

1. TENDER TECHNICAL EVALUATION STRATEGY

1.1 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 or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and 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%. The following scoring method will be used:

Table 1: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet the technical requirement(s) AND,• No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet the technical requirement(s) with,• Acceptable technical risks AND/OR;• Acceptable exceptions AND/OR;• Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none">• Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR;• Unacceptable exceptions AND/OR;• Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

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1.2 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Has the Tenderer confirmed that they have a track record of five completed projects as a minimum; for design and installation of Borehole and required ancillary equipment.	Technical specification with a complete SOW. Tender Returnables	Previous similar work experience and key personnel allocated to this project should be documented (Organogram with key staff indicated). This is to ensure that all roles and responsibilities are covered. Resumes of key personnel to be provided.

1.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The weight for the technical review will be 100 % with a minimum threshold of 70% and will be based on the following:

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	SUPPLY MULTI-FUNCTION TEST EQUIPMENT FOR HV EQUIPMENT			10	
	1.1	Registered Company with a track record of 5 completed projects as a minimum; for Drilling Boreholes and equipping as required.	Tender returnable – Company Profile, specific reference to Hydrology reports.		100
2.	DRILL BOREHOLE, SUPPLY EQUIPMENT AND INSTALL AS REQUIRED FOR BOREHOLE			10	
	2.1	Technical sales personel/ Engineer with a track record of 5 completed projects as a minimum on Boreholes and equipping there of.	Tender returnable – Staff qualification to be provided with specific reference to Hydrology.		100
3.	Design of Equipped bore hole			10	
	3.1	Certificates for: Water delivery and borehole hole associated safety spec	Tender returnable – Copies of test certificates from independent laboratories proving compliance with the above standards		100
4.	Application or measurements			30	
	4.1	The borehole pump must be able to perform the tests as described in the technical specification documentation <u>The unit can perform the following tests</u>	Gate Keeper: Tender returnable – Tenderers will disqualified if the tester cannot perform tests as listed in the technical specification.		100

		<ol style="list-style-type: none"> 1. Water delivery 2. Pump shut down when water delivery has ceased. 3. COC for installation 4. 			
5.	Completed technical schedule of the multi-function HV test equipment as listed under the technical data			20	
5.1	The Tenderer is to provide a complete and comprehensive SOW and technical data sheet of the proposed borehole, piping and control equipment.	Gate keeper: Tender returnable - The technical datasheet is to be supplemented by additional descriptions, explanations, ratings, measurements and all other information necessary for a clear understanding of the proposed equipment to be supplied.			
6.	General			20	
6.1	Technical proposal meeting scope of supply requirement.	Technical proposal to include the following as a minimum: <ol style="list-style-type: none"> 1. Understanding of the scope of work/supply as detailed by the required specification. 2. Proposed approach and methodology which included approach, methodology, deliverables, and resource plan, however not limited to. 			70

	6.2	<p>Proposed work plan</p> <ul style="list-style-type: none"> -indicating intent to undertake delivery and support -Training activities - Proposed maintenance protocol 	<p>Tender Returnables</p> <p>(Preliminary Project schedule showing lead times, delivery dates, training duration and assessment criteria.)</p> <p>Training to be provided</p> <p>Document on the proposed maintenance to be supplied.</p>		20
	6.3	<p>Lead time to mobilise team to execute the site investigations and design work after contract award.</p>	<p>An agreed date whereby to supply tester and accessories after contract award.</p>		10
				TOTAL: 100	

The scoring criteria are as follows:

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
1.	Professionally Registered Technologist/Engineer with a track record of 5 completed projects and test field experience in the testing department as a minimum.		<p>The sale in terms of this Contract is to be executed by a qualified professional Technologist/Engineer who is a member of Engineering Council of South Africa (ECSA) or equivalent international acknowledgement.</p> <p>5 = Formal BSc/Btech qualification or equivalent international acknowledgement, and has 6 or more years working experience on HV equipment testing</p> <p>4 = Formal BSc/Btech qualification or equivalent international acknowledgement, but has 4 to 5 years working experience on HV equipment testing</p> <p>2 = Formal BSc/Btech qualification or equivalent international acknowledgement, but less than 3 years working experience on HV equipment testing</p> <p>0 = Has less than 3 years' experience and no formal BSc/Btech qualification or equivalent international acknowledgement on HV equipment testing</p>
2.	General Sales personell /Technician qualification and experience on similar in the field of testing		<p>5 = Formal Electrical Trade Test or equivalent international acknowledgement, but has 5 or more years working experience in construction, commissioning and testing of HV equipment.</p> <p>4 = Formal Electrical Trade Test or equivalent international acknowledgement, but has 3 or more years working experience in construction, commissioning and testing of HV equipment</p> <p>2 = No formal Electrical Trade Test or equivalent international acknowledgement, but has 3 or more years working experience in construction, commissioning and testing of HV equipment.</p> <p>0 = No formal Electrical Trade Test on on HV equipment testing or equivalent international acknowledgement.</p>
3.	Completed technical specification of multi-function test equipment		<p>5 = Technical schedules completed in full and completely supplemented by additional descriptions, advantages and benefits</p> <p>4 = Technical schedules completed in full, however only partial supplemented by additional descriptions, advantages and benefits</p> <p>2 = Technical schedules completed in full, but not supplemented by additional descriptions, advantages and benefits</p> <p>0 = No completed Technical specification</p>

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
4.	Technical proposal meeting scope requirement		<p>5 = Excellent response which demonstrates the ability to deliver the service far in excess of minimum requirements.</p> <p>4 = Good response detailing clearly how the service will be delivered above and beyond the minimum requirements.</p> <p>2 = Barely adequate levels of required scope proposal.</p> <p>0 = Less than minimum level of required scope proposal or irrelevant.</p>
5.	<p>Calibration</p> <p>-Calibration shall be a standard contract item, and shall cover calibration service and transportation back to the user Support.</p> <p>-Local repair and support within 14 days.</p> <p>-Technically shall be available locally on email or telephone via a competent person</p> <p>Guarantee</p> <p>-the unit and accessories shall be guaranteed for a period of 5 years of activity</p>		<p>5 = All three conditions of proposed work plan have been met.</p> <p>4 = Only two conditions of proposed work plan have been met.</p> <p>2 = Only one condition of proposed work plan have been met.</p> <p>0 = None of conditions of proposed work plan have been met.</p>
6.	Lead time to deliver and respond to technical challenges from the customer.		<p>5 = 1 week or less.</p> <p>4 = Between 1 and 2 weeks.</p> <p>2 = Between 3 and 4 weeks.</p> <p>0 = More than 4 weeks.</p>