

### 3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Contractor must have experience in operation of an activated sludge wastewater treatment plant	Supply reference letter from current/previous clients for the operation of an activated sludge wastewater treatment plant	To ensure that suppliers are technically viable, reliable, and able to continuously operate the plant and meet the requirements of the station's water use licence.

**3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA**

**Table 4: Qualitative Technical Evaluation Criteria**

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Work experience		Technical returnables document	50%	
	1.1	Technical Personnel Qualification- Supervisor (National diploma in Chemistry/ Chemical engineering or Water care with a minimum of 3-years relevant experience, as well as regulation 2834 classification (class V)	Supply Qualifications of Split (x2) Site supervisors, DWS process controller Classification certificate  Score distribution no qualification and process controller certificate =0 points 1X qualification and process controller certificate=2 points 2x qualification and process controller classification certificate=5 points		15%
	1.2	Chemical technician with a National diploma in Chemistry/ Chemical engineering or Water care with a minimum of 2-years relevant experience, as well as regulation 2834 classification certificate (Class V)	Proof of qualification, CV and Regulation 2834 classification as stipulated on the NEC  Score distribution no qualification, CV and regulation 2834 classification certificate =0 points		15%

			qualification, CV and regulation 2834 classification certificate submitted =5 points		
	1.3	Related Work References	Provide proof of 3 recently conducted plant optimisation reports on the Wastewater treatment plant not older than 2 years.  Score distribution 0 report=0 points 1 report= 2 points 2 reports= 4 points 3 reports= 5 points		20%
<b>2.</b>	<b>General</b>		<b>Technical returnables document</b>	<b>50%</b>	
	2.1	Provision of plant monitoring equipment's as stated on the NEC. (DO <sub>2</sub> , Cl <sub>2</sub> , pH and conductivity meter) for each plant	Provide proof that the supplier will be able to provide the following instruments: DO <sub>2</sub> , Cl <sub>2</sub> , pH and conductivity meters) for plant monitoring  Score distribution No proof submitted= 0 point Proof submitted= 5 points		5%

	2.2	Secure transport for the Employees. Provide Eskom of proof.	<p>Provide proof that secure transport will be provided to the employees.</p> <p>Score distribution</p> <p>No proof submitted = 0 point</p> <p>Proof submitted = 5 points</p>		10%
	2.3	Previous experience in Operation of an Activated Sludge Treatment Plant	<p>Reference from previous/current customers</p> <p>Score distribution</p> <p>0 reference= 0 point</p> <p>2 references = 2 points</p> <p>3 or more references= 5 points</p>		20%
	2.4	A Certificate that prove/indicate that Laboratory the contractor has employed is accredited by the South Africa National System (SANAS) according to the requirements of ISO 17025 for chemical and microbiological analysis as per Tutuka water use licence	<p>Provide SANAS accreditation certificate for the laboratory that will be employed for chemical and microbiological analysis for the two wastewater plants</p> <p>Score distribution</p> <p>No submission= 0 point</p> <p>Submission of accreditation certificate = 5 points</p>		15%
				<b>TOTAL: 100</b>	