1. Tender Technical Evaluation Strategy

1.1 Technical Evaluation Threshold

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 80%.

The 80% is to ensure the experience and accreditation required meets the required standards pertaining to this document.

1.2 TET Members

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Thabile Mzizi	Senior Supervisor Chemistry
TET 2	Pretty Johannes	Senior Chemist

1.3 Mandatory Technical Evaluation Criteria

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for the use of Criteria
1.	The demonstration of at least 5 years of experience.	Submitting reference letters from previous clients with official letterhead or certificate of the completion of works or the correct supply of components (Previous orders history within Eskom sites can be submitted as proof)	To ensure that the contractor has successfully supplied accepted equipment within the indicated time frame as well as successfully completed works.
2.	The contractor/supplier has a distribution licensing of the equipment or is the OEM of the product.	Submitting a license of distribution rights for the relevant product or the submission of an OEM letter or a letter from the OEM indicating that the supplier has the right to distribute the product.	To ensure that the supplier/ contractor delivers the required product and does not change the product due to the inability to obtain the product. Also, to ensure that the supplier/contractor delivers a quality product that is supported by the OEM.
3	Datasheet and Product Information	Submit the Datasheet and Product Information or Product Data Sheet.	To ensure that the product supplied can be used for intended purpose as well as to ensure that the supplier/ contractor delivers the required product and does not change the product due to the inability to attain the required product.

1.4 Qualitative Technical Evaluation Criteria

Table 3: Qualitative Technical Evaluation Criteria

Items	Qualitative Technical Criteria Description		Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Sectional Arrangement of The Auto Regeneration Ion Exchange**		**30**	
	1.1	Junction box with electronic control and automatic valves		40
	1.2	Dosing pump for regenerant		40
	1.3	Collecting tank (30L) for regenerant		10
	1.4	Level switch for regenerant level control		10
2.	**Material of Construction**		**20**	
	2.1	Material components should be able to handle diluted 5% sulfuric acid		50
	2.2	Cation exchanger column mounting kit for PE 14 or PE 15 or PE 16		50
3.	**Monitoring or Control Monitor**		**30**	
	3.1	Conductivity meter for automatic switch depending on conductivity reading		80
	3.2	Signal of operation states: e.g <ready>, <in operation>, or <fault>, etc.		20

4.	**Regenerant Connections**		**20**	
	4.1	Consists of pressure regulator with sealing membrane from FPM		20
	4.2	Hose diameter = 12, suited to handle 40% sulphuric acid		20
	4.3	Flow injection for operating concentrated regeneration agent		20
	4.4	Cation exchangers PE 15 without resin		40
	Total weight (above items 1-4)		**100%**	

1.0 Foreseen Acceptable / Unacceptable Qualifications

4.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	No technical risks acceptable

Table 5: Unacceptable Technical Risks

Risk	Description
1.	N/A

1.1 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Minor pipework arrangement changes (excluding pipework to pump flange dimensions)
2.	Minor baseplate arrangements

Table 7: Unacceptable Technical Exceptions/ Conditions

Risk	Description
1.	**No motor power requirement changes**
2.	**No Shaft centerline changes**
3.	**No flow changes**

4.2 TET Members Responsibilities

Table 8: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
2	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**
1.1	X	X
1.2	X	X
1.3	X	X
2.1	X	X
3.1	X	X
3.2	X	X
3.3	X	X
3.4	X	X

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