

	Technical Evaluation Criteria	Template Identifier	N/A	Rev	N/A
		Effective Date	N/A		
		Review Date	N/A		

The Supply and Delivery of Sodium Bicarbonate to Lethabo and Majuba Power Station for a Once Off Purchase

All tenderers will be subjected to the following technical evaluation criteria and only the tenderers who meet the minimum qualifying score will move onto the next stage of evaluation.

5.1.1 Mandatory Technical Evaluation Criteria

Prior to the qualitative evaluation, each tenderer must meet the mandatory technical criteria as per *table 1* below. This acts as the gatekeeper as non-submission will prevent any further evaluation and automatically disqualify the tenderer.

Table 1: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Motivation for use of Criteria
1.	Submission of Product Information Sheet (i.e. Certificate of Analysis, Test Report, Data Sheet, etc.)	To ensure that product complies with the specifications.

5.1.2 Qualitative Technical Evaluation Criteria

The minimum weighted final score (threshold) required for a tenderer to be evaluated further is 70%. *Table 2* below will be used as the scoring guideline.

Table 2: Qualitative Evaluation Criteria Scoring Table

Score	(%)	Definition
5	100	COMPLIANT - Meet technical requirement(s) AND. - No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with. - Acceptable technical risk(s) AND/OR. - Acceptable exceptions AND/OR. - Acceptable conditions.
2	40	NON-COMPLIANT - Does not meet technical requirement(s) AND/OR. - Unacceptable technical risk(s) AND/OR. - Unacceptable exceptions AND/OR. - Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
Note 1: The scoring table does not allow for scoring of 1 and 3. Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

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	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Compliance to Eskom Specifications and Schedule		35%	
	1.1 Product Specification	Evidence (i.e. Certificate of Analysis, Test Report, Data Sheet, etc.) that the product meets the following specifications: • Particle Size Distribution (PSD): $D_{90} < 60\mu\text{m}$ and $D_{50} < 30\mu\text{m}$. • Purity: Minimum 99% purity. • Moisture Content: Less than 0.5%. • Bulk Density: $\approx 1.09 \text{ g/cm}^3$.	-	25
		1.1.1 Particle Size Distribution (PSD): 90% of particles should be less than $60\mu\text{m}$, with 50% less than $30\mu\text{m}$. - Fully compliant: 5 points (10%) - Compliant with slight deviation / risk: 4 points (8%) - Non-compliant or with high technical risk: 2 points (4%) - Totally deficient or non-responsive: 0 points (0%)		
		1.1.2 Purity: Minimum 99% purity. - Fully compliant: 5 points (10%) - Compliant with slight deviation / risk: 4 points (8%) - Non-compliant or with high technical risk: 2 points (4%) - Totally deficient or non-responsive: 0 points (0%)		
		1.1.3 Moisture Content: Less than 0.5%. - Fully compliant: 5 points (2.5%) - Compliant with slight deviation / risk: 4 points (2%) - Non-compliant or with high technical risk: 2 points (1%) - Totally deficient or non-responsive: 0 points (0%)		

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			1.1.4	Bulk Density: $\approx 1.09 \text{ g/cm}^3$. - Fully compliant: 5 points (2.5%) - Compliant with slight deviation / risk: 4 points (2%) - Non-compliant or with high technical risk: 2 points (1%) - Totally deficient or non-responsive: 0 points (0%)		
	1.2	Lead time for delivery of the product from the time the order is received.		Detailed delivery schedule with lead time for product delivery of 4 weeks from Date of Order. - Lead time of 4 weeks or less: 5 points (10%) - Lead time of 5 - 7 weeks: 4 points (8%) - Lead time of 8 to 10 weeks: 2 points (4%) - Non-responsive or lead time of over 10 weeks: 0 points (0%)		10
2. Company Experience					15%	
	2.1	Proof of previous supply and delivery of granular product (or similar products, e.g., cement, etc.) specifically in tankers to Eskom or elsewhere.		Credible proof of at least three (3) completed orders (i.e., order number, name of company where work was executed, work/project description, tonnage supplied, contract period, contract value & contact person.) 5 points (10%) if contents are satisfactory 4 points (8%) if contents are less than required with low technical risk 2 points (4%) if submitted with insufficient content / high technical risk 0 points (0%) for non-submission or unrelated submission		10
	2.2	Detailed, comprehensive method statement with details ranging from order received to order delivery.		Detailed method statement must include, but not be limited to, the procurement or manufacture, handling, storage, and transportation, and storage of the product from the moment an order is placed by Eskom. 5 points (5%) if contents are satisfactory 4 points (4%) if only slight/negligible content is omitted		5

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			▪ 2 points (2%) if submitted with insufficient content ▪ 0 points (0%) for non-submission or unrelated submission		
3.	Production Capacity and Reliability			35%	
	3.1	Production of sorbent (sodium bicarbonate)	▪ 5 points (5%): In-house production or joint venture ▪ 4 points (4%): Outsourced from other company		5
	3.2	Ability to transport the required quantity of the sodium bicarbonate.	Confirmation letter detailing or specifying that required quantity will be delivered by means of bulk tankers with a minimum capacity of 30 tonnes or 30 000 L each. Alternatively, submission of official tanker datasheet. ▪ 5 points (15%): fully compliant with this requirement. ▪ 4 points (12%): letter submitted with slight capacity deviation / acceptable risk ▪ 2 points (6%): letter submitted but capacity not guaranteed / unacceptable risk ▪ 0 points (0%): non-submission or delivery not in the form of bulk tankers		15
	3.3	Metering and dosing capability of the tankers	Confirmation letter specifying ability of tankers to discharge the product at controlled flow rates (i.e., the Pressure Discharge trucks must be able to throttle the flow of the product as required). The required discharge rates are between 3500 – 7500 kg/h. ▪ 5 points (15%): letter submitted and states that discharge flow rate can be controlled as required. ▪ 4 points (12%): letter submitted but slight deviation from minimum flow rate / low risk ▪ 2 points (6%): letter submitted but required flow rate cannot be guaranteed or significantly out of specification.		15

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			▪ 0 points (0%): non-submission or inability to control flow at all.		
4.	Technical Quality Assurance			15%	
	4.1	Sub-Supplier Approval Process	Procedure in place to assess and approve potential sub-suppliers. ▪ 5 points (5%) if contents are satisfactory or if none of the scope is to be sub-contracted. ▪ 2 points (2%) if provided with insufficient contents or generic submission. ▪ 0 points (0%) for non-submission or irrelevant procedure.		5
	4.2	Quality Management System	Proof that supplier maintains and implements an ISO 9001 compliant Quality Management System (QMS) ▪ 5 points (5%) for valid ISO 9001 certificate. ▪ 2 points (2%) if has a detailed compliance system but no certificate. ▪ 0 points (0%) if non-compliant.		5
	4.3	Procedure for handling non-conforming product.	Procedure in place for handling of non-compliant products or quality inspection plan for chemical production processes. ▪ 5 points (5%) if contents are satisfactory. ▪ 2 points (2%) if content is insufficient. ▪ 0 points (0%) for no procedure.		5
				TOTAL: 100	

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