

	TECHNICAL EVALUATION CRITERIA	GROOTVLEI
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Title: **The provision of supply and delivery of resins at Grootvlei power station as a once off purchase**

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Alternative Reference **N/A**
Number:

Area of Applicability: **Water Treatment Plant
Demin Plant**



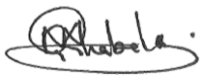

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1. Introduction

Grootvlei Power Station receives its raw water source from the Vaal dam. This water is treated through coagulation, flocculation, clarification and sand filtration before being fed to the ion exchange vessels. The purpose is to produce demineralised water as per Eskom Standard 240-53113712 suitable for used on steam boiler for power generation.

2. Supporting Clauses

2.1 Scope

The Scope of work is for the procurement and delivery of strong base anion (SBA) and Strong Acid Cation (SAC) resin to be used at Grootvlei Power Station ion exchange vessels. The resin is required for top up of existing resin in the plant Technical Evaluation Criteria

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 shall apply to Grootvlei Power Station.

2.1.3 Effective date

Not Applicable

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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] The Procurement and delivery of strong base anion (SBA) and Strong Acid cation (SAC) Resin Scope of work

2.2.2 Informative

Not Applicable.

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
Demin water	Deminilized water
TET	Technical Evaluation Team
N/A	Not Applicable
WTP	Water Treatment Plant

2.5 Roles and Responsibilities

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 Process for Monitoring

Not applicable

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2.7 Related/Supporting Documents

Not applicable

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted or point scored but shall be assessed on a Yes/No basis as to whether the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and the tenderer shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion.

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

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3.2 TET MEMBERS

Table 1: TET MEMBERS

TET number	TET Member Name	Designation
TET 1	Sabelo Hlatshwayo	Snr Supervisor Technician Chemistry
TET 2	Mpho Netshidzati	Snr Supervisor Technician Chemistry
TET 3	Boitumelo Moloi	WTP System Engineer

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Motivation for use of Criteria
1	<p>Has the Supplier provided proof of being a Manufacturer of the resins or provide written valid proof of being an accredited distributor of the manufacturer of the resin</p> <p>Yes = 1 (Continue to qualitative criteria) No = 0 (No further evaluation)</p>	Supplier who is not a manufacturer or does not have an agreement with the manufacturer risk supplying wrong specification of resin.

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3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Demin Cation and Anion Resin Technical Tender Returnable for Resin Top Up

	Technical Tender Returnable
1	Baseline resin analysis included in the price for all the resin batches that will be supplied (This must be supported by a fully signed letter from the supplier, endorsed with date and time).
2	Technical data sheets for Strong Acid Cation resin (HPR 1200 H) and Strong Base Anion Resin (Amberjet 4200 CL).
3	Traceable references where similar resins were supplied by the supplier (references must be in form of Purchase order or contracts and be contactable)

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Demin Cation and Anion Resin Technical Evaluation Criteria for Resin Top up

	Technical Evaluation Criteria	Weight of Criteria used for Evaluation		Score of Criteria used for Evaluation
1	Baseline resin analysis included in the price for all the resin batches that will be supplied. (This must be supported by a fully signed letter from the supplier, endorsed with date and time)	Letter Included	15%	15%
		Letter not Included	0%	
2	Technical data sheets for Strong Acid Cation Resin (HPR 1200 H) and Strong Base Anion Resin (Amberjet 4200 CL).	Submitted	100%	50%
		Not submitted	0%	
3	Traceable references where similar resins were supplied by the supplier (references must be in form of Purchase order or contracts and be contactable)	4 & above	100%	35%
		3	75%	
		2	50%	
		1	25%	
		0	0%	

Rating for Technical Criteria

Rating for Individual Technical Criteria	%
Completely Meets Technical Requirement	100

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Mostly Meets Technical Requirement	70
Partially Meets Technical Requirement	50
Mostly Does Not Meet Technical Requirement	25
Does not Meet Technical Requirement	0

NOTE: The threshold for this Technical Evaluation is 70%, suppliers failing to achieve a minimum of 70% will be deemed Technically Unacceptable.

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

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3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Supplier who provides technical data sheets of resin that is different from the specified as per the Scope of work

3.7 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

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4. Acceptance

This document has been seen and accepted by:

Name	Designation
Sabelo Hlatshwayo	Snr Supervisor Tech Chemistry
Mpho Netshidzati	Snr Supervisor Tech Chemistry
Boitumelo Moloi	WTP System Engineer
Nondumiso Buthelezi	Documentation Centre

5. Revisions

Date	Rev.	Compiler	Remarks
July 2025	1	S Hlatshwayo	Final Document

6. Development Team

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

- Sabelo Hlatshwayo

7. Acknowledgement

None

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