

 Eskom	Strategy	Engineering
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Camden Gasket Supply Contract
60 Months

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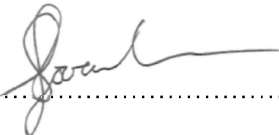
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Compiled by

Functional Responsibility

Authorised by







A. Rudman
Senior Engineer
Appointed Responsible Person

S. Govender
Turbine Engineering Manager

M. Mathabatha
Camden Engineering Manager

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Date: 21-08-2025

Date: 28/08/2025

CONTENTS

1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2.1 PURPOSE	3
2.2 APPLICABILITY	3
2.3 NORMATIVE/INFORMATIVE REFERENCES.....	3
2.3.1 Normative.....	3
2.3.2 Eskom Standards.....	3
2.3.3 Classification	3
2.4 TECHNICAL EVALUATION PLAN.....	4
2.4.1 Evaluation Phase 1.1	4
2.4.2 Evaluation Phase 1.2	4
2.4.3 Evaluation Phase 2.....	4
2.5 DEFINITIONS	5
2.6 ABBREVIATIONS	5
2.7 ROLES AND RESPONSIBILITIES	5
2.8 RELATED/SUPPORTING DOCUMENTS	5
3. TENDER TECHNICAL EVALUATION STRATEGY.....	6
3.1 TECHNICAL EVALUATION THRESHOLD	6
3.2 TECHNICAL EVALUATION TEAM MEMBERS.....	6
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	7
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	10
3.5 TET MEMBER RESPONSIBILITIES.....	12
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	12
3.6.1 Risks	12
4. AUTHORISATION	13
5. REVISIONS.....	13
6. DEVELOPMENT TEAM.....	13
7. ACKNOWLEDGEMENTS.....	13

TABLES

Table 1: Technical Evaluation Team Members	6
Table 2: Mandatory Technical Evaluation Criteria – Evaluation Phase – 1.1:	7
Table 3: Mandatory Technical Evaluation Criteria – Evaluation Phase – 2:	9
Table 4: Qualitative Technical Evaluation Criteria – Evaluation Phase – 1.2	10
Table 5: TET Member Responsibilities.....	12
Table 6: Acceptable Technical Risks / Exceptions / Conditions	12
Table 7: Unacceptable Technical Risks / Exceptions / Conditions.....	12

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1. INTRODUCTION

The purpose of this document is to provide a technical scope of work for the establishment of a **Camden Power Station gasket supply contract** ^[1], for a period of **60 months, with a gasket supplier**.

Note [1] – Scope of Work: C-TE-IN-387 - CAMDEN GASKET CONTRACT SCOPE OF WORK - REV 2

2. SUPPORTING CLAUSES

2.1 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.

2.2 APPLICABILITY

- Camden Procurement Department
- Camden Tender Committee

2.3 NORMATIVE/INFORMATIVE REFERENCES

2.3.1 Normative

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

- | | |
|--------------|---|
| [1] OHS-Act | Occupational Health and Safety Act 85 of 1993 (OHS-Act) |
| [2] PER | Pressure Equipment Regulation (PER) |
| [3] SANS 347 | South African National Standard 347 (SANS) |

2.3.2 Eskom Standards

- | | |
|-------------------|--|
| [4] QM 58 | Supplier Contract Quality Requirements Specification |
| [5] 240-168966153 | Generation Tender Technical Evaluation Procedure |

2.3.3 Classification

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

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2.4 TECHNICAL EVALUATION PLAN

2.4.1 Evaluation Phase 1.1

Mandatory criteria M-1 and M-2 will be evaluated by the technical evaluation team, companies that do not meet the mandatory requirements will be removed from the tender.

2.4.2 Evaluation Phase 1.2

Qualitative evaluation of companies that met the requirements of M-1, M-2. The minimum threshold is set at 75%, only companies that score 75% and higher on their qualitative evaluation will be deemed technically acceptable. Companies that score less than 75% will be removed from the tender.

2.4.3 Evaluation Phase 2

Supplier Premises Visit – M-3

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2.5 DEFINITIONS

Definition	Description
Gasket	A gasket is a mechanical sealing component, typically made from deformable or flexible material such as rubber, graphite, metal, or composites, that is placed between two or more mating surfaces to prevent the escape or ingress of fluids (liquids or gases) under varying operating conditions. Gaskets are designed to compensate for surface irregularities, absorb vibration, and maintain a pressure-tight seal under thermal, chemical, and mechanical loads. They are widely used in piping systems, pressure vessels, engines, pumps, valves, flanges, and other mechanical assemblies.
Supplier	In the context of this document, the supplier will be the company tendering for the contract.

2.6 ABBREVIATIONS

HP	High Pressure
ID	Inside Diameter
LP	Low Pressure
OEM	Original equipment manufacturer
PER	Pressure Equipment Regulation
PO	Purchase order
QCP	Quality Control Plan
SE	System engineer
SOW	Scope of work

2.7 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure

2.8 RELATED/SUPPORTING DOCUMENTS

- [1] 240-53716746: Tender Technical Evaluation Report
- [2] 240-53716712: Tender Technical Evaluation Results Form
- [3] 240-53716726: Tender Technical Evaluation Scoring Form

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3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is **75%**.

The deviation from the recommended 70% in the Generation Tender Technical Evaluation Procedure (240-168966153) is necessary as the qualitative tender criteria is important and extremely relevant to the works, 70% compliance could potentially allow companies with technical shortcomings to pass the technical evaluation, therefor an additional 5% is added to the minimum threshold for acceptance.

3.2 TECHNICAL EVALUATION TEAM MEMBERS

Generation Tender Technical Evaluation Procedure (240-168966153) transaction type 1b, requires a minimum of 2 evaluators per engineering discipline, for Services with technical scope content ≤R100m that is deemed technically complex by the Accountable Manager.

Table 1: Technical Evaluation Team Members

TET number	TET Member Name	Designation
TET 1	Abel Rudman	Senior Engineer Turbine Engineering Pr. Eng Appointed Responsible Person for this tender evaluation.
TET 2	Thabo Aphane	Senior Engineer Auxiliary Engineering Pr. Eng

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

For digital tender submissions, each document file related to the mandatory criteria must be clearly labelled in accordance with the relevant criteria designation (M-1.1, M-2.1, M-2.2).

Table 2: Mandatory Technical Evaluation Criteria – Evaluation Phase – 1.1:

M-1	Mandatory technical criteria description	Tender returnable	Motivation for use of criteria
M-1.1	Gasket OEM Technical Data Sheets	<p>Provide the official OEM product data sheets for all gaskets listed in the Scope of Work (SOW) document C-TE-IN-387 – Rev.2</p> <p>The gasket data sheets must clearly specify the following parameters:</p> <p>Gasket Identification:</p> <ul style="list-style-type: none">▪ Manufacturer name▪ Gasket type or style number (e.g. spiral wound, sheet, ring type joint, etc.)▪ Material composition▪ OEM Part number / gasket identification code▪ Gasket dimensions (OD, ID, thickness, etc.) <p>Service Suitability:</p> <ul style="list-style-type: none">▪ Design pressure range▪ Design temperature range▪ Media compatibility▪ Application notes (e.g. suitable for flange class ASME B16.5 CLASS 300, PN16) <p>Compliance & Certification:</p> <ul style="list-style-type: none">▪ Conformance to standards: e.g. EN 13555 or ASME B16.20 / B16.21, API 601, DIN 2690 (if applicable).▪ Material certification: EN 10204 type 3.1 or 2.2 (if applicable).▪ Compliance declaration: compliance with acceptable international codes recognized under PER (e.g. ASME VIII, PD5500) (if applicable). <p>Performance Data:</p> <ul style="list-style-type: none">▪ Gasket stress: (Qmin, Qsmax) under EN 13555 or ASME gasket factors whichever is applicable.▪ Tightness class under EN 13555▪ Creep relaxation characteristics▪ Compression and recovery values (ASTM F36)▪ Seal ability (ASTM F37 or DIN 3535)	<p>To comply with the PER under the Occupational Health and Safety Act, the following is essential:</p> <p>1) Gaskets form part of a pressure-retaining system designed and inspected per accepted codes (e.g. ASME VIII Div 1, EN13480, etc.).</p> <p>2) Gaskets must have documentation traceability linked to a quality management system.</p> <p>3) All materials in contact with pressure must be identifiable and conform to approved material specifications.</p>

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M-2	Mandatory technical criteria description	Tender returnable	Motivation for use of criteria
M-2.1	Local gasket manufacturing within South Africa	<p>The gasket supplier must indicate which of the gaskets listed on the Scope of Work (SOW) document C-TE-IN-387 – Rev.2 is manufactured locally. Take into account the requested quantities for the individual gaskets, as this will be used for the calculation of the percentage of gaskets that will be manufactured locally</p> <p>It is required for 35% of the gaskets to be manufactured locally within South Africa, failure to meet this threshold will disqualify the tenderer from further evaluation.</p>	Eskom initiative to support local manufacturing
M-2.2	ISO 3834 Part 2 Certificate	<p>Applicable to all gaskets identified as locally manufactured in Mandatory Requirement M-2.1:</p> <p>1) Manufacturers using welding in gasket production: Must submit their valid ISO 3834 Part 2 certification. The certification body that issued the ISO 3834 certificate must be accredited to SANAS ISO/IEC 17021-1:2015.</p> <p style="text-align: center;">OR</p> <p>2) Manufacturers <u>not</u> using any welding in gasket production: Must submit a signed declaration, on the gasket manufacturer's official letterhead, stating that no welding processes are used at any stage of manufacturing. The declaration must be signed by the Managing Director of the manufacturing company.</p>	<p>This requirement applies only to gaskets manufactured locally where welding is involved in their production. In such cases, the gasket manufacturer must be certified to ISO 3834 Part 2 for the gasket to be used in applications classified under SANS 347 Categories I to IV.</p>

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Mandatory Technical Evaluation Criteria – Evaluation Phase 2:

The tender evaluation team will conduct site visits to the premises of tenderers that fully satisfied mandatory evaluation criteria M1 and M2, to assess their operational capabilities and facilities.

Table 3: Mandatory Technical Evaluation Criteria – Evaluation Phase – 2:

No.	Mandatory technical criteria description	Tender returnable	Motivation for use of criteria
M-3	Eskom tender evaluation team to visit the premises of the company tendering for the contract to evaluate their operational capabilities and facilities.	<p>The premises visit evaluation will include the following activities:</p> <p>Gasket traceability assessment – review of systems used to track gasket batches from production to delivery.</p> <p>Gasket storage assessment – evaluation of storage conditions and practices to ensure proper shelf-life management and material integrity.</p> <p>Gasket sampling – collection of physical gasket samples for visual inspection and/or testing.</p> <p>Each premises evaluation will follow a standardised process and be conducted using a uniform scoring form, which must be completed by the evaluation team. During the visit, all information submitted under mandatory criteria M-1 and M-2 will be physically verified. In addition, all qualitative evaluation criteria will be assessed as part of the visit.</p> <p>The Eskom tender evaluation team will arrange premises visits, through coordination with the responsible procurement practitioner, for all tenderers who meet mandatory criteria M-1 and M-2.</p>	In light of the inherent risks associated with open-market tendering, Eskom seeks to verify that each tendering company has a legitimate physical presence and the proven capability to consistently supply quality gaskets for the full duration of the contract.

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3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria – Evaluation Phase – 1.2

For digital tender submissions, each document file related to the qualitative criteria must be clearly labelled in accordance with the relevant criteria designation (Q-1, Q-2, Q-3, Q-4, Q-5).

No.	Criteria Description	Scoring (240-168966153)	Weight
Q-1	Experience and References The tenderer must provide evidence of previous contracts with power stations or industrial plants. Signed contract agreements should be submitted as proof.	0: Totally deficient or non-responsive 2: Evidence submitted in other form than contract agreement with client. 4: One contract agreement signed by the client submitted. 5: More than one contract agreement signed by the client submitted.	20%
Q-2	Product Quality & Standards Compliance Certifications: Gasket test certificates (ASTM, EN, DIN, ASME compliance), which standards are listed on the Certificate of conformance. Quality Management System Evidence: ISO 9001 Applicable Standards Declaration: Confirmation of compliance with standards (e.g., ASME B16.20, BS, EN, standards). Product Warranties: Company warranties on gasket performance, shelf life, and service life.	0: Totally deficient or non-responsive 2: Submitting documents not detailing more than one of the following: - Certifications - Quality management system evidence - Applicable standards declaration - Product warranties 4: Submitting documents not detailing any one of the following: - Certifications - Quality management system evidence - Applicable standards declaration - Product warranties 5: Submitting all the required documents for Q-2.	20%
Q-3	Installation and Technical Support The company tendering for the contract must submit proof of their installation and technical support capabilities. The following documentation must be provided as part of the tender submission: Technical Support Offering: On-site support, training, joint inspections, installation guidance. After-Sales Service: offering client troubleshooting assistance and guidance. Engineering support: Access to qualified engineers for assistance in gasket specification for new installations and troubleshooting on existing installations.	0: Totally deficient or non-responsive 2: Submitted document not detailing two or more of the following requirements: - Technical support offering - After sales service - Engineering support 4: Submitted document not detailing any one of the following requirements: - Technical support offering - After sales service - Engineering support 5: All required documents are submitted as required by Q-3.	20%

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No.	Criteria Description	Scoring (240-168966153)	Weight
Q-4	<p>Gasket testing</p> <p>Provide the manufacturer's gasket testing procedure or philosophy, detailing how the manufactured gaskets are tested for compliance with the applicable governing standards. The document must:</p> <p>Test philosophy: Specify the number or proportion of production gaskets to be tested.</p> <p>Compliance to standards: Clearly state the exact standards governing the testing and the corresponding acceptance criteria.</p> <p>Batch testing: Describe the process for batch testing, including how certificates of conformance will be issued.</p> <p>Consider that Camden utilises both EN- and ASME-flanged equipment</p>	<p>0: Totally deficient or non-responsive</p> <p>2: The submitted document does not specify any of the following requirements:</p> <ul style="list-style-type: none"> - Test philosophy - Compliance to standards - Batch testing <p>4: The submitted document specifically references a minimum of three of the following standards:</p> <ul style="list-style-type: none"> - EN 13555 - ASME B16.20 - ASME B16.21 - ASME F36 - ASME F37 - ASME F38 <p>5: The submitted document specifically references all the following standards:</p> <ul style="list-style-type: none"> - EN 13555 - ASME B16.20 - ASME B16.21 - ASME F36 - ASME F37 - ASME F38 	20%
Q-5	<p>Company & Technical Capability</p> <p>The company tendering for the contract to provide the following documents:</p> <p>Company Profile: History, size, capacity, ownership, and years of experience in gasket supply/manufacture.</p> <p>Technical Expertise: CVs of key technical staff employed by the supplier (design, QA/QC, applications engineers).</p> <p>Manufacturing Capability Statement: Description of facilities, equipment, and processes used in gasket manufacturing.</p> <p>Supply Chain & Localisation Plan: Local content, import reliance, stockholding strategy.</p>	<p>0: Totally deficient or non-responsive</p> <p>2: Submitted document not detailing two or more of the following requirements:</p> <ul style="list-style-type: none"> - Technical Expertise - Manufacturing Capability Statement - Supply Chain & Localisation Plan <p>4: Submitted document not detailing any one of the following requirements:</p> <ul style="list-style-type: none"> - Technical Expertise - Manufacturing Capability Statement - Supply Chain & Localisation Plan <p>5: Submitting all the required documents for Q-5.</p>	20%

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3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
M-1	X	X
M-2	X	X
Qualitative Criteria Number	TET 1	TET 2
Q-1	X	X
Q-2	X	X
Q-3	X	X
Q-4	X	X
Q-5	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks / Exceptions / Conditions

Risk	Description
1.	None

Table 7: Unacceptable Technical Risks / Exceptions / Conditions

Risk	Reference	Description
1.	M-1.1	The tenderer supplies gaskets other than that specified by the SOW <i>C-TE-IN-387 REV.2</i>
2.	M-2.1	Tenderer manufactures less than 35% of the requested gaskets within South Africa.
3.	M-2.2	Tenderer uses welding processes during gasket manufacturing of local gaskets without having ISO3834-2 certification, or with ISO3834-2 certification that has expired.
4.	M-3	The company tendering for the contract does not meet the minimum threshold of the uniform scoring form for the premises visit that the technical evaluation team will perform.

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4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Abel Rudman	Senior Engineer 20/08/2025
Thabo Aphone	Senior Engineer 20/08/2025

5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2025	01	A Rudman	First revision for review

6. DEVELOPMENT TEAM

A. Rudman

T. Aphone

7. ACKNOWLEDGEMENTS

N/A

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