

 Eskom	Strategy	Engineering
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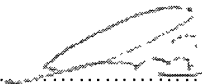
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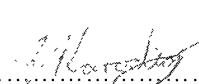
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1. INTRODUCTION

Matla Power Station is intending to request *Contractors/Suppliers* to tender for the Refurbishment of Steam Traps Outage Contract.

The evaluation of the of the tender is based on the tenderer's ability to meet both mandatory and qualitative requirements specified for the scope of work (MET – 057370). A weighted score card approach will be used to evaluate the tenders against the *Employer's* requirements.

2. SUPPORTING CLAUSES

2.1 SCOPE

This purpose of this document is to provide technical evaluation strategy for the scope of MET - 057370, for Refurbishment of Steam Traps Outage Contract. This document will cover the various aspects that will be evaluated and scored by the 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.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria.
- Qualitative Evaluation Criteria.
- TET Member Responsibilities.
- Acceptable / Unacceptable Qualifications.

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

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 is applicable to Matla 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] ISO 9001 Quality Management Systems.
- [3] 240-12238652 Supplier Quality Management List of Tender Returnable Documents.

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[4] 240-105658000 Supplier Quality Management Specification.

2.2.2 Informative

[5] Scope of work - STEAM AND FLOAT TRAPS SUPPLY AND SERVICE CONTRACT SCOPE - MET - 057370.

2.3 DEFINITIONS

Steam Trap - is a type of automatic valve used in steam systems to discharge condensate (water formed when steam loses heat) and non-condensable gases, while preventing the escape of live steam. Its purpose is to maintain system efficiency by keeping steam lines dry and ensuring that only steam, not water or air reaches the equipment.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae.
DOA	Delegation of Authority.
QCP	Quality Control Plan.
TET	Technical Evaluation Team.

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

Not Applicable

2.7 RELATED/SUPPORTING DOCUMENTS

Scope- MET- 057370

2.8 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70% on qualitative part of the Technical Evaluation Criteria. Any score below 70% will disqualify tenderer.

2.9 TET MEMBERS

The TET members to be appoint by the DOA

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2.10 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 1: Mandatory Technical Evaluation Criteria

Mandatory Technical Evaluation		Meet (YES / NO)	Motivation & Comments
2.10.1	Declaration of compliance to the full scope of work	The tenderer provides a declaration letter signed by the company representative indicating compliance to the full scope of work.	The contractor must demonstrate: • Compliance to scope of work • Intent to undertake full scope of work. • Compliance to standards and specifications applicable
2.10.2	Supplier to submit a written declaration confirming that high pressure and temperature (greater than 2 MPa & greater than 200°C) steam traps have been overhauled/refurbished on three or more contracts/ purchase orders	The tenderer provides a written declaration with references of the specifications of the steam traps refurbished: • Make and model • Pressure and temperature rating • Medium • Plant and section (E.g. Kriel P.S. Boiler plant) • Contract numbers • Contact numbers • Signed QCP's for the valves	The contractor demonstrates experience in valves and steam traps
	Result <i>Note: no response or failure to meet requirements will result in disqualification.</i>		

QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

Qualitative Evaluation								
		Source of evidence/returnable	Minimum requirement	%	Non-responsive 0%	Unacceptable risk 40%	Acceptable Risk 80%	Fully complaint 100%
Company Resources	Key Resources: Site manager	CV of the Site Manager: Submit CV with clear demonstrations of steam traps knowledge and experience and the references for each experience obtained	- National N4 Diploma (Mechanical Engineering) - Clearly defined experience in working with steam traps on a steam trap refurbishment order	20	Does not meet minimum technical qualification or less than 1 project experience as a site manager on a steam trap refurbishment order	N. Dip. N4 or higher with 1-3 projects as a site manager on a steam trap refurbishment order	N. Dip. N4 or higher with 4-5 projects as a site manager on a steam trap refurbishment order	N. Dip. N4 or higher with 6 or more projects as a site manager on a steam trap refurbishment order
Company Resources	Key Resources: Site Supervisor	Submit CV of Site Supervisor with clear demonstrations of steam traps knowledge and experience and the references for each experience obtained Grade 12/N3 Mech Eng,	- N3. Diploma (mechanical engineering) - Clearly defined experience in working with steam traps	15	Does not meet minimum technical qualification or less than 1 project experience as a site supervisor on a steam trap refurbishment order	N. Dip. N3 or higher with 1-3 projects as a site supervisor on a steam trap refurbishment order	N. Dip. N3 or higher with 4-5 projects as a site supervisor on a steam trap refurbishment order	N. Dip. N3 or higher with 6 or more projects as a site supervisor on a steam trap refurbishment order
Company Resources	Key Resources: Quality Inspector	Submit CV of the QC with clear demonstrations of steam traps knowledge and experience and the references for each experience obtained by QC inspector (minimum of	QC inspector Grade 12 with QC level 2 certificate	15	Does not meet minimum QC level 2 certificate qualification or less than 1 year	QC level 2 certificate with 1-3 projects as a QC inspector	QC level 2 certificate with 4-5 projects as a site QC inspector	QC level 2 certificate with 6 or more projects as a QC inspector

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		Grade 12 with QC level 2 certification)			experience as a QC inspector			
Company Resources	Key Resources: Fitter	2 Qualified Fitters • Submit CV indicating Quality Council for Trades and Occupations (QCTO) • accredited fitter and turner certificate and • experience in servicing steam traps	Qualified Fitters – Quality Council for Trades and Occupations (QCTO) accredited fitter and turner certificate and experience in servicing steam traps	20	No trade certificate or no experience of working with steam traps	Trade certificate and 1-2 projects working on steam traps	Trade certificate and 2-3 projects working on steam traps	Trade certificate and 3 or more projects working on steam traps
Technical Capability	Detailed method statement for overhauling the Bi-metallic type of steam traps	Method statement shall cover the following sequential steps of servicing 1. Disassembly of the regulator (4 aspects/steps to cover) 2. Cleaning and inspection regulator (4 aspects/steps to cover) 3. Re-installing the regulator (9 aspects/steps to cover) 4. Removal and cleaning of the strainer and identify defects (7 aspects/steps to cover) 5. Mounting the strainer (5 aspects/steps to cover) (total of 29 to be covered)	Detailed method statement to be submitted covering all aspects/steps	30	No Method statement submitted OR Method statement covers less than 23 aspects/steps	Method Statement covers: 23-25 aspects/steps	Method Statement covers: 26-27 aspects/steps	Method Statement covers: 28-29 aspects/steps

2.11 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
2	X	X
3	X	X
Qualitative Criteria Number	TET 1	TET 2
1	X	X
2	X	X
3	X	X
4	X	X
5	X	X

2.12 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.12.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	None

Table 5: Unacceptable Technical Risks

Risk	Description
1.	No assurance that equipment meets scope requirements.

2.12.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Material not meeting the Eskom standards.
2.	Unsafe work practices.
3.	Failure to meet plant performance requirement in terms of safety, reliability and availability.

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Zain Karodia	Turbine Engineering Line Manager	
Lindokuhle Ngobese	Engineering Group Manager	

4. REVISIONS

Date	Rev.	Compiler	Remarks
September 2025	2	Hlavutelo Nkwinika	Scale changed from number of years of experience to number of projects for each criterion post consultation with National Treasure Advisors
September 2021	1	Zain Karodia	

5. DEVELOPMENT TEAM

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

- Lindo Ngobese

6. ACKNOWLEDGEMENTS

None

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