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NEC3 Engineering & Construction Contract

PART TWO – TECHNICAL REQUIREMENTS

The Establishment of a contract for the Provision of Supervision, Labour, Equipment, Material (except for the Eskom Free Issue material, i.e Wooden Poles, Concentric Cable, Meters and Pole Top Split Meter Boxes) for the Electrification of 60 Off-Grid Connections at Maqhashiya Village using Solar PV and a further 12 month post installation maintenance in the KZN Operating Unit, Central East Cluster

ENQUIRY NUMBER : E3480DXKZNOU

TENDERER NAME : _____

MAQHASHIYA SOLAR PV ELECTRIFICATION PROJECT TECHNICAL TENDER FILE

The Technical file with evidence shall be structured and submitted according to the format stated in this document. The submission shall clearly denote the **TWO SECTIONS** of evidence in support of the tender submission in the file format. No other structure or format shall be accepted. The **TWO SECTIONS** of evidence shall compromise the following:

SECTION ONE: MANDATORY CRITERIA

- This section contains
 - Tenderer's Resource list, Tools and Equipment, Vehicle Register, Related Experience, Deviation Schedules, Technical Schedules, Confirmation Letters

SECTION TWO: FUNCTIONAL CRITERIA

- This section contains
 - Resource Capability, Tools and Equipment, Vehicle Register, Deviation and technical schedules

MANDATORY TECHNICAL EVALUATION CRITERIA

TENDERER'S RESOURCE LIST

1-M TENDERER'S RESOURCE LIST	
1.1.1	Tenderer's Resource List

TOOLS AND EQUIPMENT

2-M TOOL AND EQUIPMENT LIST	
1.2.1	Tool and Equipment list.

VEHICLE REGISTER

3-M VEHICLE REGISTER	
1.3.1	Vehicle Register.

EXPERIENCE REGISTERS

4-M RELATED EXPERIENCE	
1.4.1	Contractor's Experience Registers

DEVIAT ION SCHEDULES

5-M DEVIATION SCHEDULES	
1.5.1	Deviation schedule: PV Module
1.5.2	Deviation schedules: Inverter
1.5.3	Deviation schedules: Lithium Batteries

6 TECHNICAL SCHEDULES

6-M TECHNICAL SCHEDULES	
1.6.1	Technical schedules: PV Module
1.6.2	Technical schedules: Inverter
1.6.3	Technical schedules: Lithium Batteries

CONFIRMATION LETTERS

7-M CONFIRMATION LETTERS	
1.7.1	Confirmation letter :LTRINV_ESKMQS_001
1.7.2	Confirmation letter :LTRPV_ESKMQS_002
1.7.3	Confirmation letter :LTRLFP_ESKMQS_003
1.7.4	Confirmation letter :LTRCOR_ESKMQS_004

FUNCTIONAL EVALUATION CRITERIA

RESOURCE CAPABILITY

1-F RESOURCE CAPABILITY	
1.1.1	Project Manager Professional Registration
1.2.1	Civil Technician: Diploma
1.3	Quality Assurance
1.4	LV Authorization
1.5	Professional Quantity Surveyor
1.6	Installation Electrician

TOOLS AND EQUIPMENT

2-F TOOLS AND EQUIPMENT	
2.1	Tool and Equipment list.

VEHICLES

3 -F VEHICLE REGISTER	
3.1	Vehicle Register

DEVIATION AND TECHNICAL SCHEDULES

4-F TECHNICAL AND DEVIATION SCHEDULES	
4.1	PV Modules: Technical Schedule A and B
4.2	PV Modules: Deviation Schedule
4.3	Inverters: Technical Schedule A and B
4.4	Inverters: Deviation Schedule
4.5	Lithium Iron Phosphate Batteries: Technical Schedule A and B
4.6	Lithium Iron Phosphate Batteries: Deviation Schedule

