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

Item		Qualitative Technical Criteria Description	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.		**Dissolved Oxygen Analysers**	**100**	
	1.1	5 X Dissolved oxygen analyzer/ instrument intended to do on field measurements with measuring low levels range of 0-2000ppb.		30
	1.2	Each complete online dissolved oxygen analyser including the sensor and other consumables like associated cables for connection and the onsite calibration kit		30
	1.3	Wall mount, 85-264 VAC, 4-20mA analog output.		10
	1.4	External backup filter for additional surge-protection and filtering of mains power. Suitable for use with all instruments main powered with 240V		10
	1.5	Each set should include all other consumables required for commissioning and instrument functional checks, including but not limited to cables, maintenance set, membranes and Pressure-resistant flow cell for sensors made of stainless steel		10
	1.6	Installation should include new sample tubing and valves. Unistrut against pillar for housing of analysers per unit and light inside enclosure. Commissioning and training of onsite Eskom personnel on basic instrument maintenance.		10
		Total weight (item 1 above only)	**100%**	

Item		Qualitative Technical Criteria Description	Criteria Weighting (%)	Criteria Sub Weighting (%)
2.		Sodium Analyzer	100%	
	2.1	Supply and deliver analyzer for the measurement of sodium ions intended to do on field measurements with measuring low levels or 0.1 – 10000PPB		30
	2.2	Complete system with transmitter, sensors, flow cell with sample flow monitoring, passive reagent dosing and device for calibration / random sampling on a 280 x 850 mm stainless steel mounting plate.		30
	2.3	Wall mount, POWER SOURCE: 100-220 V AC, 24 VDC and each set should include all other consumables required for commissioning and instrument functional checks.		20
	2.4	Consumables includes but not limited to sodium standard solutions, etching kit, electrolyte for sodium reference , air filters, calibration bottle, etc		10
	2.5	Include installation and commissioning and training of onsite Eskom personnel on basic instrument maintenance		10
		Total weight (item 2 above only)	**100%**	

4.0 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

1.0 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

Compiled: End User

Name: Thabile Mzizi

Signature: 

Approved: Senior Chemist

Name: Jeanette Makhanya

Signature: 

Authorised: Chemistry Manager

Name: Tshiki Mashabane

Signature: