

BRIEFING SESSION

NON-GRID ELECTRIFICATION PROGRAMME

MONITORING AND EVALUATION

23 October 2020



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Department: Mineral Resources &
Energy
REPUBLIC OF SOUTH AFRICA

BRIEFING SESSION AGENDA

1. **Welcome remarks and Introduction of officials**
2. **Technical Presentation**
3. **SCM presentation**
4. **Questions/Answer Session**
5. **Closure**



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BRIEFING SESSION AGENDA

1. Background
2. Problem Statement
3. Understanding scope
4. Payment schedule
5. Evaluation Criteria



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BACKGROUND

- Since its inception, the Non-grid programme has over 90000 Solar Home System (SHS) that are installed in different part of the country.
- It is planned that in the next 2 years over 45000 SHS will be installed at over R 400Million
- For the current F/Y , 15 000 SHS are planned to be installed
- The focus for installation and M&E will be in the following provinces: Limpopo, Kwazulu, Eastern Cape, Eastern Cape and Western Cape and any other province where needs may be identified
- Duration of the contract will be for three years ending March 2023, PSP will be appointed annually

PROBLEM STATEMENT

- Appointed non-grid service providers are installing different types of Solar Home System because we promote innovation
- Only 10% of installed SHS are physically verified for the purpose of processing of invoices
- No technical capabilities within the Department to ensure that large number of systems can both be physically and technically verified.
- The technical specifications are formulated to ensure that the SHS meet applicable standards for optimum operation, functionality, reliability, longevity and safety
- In the past our internal audit made serious findings relating to the projects and this include: duplications, data irregularity, customer not being found

SCOPE OF WORK

- Develop a database for all SHS installed
- Verify the compliance of installed SHSs to the specifications
- Confirm the quality and estimated lifespan of different SHS components through obtaining relevant certification from designated suppliers prior to the installation
- Conduct visual inspection and verify that the installation of each SHS is complete and available to the designated customer
- Verify that the SHS is installed to the public in the identified project areas.

SCOPE OF WORK cont..

- Verify the physical location of the SHS by using the GIS Coordinates supplied by the NGSPs responsible for the supply and installation of SHSs.
- Inspect the compliance of the installation to the established code of good practice applicable in the project area.
- Conduct sample measurement of the output expectation of the system supplied by NGSP
- Provide accurate reports to the Department of Energy with recommendations on non -compliance (if any) by NGSP.
- Evaluate the Socio Economic impact of the Non-Grid electrification programme to the communities that have been electrified through SHSs.

PAYMENTS SCHEDULES

Payments will be made based on the submission of the following:

- Inception report, with acceptable PV Verification Forms, Performance Review forms, Commissioning procedures, and Monitoring Information System: within two (2) weeks of appointment.
- Monthly Verification
- Follow-up Reports – as may be requested by the Department
- Final Report

NB: Professional indemnity

EVALUATION CRITERIA

Two-phased evaluation:

- 1) Functionality (refer to our bid document section 24)
- 2) Budget proposal (refer to our bid document section 2) consider the ff:
 - Time based fee
 - Cost for project management team
 - Monitoring one SHS installed
 - Evaluation SHS installed



THANK YOU



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