

 Eskom	Strategy	Generation
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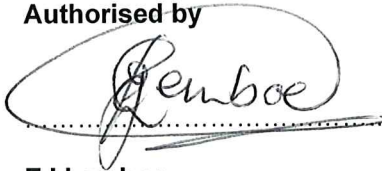
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1. INTRODUCTION

This document describes how tenders received for the refurbishment and repairs of MV induction motors and perform onsite technical support service required by Matimba Power Station will be technically evaluated and scored. 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. SUPPORTING CLAUSES

2.1 SCOPE

This scope covers the refurbishment and repairs of MV induction motors, including to perform onsite technical support service, for the period of 5 years at Matimba Power Station. No changes will be permitted to be made to the evaluation criteria once the Technical Evaluation Strategy report has been authorised.

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 applies to Matimba Power Station for the refurbishment and repairs of MV induction motors, including to perform onsite technical support service.

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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] Occupational Health and Safety Act, 85 of 1993.
- [3] ISO 9001:2008: Quality management systems.
- [4] ISO 10816: Vibration severity standard.
- [5] ISO 1940-1:2003: Mechanical vibration- Balance quality requirements for rotors in a constant (rigid) state- part 1: Specification and verification of balance tolerance.
- [6] SANS IEC 60034-1 to 30: Rotating electrical machines.
- [7] 240-89217674: Refurbishment and repair of power station electrical motors Work Instruction.
- [8] 240-56361435: Transport of Power Station Electric Motors Standard.
- [9] 240-56360387: Storage of Power Station Electric Motors Standard.
- [10] 240-95138097: Standard Electric Motor Test Certificate.

2.2.2 Informative

- [11] Medium Voltage Motors Repair/Refurbishment Technical Schedule A&B Template

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[12] SoW for the Refurbishment and repairs of MV induction motors

2.3 DEFINITIONS

None.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
EDWL	Engineering Design Work Lead
kW	Kilowatt
MV	Medium Voltage
N/A	Not Applicable
RPM	Revolution per Minute
SOW	Scope of Work
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

Maintenance Manager: The Engineering Managers 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. The EDWL compiles the technical evaluation reports with input from respective TET members.

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. Furthermore, the TET compiles a report detailing the findings of the evaluation for the respective tenders on the allocated area of responsibility as highlighted in Table 5; this is mandatory responsibility for each TET member. The report should also highlight major areas of compliance and non-compliance, risks, points to be considered for negotiations etc. in accordance with the "240-68966153: Generation Tender Technical Evaluation Procedure". Where possible, one consolidated report will be acceptable per functional area, however the report should be supported by the respective TET member score sheets.

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The qualitative criteria evaluation is divided into two parts:

- Part 1: Desktop qualitative evaluation.
- Part 2: Workshop assessment qualitative evaluation. The weighted score is 100%.

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

Note: The minimum weighted final score of 70% does not automatically give the tenderer an advantage to be further evaluated if the workshop assessment evaluation score is below 100%.

The scoring method will be as follows:

Table 1: Scoring Method for Qualitative Technical Evaluation Criteria

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

3.2 TET MEMBERS

The following Evaluation Team Members have been appointed to perform evaluations.

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Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Boleo Lesejane	Senior Technician
TET 2	Gwadamani Sehlako	Snr Supervisor Tech Electrical

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 3 defines all Mandatory Evaluation Criteria to be used as well as reference to specification and motivation for criteria use.

Table 3: Mandatory Technical Evaluation Criteria

Ref #	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Local workshop capable of repairing and testing MV induction motors. (Yes/No) Workshop will be assessed before contract award. One year warranty after repair	Provide the following returnable: a. Completed MV motor repair/refurbishment technical schedule A & B. b. Provide a letter confirming that the tenderer gives one year warranty after repair	Minimum testing is required in local qualified workshop to verify Eskom's performance indicators. One year warranty so as to fix any defect that can occur within one year.

NB: If mandatory criteria 1 is met, a qualitative assessment will be done and if the service provider successfully meets the threshold, a factory assessment will be done to verify all the information provided. If the information provided at tendering stage is a negative misrepresentation of the company, the tender will be technically disqualified through these criteria.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4 defines all Qualitative Evaluation Criteria to be used as well as reference to specification and specific weighting / sub weighting.

Table 4: Qualitative Technical Evaluation Criteria

Part 1: Desktop qualitative evaluation

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable		Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Experience	Technical Schedule A&B		30	
	1.1	A track record of repairing and testing of MV induction motors	The Contractor must provide a track record of five (5) past year experience with completion certificates for repair and testing of MV induction motors. The Contractor shall submit, as a minimum, the following information with each reference project: a) Name of Client/Contracts and/or Contract number. b) Description of work undertaken. c) Value for scope undertaken. d) Start date and completion date. e) Client Contact details. Caveat: Tenderers will be penalized for omitting any of the above information as detailed in points (a) to (e).	Track record of 5 or more past years' experience with completion certificates for repairs and testing of MV induction motor. Track record of 3 – 4 past years' experience with completion certificates for repairs and testing of MV induction motor. Track record of 2 past years' experience with completion certificates for repairs and testing of MV induction motor. No submission	5 4 2 0 50

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1.2 Qualified personnel in terms of SAQA for the following fields: a) Armature Winder b) Electrical Artisan or Technician or Engineer or other c) Welder d) Fitter and turner e) Vibration analyst	Section 4.0: Provide certified copy of qualifications or certificates for each listed field. Provide a copy of CV with 5 years working experience for each listed field.	Certified copies of qualifications for all the listed fields including copies of CVs with 5 years' working experience for each listed field. Certified copies of qualifications for all the listed fields including copies of CVs with 3 to 4 years' working experience for each listed field. Certified copies of qualifications for all the listed fields including copies of CVs with 2 years' working experience for each listed field. No submission.	50
2.	Testing facilities and capabilities	Technical Schedule A&B		
	2.1 Maximum direct loading testing capacity for motor at no load motor power	Section 3.09: Test bay specification or certificate.	30	30
	2.2 Maximum voltage rating on the test bay	Section 3.02: Test bay specification or certificate.		30
	2.3 Vibration analysis	Section 3.11: Vibration spectrum sheet of the previous work done.		10

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	2.4	Lubrication system that complies to the motor bearing lubrication requirements above 2MPa specification.	Section 3.13: Test bay specification or certificate.		30
3.	Factory facilities and capabilities		Technical Schedule A&B	30	
	3.1	Maximum lifting capability	Section 2.02: Lifting equipment certificate.		25
	3.2	VPI tank size to meet ID fan motor	Section 2.08: Provide the size and proof (in the form of a picture) thereof		25
	3.3	Baking oven size to meet ID fan motor	Section 2.04 and 2.05: Provide the size and proof (in the form of a picture) thereof		25
	3.4	One year warranty	Section 10.01: Provide proof in a form of written letter with company letterheads.		25
4.	Technical support		Technical Schedule A&B	10	
	4.1	Infrastructure to provide 24hr availability.	Submit previous report(s)/record(s) for 24hr availability (depending on the scope).		30
	4.2	Ability to respond to emergencies in less than 12 hours.	Section 7.02 of technical schedule A & B.		35
	4.3	Ability to provide onsite repair (field services).	Section 7.01 of technical schedule A & B. Company profile/ specifications for onsite repair.		35
				Total = 100	

Part 2: Workshop assessment qualitative evaluation

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Workshop assessment			100	
	1.1	Repair Facility and Capability	Technical Schedule A&B Section 2.0 • 2.01 – 2.19		35
	1.2	Testing Facility and Capability	Technical Schedule A&B Section 3.0 • 3.01 – 3.13		35
	1.3	Transport Capability	Technical Schedule A&B Section 5.0 • 5.01 – 5.03		30
				Total = 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1.	X	X
Qualitative Criteria Number	TET 1	TET 2
Part 1: Desktop evaluation		
1.	X	X
2.	X	X
3.	X	X
4.	X	X
Part 2: Workshop assessment		
1.	X	X

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3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Subcontracted work and done as per specification.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Track record that is not related to repairing and testing of MV induction motors.
2.	Lack of experience and repair skill.
3.	Unavailability of repairer workshop.
4.	Unavailability of lifting equipment, VPI tank, baking oven and lubrication system that complies to the motor bearing lubrication requirements above 2MPa specification.

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 9: Unacceptable Technical Exceptions / Conditions

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Risk	Description
1.	No provision of certificates, results, etc.
2.	Failure to complete the Schedule B of Technical Schedule A&B.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Boleo Lesejane	Senior Technician Engineering	
Gwadamani Sehlako	Snr Supervisor Tech Electrical	

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2026	0.1	Gwadamani Sehlako	First draft Issue for review.
June 2026	1	Gwadamani Sehlako	Final draft. The strategy reviewed to add Part 2 of qualitative evaluation criteria.
August 2026	2	Gwadamani Sehlako	Final draft. The strategy reviewed to breakdown the scoring on 1.1 and 1.2 under qualitative evaluation criteria.

6. DEVELOPMENT TEAM

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

- Gwadamani Sehlako
- Boleo Lesejane

7. ACKNOWLEDGEMENTS

- N/A

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