Microgrid/Solar PV Components and Structures Material for Construction Services Cabling : Functionality Threshold Evaluation (Technical = 75%)

- Evaluate submission against functionality criteria
- Rate submission against each criterion
- Eliminate if supplier is below minimum qualifying threshold of 75%

- ✓ **Experience in Similar Services 40%**
- ✓ **Technical Capabilities 50%**
- ✓ **Execution & Logistics 10%**

	Criteria	Weighting	Score
1	**EXPERIENCE**		
1.1	**Eight (8)** years or more of experience in providing similar services, supported by appointment letters, Purchase Orders, and/or reference letters **(25%)** Or **Five (5)** years or more of experience in providing similar services, supported by appointment letters, Purchase Orders, and/or reference letters **(20%)** Or **Three (3)** years or more of experience in providing similar services, supported by appointment letters, Purchase Orders, and/or reference letters **(10%)** Or **One (1)** year or more of experience in providing similar services, supported by appointment letters, Purchase Orders, and/or reference letters **(5%)**	**25%**	
2	**TECHNICAL CAPABILITIES**		
2 .1	**Solar PV Modules:** **TECHNICAL DATA SHEETS AND PERFORMANCE WARRANTY AS PER SANS & IEC**		
2.1.1	Technical Data Sheets (aligned with IEC 61215, IEC 61730, SABS 10142) **(5%)**	**15%**	

	Performance Warranty Documentation (90% at 10 years, 80% at 25 years) **(5%)** Certificate of Conformity **(5%)**		
2.2.	**<u>Battery Energy Storage Systems (BESS)</u>** **TECHNICAL DATA SHEETS PERFORMANCE WARRANTY AS PER SANS & IEC**		
2.2.1	Technical Data Sheets (aligned with IEC 62109-1 & -2, IEC 63056, SABS 10142) **(5%)** Performance Warranty Documentation **(5%)** Certificate of Conformity **(5%)**	**15%**	
2.3.	**<u>Inverters & Power Conversion Equipment</u>** **TECHNICAL DATA SHEETS AND PERFORMANCE WARRANTY AS PER SANS & IEC**		
2.3.1	Technical Data Sheets (aligned with IEC 62109-1 & -2, SABS 10142) **(5%)** Performance Warranty Documentation (10 years) **(5%)** Certificate of Conformity **(5%)**	**15%**	
2.4	**<u>Solar PV Structures</u>**		
	Technical Specification of the structure Manufacturing ITP (Inspection Test Plan) **(5%),** Manufacturing Method Statements **(5%)**	**10%**	
2.5.	**<u>Technical Personnels</u>** **SALE ENGINEER OR TECHNICAL SPECIALIST**		
2.1.	**Sales Engineer** or **Technical personnel** with a **Bachelor's degree/ advance National diploma** or **above Qualification** with at least **5 Years** of experience in solar or renewable energy products	**10%**	
3	**<u>EXECUTION & LOGISTICS KEY SUBMISSION</u>**		
	Delivery Schedule (commitment to 5-week lead time) **(5%)** Packaging & Labelling Plan (wooden crates for fragile items waterproofing) **(2.5%),**	**10%**	

	Logistics Plan (flatbed trucks for containers, climate control for batteries) **(2.5%)**		
	TOTAL		**100%**

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