

MAQHASHIYA PV PROJECT

The Request for Proposal and Subsequent award of a contract for a Supply, installation, commissioning and maintenance of Solar Photovoltaic (PV), Inverter and Battery Energy Storage System (BESS) and Post Installation Maintenance for a period of 12 months for Maqhashiya Solar System House Project.

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This presentation provides an overview of the evaluation criteria for the tender enquiry concerning the supply, installation, commissioning, and maintenance of 5kW home solar PV systems for the 59 households and 1 school at Maqhashiya Village, located in KZN approximately 20km from Melmoth. The key areas covered include:

- **Mandatory Evaluation Criteria**
- **Functional Scoring Criteria**

- All tenders must meet the mandatory technical criteria. Any tender that fails to meet these criteria will be disqualified, deemed non-compliant, and considered non-responsive.
- Tenders that successfully pass the mandatory phase will proceed to be evaluated against the functional criteria.
- To be considered technically acceptable, a tender must achieve a minimum overall weighted final score of 80% in the functional evaluation.
- Only tenderers who achieve a minimum score of 80% in the Functional Scoring Technical Evaluation Criteria will be eligible to provide further clarifications to ensure full compliance with Eskom's technical requirements. This means that all technical requirements must ultimately be met at 100%.

- **No supporting evidence will be accepted after the tender submission deadline.**
- Bidders are advised to structure their submissions systematically to assist the TET in efficiently locating returnable and supporting documents. Utilize the **Technical Submission Pack** for proper organization and clarity.
- The Tenderer must list all deviations in the designated “Deviation Schedule” worksheet, providing clear reasons and any proposed alternatives. The document reference number, title, specific clause, and details of the deviation must also be clearly specified.

Mandatory Evaluation Criteria



Mandatory Evaluation Criteria

No.	Criteria	Returnable	Further Notes	Minimum / Quantity	Compliance
1.	Tenderer's Resource List	1 x <u>Complete and signed</u> Tenderer's Resource List page 1-3 For Resources to be Used on this Contract the Technical Team must be signed by the Managing Director/CEO/Owner in the presence of a commissioner of Oaths. "Completed" means that the company name and other relevant information are filled in AND the Tenderer's Resource List is not left blank		1 x <u>Complete and signed</u> Tenderer's Resource List of the Technical Team	Yes
2.	A completed, signed and commissioned Tool and Equipment list.	Page 1 and 2 of the Tool and Equipment List completed as follows: The submission must be completed (indicating owned or hired, and blanks will be treated as none however if all rows are left blank then the submission will be deemed as "not completed") AND the submission must be signed and certified by a Commissioner of Oaths.	The same tool and equipment list will be used for the Stage 2 scoring evaluation.	1 x Tool and Equipment List	Yes

Mandatory Evaluation Criteria:

No.	Criteria	Returnable	Further Notes	Minimum / Quantity	Compliance
3.	A completed and signed and commissioned Vehicle Register.	Vehicle register completed as follows: The submission must be completed with at least one correctly captured vehicle listed in the vehicle register. (see note below) AND the submission must be signed and certified by a Commissioner of Oaths. Note: The one vehicle mentioned must be an owned 4x4 Bakkie any additional vehicles can be either owned or hired. Correctly means that all the correct information must be captured in the correct column/sections. If the information is captured in the wrong column or is left blank it will be considered incorrect. If it is does not pertain to you state non applicable	The same vehicle register will be used for the Stage 2 scoring evaluation. Ensure that the submission is fully completed for use in the scoring evaluation. At this stage (mandatory) only the 4x4 bakkie will be evaluated against the mandatory criteria. A staff transport vehicle can be a double cab or a 7-seater vehicle. Staff transport is not permitted to have staff travel at the back of a bakkie. Note: Only the register will be used as evidence. Additional documents will not be considered.	1 x Vehicle Register	Yes

Mandatory Evaluation Criteria

No.	Criteria	Returnable	Further Notes	Minimum / Quantity	Compliance
4.	Contractor's Experience Registers related to Solar PV and BESS projects.	<u>Completed and signed</u> Contractor's Experience Register Signed by the Managing Director/CEO/Owner The required evidence must be contained in the Contractor's Experience Registers. And a reference letter, purchase order or handover certificate per job to be submitted. "Completed" means that the company name and other relevant information are filled in, AND relevant tables in the Contractor's Experience Registers contain information and are not left blank.		List of at least three previous roof top/ground or pole mounted solar PV projects that were designed, constructed, and commissioned, indicating installed PV, battery and inverter capacity, year of completion, location and client reference letter which shall include the client's contact details.	Yes

Mandatory Evaluation Criteria

No.	Criteria	Returnable	Further Notes	Minimum / Quantity	Compliance
5.	Submission of completed and signed deviation schedules.	a) Deviation Schedule: PV Module b) Deviation Schedule: Inverter c) Deviation Schedule: Lithium Batteries		1x deviation schedule : PV Module 1x deviation schedule : PV Inverter 1x deviation schedule : Lithium Batteries	Yes
6.	Submission of completed and signed Technical Schedules A and B.	a) Technical Schedule AB: PV Modules b) Technical Schedule AB: Inverter c) Technical Schedule AB: Lithium Batteries		1x technical schedule : PV Module 1x technical schedule : PV Inverter 1x technical schedule : Lithium Batteries	Yes

Mandatory Evaluation Criteria

No.	Criteria	Returnable	Further Notes	Minimum / Quantity	Compliance
1.	Submission of confirmation letters verifying adherence to testing and standards for the installation of solar PV and BESS, specifically for PV modules, inverters, the fire system and lithium batteries in the templates provided.	a) LTRINV_ESKM QS_001 b) LTRPV_ESKM QS_002 c) LTRLFP_ESKM QS_003 d) LTRCOR_ESKM QS_004			Yes

Functional Scoring Criteria



Functional Scoring Criteria : Resource Capability

No.	Criteria	Returnable	Score
1	Project Manager	Project Manager/Site Supervisor is required to be professionally registered (Professional Construction Project Manager (Pr. CPM) or Professional Construction Manager (Pr. CM)) with the South African Council for the Project and Construction Management Professions (SACPCMP).	2%
2	Civil Technician	National Diploma (NDip) in Civil Engineering AND professionally registered as a Pr Techni Eng with ECSA and affidavit	3%
3	Quality Assurance	PV Green Card Certification or equivalent	5%
4	LV authorisation for a resource employed at the tendering company during the tender period.	A copy of the LV authorisation letter issued by Eskom to the relevant resource. <u>OR</u> If resource is contracted in: Names, ID numbers, and relevant authorisation letter of the personnel deemed competent must be submitted. And a signed affidavit	3%
5	Professional Quantity Surveyor	Qualifications and Professional registration with the SA Council for the QS Profession (SACQSP) And a signed affidavit	2%
6	Installation Electrician (IE) or Electrical Tester for single phase applications.	IE card issued by the Department of Labour clearly showcasing the IE's registration number. And a signed affidavit	5%

Functional Scoring Criteria: Tools and Equipment

No	Criteria	Returnable	Score
1	Drilling machine	Tool List to indicate owned or hired. If the tools are being hired, then the Hire Letter from Bona Fide hiring company is to be included. Only the tool list included in this tender criteria document will be accepted as a valid return.	Total = 20% For OWNED: 0.8% per owned tool/equipment For HIRED: 0.8% for the first 10 hired tools thereafter a part mark of 0.4% will be applied for each tool where there is hiring of more than 10 of the stipulated tools
2	Compactor mechanical/hand		
3	Wood augers hand/electrical/petrol		
4	Multi-meter		
5	Cable roll out blocks		
6	Phase Rotation Tester		
7	Earth resistance tester		
8	Earth leakage tester		
9	Polarity tester		
10	Lever /Ratchet hoists		
11	Climbing shoes (pairs)		
12	DCP tester		
13	Barricading for trenches and excavations		
14	Hand excavation tools		
15	Metal stamping kit (6mm) for pole labelling		
16	General toolbox		
17	GPS		

Functional Scoring Criteria : Vehicles

Criteria	Returnable	Quantity	Weight
4x4 Bakkie	Proof of ownership on Vehicle Register (Annexure B) showing the 4x4 bakkie. Only the vehicle register included in this tender criteria document will be accepted as a valid return. OR Proof hiring on Vehicle Register (Annexure B) for the bakkie AND Hire Letter from Bona Fide hiring company to be included if hired. Only the vehicle register included in this tender criteria document will be accepted as a valid return.	Minimum = 1 Scoring will be 5% per vehicle with a maximum of 10%	Total = 10%
Staff transport vehicle	Proof of ownership on Vehicle Register (Annexure B) showing the staff transport vehicle. Only the vehicle register included in this tender criteria document will be accepted as a valid return. OR Proof hiring on Vehicle Register (Annexure B) for the staff transport vehicle AND Hire Letter from Bona Fide hiring company to be included if hired. Only the vehicle register included in this tender criteria document will be accepted as a valid return. If a double cab bakkie is available it can be used as staff transport and load carrier. However, if it is a 2-seater bakkie it cannot be used as staff transport.	Minimum = 1	Total = 10%

Functional Scoring Criteria : Technical A and B and Deviation Schedule

No.	Criteria	Returnable	Score
1	PV Modules	Deviation Schedule	3%
		Technical Schedule A and B	11%
2	Inverter	Deviation Schedule	3%
		Technical Schedule A and B	10%
3	Lithium Batteries	Deviation Schedule	3%
		Technical Schedule A and B	10%

- **Two Evaluation Phases:** Mandatory (non-response leads to disqualification) and Functional Scoring (out of 100%).
- **Functional Evaluation:** Minimum threshold of 80% required to proceed to clarification and engagement stages.
- **Ultimate Goal:** Ensure 100% compliance with Eskom's technical requirements for final acceptance.
- Ensure **all required Technical Schedules** and supporting documents are fully completed and submitted by the deadline.
- Organize submissions clearly and systematically using the **Technical Submission Pack** to streamline evaluation.
- Clearly document any deviations in the **Deviation Schedule**, with thorough explanations and references.

By adhering to these guidelines, bidders can enhance the likelihood of achieving technical compliance and a successful evaluation outcome.



Thank You!