 | As per appointment | Plant Risk Analyst | X | X |
| 3 | As per appointment | OU Specialist (if applicable) | X | X |
| 4 | As per appointment | Standards Implementation Engineer | X | X |

4.4 Technical Evaluation Report

The final report detailing the evaluation process as well as the overall results of those who passed and failed with the corresponding reasons will be compiled and handed over to Procurement. The following should be noted about the report:

- a. This report and any actions that are listed or recommended as a result of this assessment, is by no means a confirmation or guarantee that any contract will be entered into by Eskom and the Tenderer.
- b. Any actions undertaken by the Tenderer as a consequence of this report is for the Tenderers account. Any liability for the said actions undertaken by the Tenderer is not transferrable to Eskom in any way.
- c. The TET has no authority or responsibility in the decision taken by Eskom with respect to contracting for a product or service.
- d. Any statements, intentions and/or actions expressed by the TET during the assessment and post the assessment has no effect and does not constitute any liability to Eskom with regards to contract placement.

5 TENDER TECHNICAL REQUIREMENTS

The requirements are divided into two (2) categories namely Desktop Requirements and Practical / Factory Assessments and each is described on the sections below. Desktop Requirements are further sub-divided into two levels namely Mandatory Requirements as well as Functional Requirements.

NB: The technical returnable must be contained in a separate technical file or as a section in a file labelled technical and indexed in a logical manner.

5.1 Desktop Requirements

This will be a desktop requirements for both mandatory and the functional requirements. These requirements are detailed in sections below.

5.1.1 Mandatory Requirements

Mandatory Requirements are listed in table 2 below. These are documents not required for functionality scoring. There will be no scoring linked to these requirements, the evaluator shall indicate with a **Yes / No** whether the requirement is met or not. Once the requirements are satisfied through an evaluation conducted by the evaluator, the technical evaluation for functionality evidence will proceed otherwise the submission will be deemed non-responsive and will not proceed to the next evaluation stage.

Table 2: Mandatory Requirements

| No. | Criteria | Evidence Required | Evidence Notes |
|------------|--|---|--|
| 1 | Letter of Registration as Electrical Contractor (DoL). | Valid (at the time of submission) Department of Labour Certificate (Letter of Registration) in your Company Name. | The DoL Letter must be in company name or company director's name and the registration must be valid (Not expired not forged). |

| | | | |
|---|---------------------------------------|--------------------------|---|
| | | | The Letter does not need to be certified. |
| 2 | Appointed Transformer Design Engineer | Associated accreditation | Ensure regulatory compliance |

5.1.2 Functional Requirements

The requirements for this stage are listed in table 3 below. In order for Eskom to proceed with the practical evaluation, the Tenderer must pass the functional evaluation.

The tenderer needs to obtain a minimum threshold score of **ninety (90%) percent** to proceed to the next stage, i.e., Practical / Factory Assessment. Tenderers who fail to meet this minimum threshold will not be evaluated further.

If the Tenderer passes the desktop evaluation and the presented / proposed method statement fail the practical evaluation, the Tenderer will be declared as not compliant to Eskom requirements to replace the communication link.

Table 3: Functional Requirements - Overall

| Item | Description | Weight |
|--------------------------------|--|--------|
| Functional Requirements | | |
| 1. | Training Requirements & Qualifications | 20% |
| 2 | Company Work Related Experience | 30% |
| 3 | Vehicles | 15% |
| 4 | Tool & Equipment | 35% |

5.1.3 Training requirements & Accreditations

This section stipulates the training, qualification and accreditation requirements for transformer maintenance services providers. The training requirements have been listed in **Table 4** below.

Table 4: Training Requirements & Accreditations

| No | Requirements | Evidence required | Evidence notes | Min Qty | Max Score |
|--|-------------------------------|---|--|---------------------|-----------|
| | Crane truck operator training | Submit valid training certificate / authorisation | Certificates must be certified by the commissioner of oaths and not older than six (6) months from tender closing date. Certificate must be valid at tender closing date i.e., not expired. | X1 | 10 |
| | Sling and/or lift gear test | Submit valid Lifting Gear Certificate | Certificates must be certified by the commissioner of oaths and not older than six (6) months from tender closing date. Certificate must be valid at tender closing date i.e., not expired. | X1 | 10 |
| TOTAL POINTS | | | | | 20 |
| Scoring methodology | | | | Allocated Score (%) | |
| Correct, valid and certified certificate submitted. | | | | 100 | |
| Correct, valid but not certified certificate submitted. | | | | 80 | |
| Certificate not submitted / certificates submitted is expired. | | | | 0 | |
| The final score for training requirements & accreditations will be calculated by the formula below: $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 20\%$ Notes: Certified copies submitted must not be older than six (6) months from the tender closing date. Certificate must be valid at tender closing date. | | | | | |

5.1.4 Company Work Related Experience Requirements

This section stipulates minimum company work related experience in transformer maintenance as per scope of work, to enable Eskom LimLanga Cluster to identify the risk associated with using incompetent / inexperienced services providers for a critical task such as transformer maintenance. The tenderer is expected to demonstrate experience as depicted in **Table 5** below.

Table 5: Work Related Experience Requirements

| Item No | Requirements | Evidence Required | Qty | Max. Score |
|---------|--|---|-----|------------|
| 1 | Previous Related Transformer Rewinding and Testing Contracts * | The tenderers to attach the Completion Certificates / Reference Letters for each completed project. (The completion certificate must include minimum requirements such as project name, high level scope of work, client name, contractor name, start date, end | x3 | 30 |

| Item No | Requirements | Evidence Required | Qty | Max. Score |
|--|--------------|---|-----|------------|
| | | date, task/project value and signature). It must also stipulate the completion date. 10% Score per each completed related Transformer Maintenance Project. | | |
| TOTAL POINTS | | | | 30 |
| The final score for related work experience will be calculated by the formula below: $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 30\%$ | | | | |

5.1.5 Vehicles Requirements

Vehicle requirements for transformer maintenance contract are listed in **Table 6** below. The evidence required on this table should be provided utilising an Eskom format / template provided in **Annexure B: Vehicles List / Register** to be considered and shall be accompanied by relevant vehicle registration certificate/s as per **Table 6**. This list / register will also be used for practical / factory assessment as well. Vehicle List / Register must be completed in full and signed by the tenderer. Complete the following columns on **Annexure B**:

- Column C : to indicate the quantities of vehicle owned or to be hired,
- Column D : vehicle make; and
- Column E : registration number.

Important Notice:

- Certified copies of the vehicle registration document/s or equivalent document (not just the license disc) shall be submitted as proof of ownership. Registration documents shall bare the company name or owner(s) / director's name.
- Sharing of resources amongst contractor or contractor sharing resources i.e., Tools, Vehicles and Certificates is not allowed in this contract and if a company is found to do so, it will be disqualified.

Table 6: Vehicle requirements

CONTROLLED DISCLOSURE

| Item No. | Requirement/s | Evidence Required | Evidence Notes | Min Qty | Max. Score |
|--|--|---|---|---------------------|------------|
| 1. | Vehicle fit for purpose, that must be able to transport a max of 20 ton or less (flat-bed) for 4&5MVA and 500kg - 10 ton | Submit valid vehicle registration document/s (not just the license disc). Registration documents shall bare the company name or owner(s)/director's name. | Certificates must be certified by the commissioner of oaths and not older than six (6) months from tender closing date. | x1 | 20 |
| TOTAL POINTS | | | | | 20 |
| Scoring methodology for Vehicles | | | | Allocated Score (%) | |
| Eskom template for Vehicle list / register submitted and vehicles owned, and all relevant documentation has been provided and certified. | | | | 100 | |
| Eskom template for Vehicle list / register submitted and vehicles owned but not all relevant documentation has been provided and / or not certified. | | | | 80 | |
| Eskom template for Vehicle list / register submitted and vehicles will be hired with all relevant documentation has been provided. | | | | 50 | |
| Eskom template for Vehicle list / register submitted and vehicles will be hired but quantities of vehicles to be hired are not indicated on the agreement / contract | | | | 40 | |
| Eskom template for Vehicle list / register not utilised or nothing submitted | | | | 0 | |
| The final score for related vehicles will be calculated by the formula below: | | | | | |
| $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 15\%$ | | | | | |

5.1.6 Tools and Equipment Requirements

Tools & Equipment for transformer maintenance service providers are listed in **Table 7** below. The evidence required on this table should be provided as per an Eskom template provided in **Annexure C: Tools & Equipment List / Register for Transformer Maintenance**. Completes columns C and D.

Please complete Annexures C to indicate the quantities of tools and equipment the company has. The list / register must be completed in full and signed by the tenderer.

- Tools and equipment will be evaluated based on the tools register (Annexure C) submitted by the tenderers and it must be in the Eskom format provided (Annexure C).
- Calibration and test certificates (where required / necessary) for tools and equipment are NOT required at tendering stage but shall be required at Tender award stage / Contractual Stage

Note: Sharing of resources amongst contractor or contractor sharing resources in i.e., Tools, Vehicles and Certificates is not allowed in this contract and if a company is found to do so, it will be disqualified.

Table 7: Tools & Equipment Requirements

| Item | Equipment Description | Calibration Required? (Yes / No) | Min Qty | Max. Score |
|---|---|----------------------------------|---------|------------|
| 1 | Electrical and Mechanical toolbox | No | X1 | 5 |
| 2 | Transformer Coil Rewind machine | No | X1 | 10 |
| 3 | Transformer Dry-Out oven | No | X1 | 10 |
| 4 | Pressure Testing Bay (Electrical Tests) | No | X1 | 10 |
| 5 | Transformer oil testing equipment | No | X1 | 10 |
| 6 | Overhead crane (20ton) | No | X1 | 5 |
| 7 | Slings to be able to withstand 20 ton | No | X1 | 10 |
| 8 | Pressure Tester | Yes | X1 | 10 |
| 9 | Electrical Tester with the ability to do Ratio and vector group; Magnetization; Impedance Resistance and Insulation resistance tester.(e.g. CPC 100 or other) | Yes | X1 | 10 |
| 10 | Oil Tester for Dielectric and Moisture | Yes | X1 | 10 |
| TOTAL POINTS | | | | 90 |
| <p>The final score for tools & equipment will be calculated by the formula below:</p> $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 35\%$ | | | | |

5.2 Practical / Factory Assessment Requirements

The practical / factory requirements will include an on-site visit to the tenderers premises to verify and confirm all requirements submitted in 5.1.2.

Tenderers that meet the minimum threshold of Stage 1 will undergo an on- practical / factory assessment before the final Technical Evaluation report is submitted to Procurement. Practical assessment, Vehicles and Tools & Equipment will be verified during this stage. Tenderers to obtain a minimum of ninety (90%) percent to pass this stage.

If any information provided during the desktop evaluation is found to be fraudulent and / or inaccurate during the verification process, Eskom reserves the right to disqualify the tenderer from the tender or rectify the desktop score accordingly.

5.3 Contractual Requirements

These requirements shall be met prior to tender award as they have been identified as important for the scope of substation construction. Although this will not form part of the desktop evaluation, these may be submitted during the tender stage. Compliance to these requirements needs to be met and verified prior to tender awarding stage (see **Table 8**).

There will be no scoring linked to these requirements. Only "Yes" or "No" answers will be allocated, and the required outcome is for the tenderer to have "Yes" for all Technical Contractual Requirements listed to achieve full compliance.

It should be noted that if any of these requirements takes significant time to achieve (if not in place) and submitted to Procurement, it will lead to unnecessary delays in a contract being awarded to those specific contractor/s.

Table 8: Technical Contractual Requirements

| No. | Requirements | Evidence Required | Evidence Notes | Yes / No |
|-----|--------------------------|---|--|----------|
| 1 | PDE SCOT Website Access | Submit letter showing username and password | Contractors need to subscribe to the PDE Website to get the latest Eskom standards and drawings. Access outside Eskom - https://scot.eskom.co.za The confirmation of access Letter should be valid at the time it gets submitted. | |
| 2 | Calibration Certificates | Submit calibration certificates for tools & equipment number 8 to 10 listed on Table 7 . | Certificates must be certified by the commissioner of oaths and not older than six (6) months from tender closing date. Certificate must be valid at tender closing date i.e., not expired. | |

6 AUTHORISATION

This document has been seen and accepted by:

| No. | Name & Surname | Designation |
|-----|----------------|---|
| 1 | Elias Mahlangu | PPM Manager |
| 2 | Vusi Cindi | Specialised Maintenance & Support Manager |

| | | |
|---|-------------------|---|
| 3 | Musa Mabila | Senior Manager - Maintenance & Operations |
| 4 | Pravind Orrie | Senior Manager – Asset Creation |
| 5 | Anton Kotze | Senior Manager – Business Enablement |
| 6 | Koena Moholola | Commercial Manager |
| 7 | Madimetja Phalane | Procurement Manager |

7 REVISIONS

| Date | Rev | Compiler | Remarks |
|-------------|------------|-----------------|----------------|
| June 2019 | 1 | Joel Magabe | First Issue |
| March 2024 | 2 | Boreman Risiva | Second Issue |

8 DEVELOPMENT TEAM

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

- Joel Magabe
- Boreman Risiva
- Hennie Van Der Berg

ANNEXURE A: MANDATORY REQUIREMENTS TENDERER RESPONSE FORM

| Company Name: | | | | |
|--|--|---|---|-------------------------------|
| No. | Criteria | Evidence Required | Evidence Notes | Submitted (Yes/No) |
| 1 | Letter of Registration as Electrical Contractor (DoL). | Valid (at the time of submission) Department of Labour Certificate (Letter of Registration) in your Company Name. | The DoL Letter must be in company name or company director's name and the registration must be valid (Not expired not forged). The Letter does not need to be certified. | |
| 2 | Appointed Transformer Design Engineer | Associated accreditation | Ensure regulatory compliance | |
| 3 | Completed schedule to be submitted. | Schedule A&B, as per Table 3. | Schedule A&B stipulates scope specific requirements. | |
| <p>Company Representative to authenticate this form:</p> <p>I, _____ (Name of representative) hereby confirm that the Gatekeepers listed above have been completed and submitted by</p> <p>_____ (Company name).</p> <p>Signature: _____ Date _____</p> | | | | |

ANNEXURE B: VEHICLE LIST / REGISTER

| A | B | C | D | E | F |
|---|--|----------|--------------|---------------------|------------|
| Item No. | Vehicle | Min Qty. | Vehicle Make | Registration Number | Max. Score |
| 1. | Vehicle fit for purpose, that must be able to transport a max of 20 ton or less (flat-bed) for 4&5MVA and 500kg - 10 ton | | | | |
| TOTAL POINTS | | | | | |
| <p>Note: the tenderer will obtain a point for each LDV</p> <p>The final weighted score for Vehicles will be calculated by the formula below:</p> $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 15\%$ | | | | | |
| <p>I hereby confirm that the list above, as per Annexure D, is a true reflection of the Vehicles owned or hired by my company.</p> <p>Name : _____ (Company Owner)</p> <p>Signature : _____ (Company Owner)</p> <p>Date : _____</p> | | | | | |

ANNEXURE C: TOOLS & EQUIPMENT LIST / REGISTER

| A | B | C | D | E |
|---|---|---|--------------------|-----------------------|
| Item | Equipment Description | Calibration Required? (Yes / No) | Min Qty | Max. Score |
| 1 | Electrical and Mechanical toolbox | | | |
| 2 | Transformer Coil Rewind machine | | | |
| 3 | Transformer Dry-Out oven | | | |
| 4 | Pressure Testing Bay (Electrical Tests) | | | |
| 5 | Transformer oil testing equipment | | | |
| 6 | Overhead crane (20ton) | | | |
| 7 | Slings to be able to withstand 20 ton | | | |
| 8 | Pressure Tester | | | |
| 9 | Electrical Tester with the ability to do Ratio and vector group; Magnetization; Impedance Resistance and Insulation resistance tester.(e.g. CPC 100 or other) | | | |
| 10 | Oil Tester for Dielectric and Moisture | | | |
| TOTAL POINTS | | | | |
| <p>The final score for tools & equipment will be calculated by the formula below:</p> $Final\ Score = \frac{Tenderer\ Score}{Total\ Points} \times 35\%$ | | | | |