



sanedi

South African National Energy
Development Institute

**REQUEST FOR PROPOSALS TO APPOINT A SERVICE
PROVIDER FOR THE DESIGN AND IMPLEMENTATION OF A
PV WITH STORAGE MINI-GRID ENERGY SECURITY
INTERVENTION.**

Closing date: **09 February 2024**

Time: **11:00**

Submission format: Electronic submission to 2323.procurement@sanedi.org.za

Name of the respondent:.....



Late bids will not be accepted for consideration.

BID DETAILS

Bid Title	Request for proposals for the appointment of a service to design and implement a PV with storage mini-grid energy security intervention.
Procurement Reference Number	BID2323
Date of the Bid Clarification Meeting	02 February 2024
Date of TENDER	09 January 2024
Date of Tender CLOSING	09 February 2024 at 11:00am

CONTACT INFORMATION

Any enquiries regarding the bidding procedure may be directed to:

Ms Vulani Ngoveni
 Telephone: 011 038 4418
 E-mail: enquiries.procurement@sanedi.org.za

BIDDER’S DETAILS

NAME OF BIDDER

POSTAL ADDRESS

STREET ADDRESS

CONTACT PERSON

TELEPHONE NUMBER Code Number

CELL PHONE NUMBER Code Number

FACSIMILE NUMBER Code Number

E-MAIL ADDRESS

Signature of Bidder **Date**

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1. Notice And Invitation to Submit Proposals

The **SOUTH AFRICAN NATIONAL ENERGY DEVELOPMENT INSTITUTE** invites suitably qualified and experienced service providers to submit priced proposals for the supply of goods and services as indicated in the Scope of Works herein.

SANEDI is a research and development entity established as a juristic person in terms of the Energy Act, Act 34 of 2008. SANEDI' key focus areas are research and development into new energy technologies and energy efficiency.

Respondents must comply with the terms and condition as specified in this Bid Document either in their singular capacity or as part of a Joint Venture or consortium.

Potentially emerging enterprises and SMME's who satisfy criteria stated in the Submission Data may submit proposals

Only respondents who submit fully completed priced proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated

Queries relating to the issue of these documents may be addressed to:

Ms Vulani Ngoveni

Telephone: 011 038 4418

E-Mail: enquiries.procurement@sanedi.org.za

The closing time for receipt of Proposals is at:

11h00 on Friday the 09th of February 2024.

2. Submission Data – Specific Conditions of Contract.

1.	<p>The Employer</p> <p>The Employer is SANEDI and is referred to as the CLIENT or EMPLOYER.</p>
2.	<p>Composition of Bid Document</p> <p>The Call for Proposals, the price quotation and the Enterprises responding submission documents forms part of a BID DOCUMENT and may be referred to such further herein.</p> <p>The documents associated with the calling for Proposals issued by the employer comprise:</p> <p>Submission Criteria</p> <ul style="list-style-type: none"> • Notice and Invitation to Submit a Quotation • Submission Data – Specific Conditions of Contract • Evaluation Criteria and Scoring • Tax Clearance Requirements • Central Supplier Database (CSD) summary report <p>Returnable Schedules</p> <ul style="list-style-type: none"> • Enterprise Questionnaire • Technical Proposal & Methodology Statements • Tax Clearance Certificate • B-BBEE Declaration • Declaration of Interest • Certificate of Past Procurement Performance • Certificate of Bid Independence • Certificate of Acceptance – General Conditions of Contract • Certificate of Acceptance – Bid Evaluation and Scoring Criteria • Certificate of Understanding – Scope of Works • Certificate of Attendance – Tender Clarification Meeting • Pricing Schedule / Schedule of Rates • Form of Tender • Schedule of Proposed Amendments and Qualifications • Record of Addenda or Errata to the Bid <p><i>NB: BIDDER MUST SUBMIT PROOF OF REGISTRATION WITH THE CONSTRUCTION INDUSTRY DEVELOPMENT BOARD IN AN APPROPRIATE CONTRACTOR GRADING DESIGNATION; (SUBMIT REGISTRATION NUMBER OR PROOF OF REGISTRATION APPLICATION)</i></p> <p>Only respondents who submit fully completed Proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated</p>

3.	<p>Bid Clarification Meeting</p> <p>A compulsory briefing meeting with representatives of the Employer will take place Friday, the 02 February 2024 at 10:00am via TEAMS. Please use the below link to join;</p> <p>Microsoft Teams meeting</p> <p>Join on your computer, mobile app or room device</p> <p>Click here to join the meeting</p> <p>Meeting ID: 395 322 243 687</p> <p>Passcode: S2APyQ</p> <p>Download Teams Join on the web</p> <p>Learn More Meeting options</p>
4.	<p>ELECTRONIC RETURN OF SUBMISSIONS AND NO MANUAL SUBMISSION WILL BE ACCEPTED.</p> <p>Submissions / Bid Documents may be returned to the CLIENT by means of Electronic Submissions via E-Mail. The Submission E-Mail address designated is 2323.procurement@sanedi.org.za</p> <p>The Bidder shall ensure that the Bid Documents Returnable Schedules together with all Statutory Returns are duly completed, signed and scanned and uploaded to the designated E-mail address in a lock PDF format file.</p> <p>Documents transmitted in an editable format will be regarded as non-returns and may render the submission unresponsive. Telephonic, telegraphic, telex, and facsimile submissions offers will not be accepted.</p> <p>The size limit for SANEDI Email is 20 MB. Bidders may submit more than one E-mail.</p>
5.	<p>The closing time for submissions is as stated in the Notice and Invitation to Submit a Proposal Quotation, in the manner specified is</p> <p>Closing date: 11h00 on Friday the 09th of February 2024.</p> <p>NO Late submissions, or submissions not deposited in the designated e-mail address will be considered, and it is incumbent on the Bidder to ensure that their submission together with all supporting documentation is in the designated e-mail address before the closing Time and date specified.</p>
6.	<p>The Bidder holds SANEDI harmless and indemnifies SANEDI in the event of any failure that prevents or delays the bid submission from being in the designated Tender Box/email address at the time of Bid Closure.</p> <p>Bidders are prohibited from using SANEDI Staff acting as their couriers, agents or delivery mediums to deposit bids in the tender box, and the bidder acknowledges that the use of SANEDI staff in this way will immediately disqualify their tender submission.</p> <p>It is the sole responsibility of the bidder to ensure that the documents submitted via PDF format are not corrupt and that any corrupt documents received by the closing date will be automatically excluded from being evaluated.</p>
7.	<p>Information and data to be completed in all respects</p> <p>Accept that Bid offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the Employer as non-responsive.</p> <p>Accept that the Employer shall not assume any responsibility for the misplacement or Premature opening of the tender offer if the Bid is not submitted in the required format and clearly marked with the bid reference and placed in the designated tender box before bid closing.</p>
8.	<p>SANEDI reserves the right to rotate suppliers according to SANEDI's rotation policy.</p>
9.	<p>SANEDI reserves the right to independently verify Information that is submitted by the bidder.</p>
10.	<p>Bidders are prohibited and will be disqualified if they share resources amongst themselves for the same tender e.g. the proposed team member of company "A" is also a team member of company "B".</p>

3. Scope Of Works/Technical Specifications

3.1 BACKGROUND

Mining accounts for up to 60% of South Africa's exports, which is vital for the economic growth and sustainability of the country. The minerals South Africa exports are vital to the economies of the world for downstream manufacturing and thus for an integral part of global economics. However, it is also important to remember that there are some severe environmental impacts due to mining activities, not least of which include air quality as well as rainwater quality and atmospheric particulates that can be severely corrosive. The impact and the effect that this has on the mining industry itself as well as the business and residential support in surrounding occupied areas can significantly impact profit generation for South Africa.

Against the backdrop of providing energy security of supply for industry, particularly mining houses, as well as the South African National Defence Force this project aims to answer unique questions not yet addressed which can have significant impact on boosting the South African economy.

SANEDI, as a government partner, maintains a collaborative partnership with the Department of Defence (DOD) encompassing broad inter departmental support in the energy sector viz. training of members and support towards renewable energy and energy efficiency measure pilot implementation. SANEDI has become an integral partner to DOD in order to assess energy needs and be able to provide preliminary informed advice on plausible, sustainable renewable energy and energy efficiency interventions. SANEDI/DOD collaborations aim to address two main goals, viz., skills development and project implementation for renewable and energy efficient projects.

This project focuses on energy security under specifically South African conditions in a multi-mini-grid scenario with current passive energy efficiency implementation in parallel. In addition to supporting contributions from the DOD, there is also the provision of a “wet lab” in situ site for significant experimental data collection and monitoring, expected to lead to internationally peer-reviewed knowledge not currently available.

Research and development will ultimately be focussed on fact-based business case knowledge support towards the South African mining sector, and defence force, requirements for energy security and technology longevity and performance.

3.2 SCOPE OF WORK

Currently the project has advanced to design and implementation stage, information currently available includes:

- Energy requirements in kilowatts (500kW) for specific point to be served by initial mini-grid implementation
- A formal energy audit will be initiated in early 2024 however this scope of works will require utilization of information that is currently available in terms of load demand (monthly consumption in kWh)

The project will require the delivery of a full wrap offering including:

- System Design for 500kW electricity system
- Hardware including photovoltaic panels, inverters, batteries and all associated trunking, lagging, wiring and electronic components etc.
- Installation with the associated: labour, certificate of compliance, five-year service plan, hardware guarantees and warranties
- All associated data logging and live measurement data to be installed preferably with a web-based data logging system
- Delivery of hardware to site for storage and payment before 15 March 2024
- Project CIDB compliance including all required standards and safety regulations
- System commissioning and operationalisation by December 2024 is a prerequisite
- System must be modularized (inverters and batteries) to ensure energy security and be able to support additional mini-grid system integration

3.3 DELIVERABLES

Research and development focussed on fact-based business case knowledge support towards the South African mining sector, energy security and technology longevity and performance.

SANEDI has identified a secure site in Limpopo Province that has a variety of distinctive South African climatic conditions, allowing for technology testing under unique circumstances to add to the knowledge of how renewable and energy efficiency technologies can function in South African environments. This site is located very close to multiple-mineral mining operations and exposed to harsh environmental conditions leading to atmospheric particulates, acid rain and corrosion on surfaces, it is also a very warm environment with high solar irradiation and harsh atmospheric challenges.

Mining houses are being encouraged by government to ensure their own energy supply through implementation of renewable and/or alternate energy supply. However, there is, to date, no South African literature on what the effect of harsh environmental conditions will have on technology performance and longevity. This proposed project will determine an energy security solution that will also allow for multiple integrated technology testing under South African climatic and mining industry conditions.

The expected outcomes for the project include:

- Design of the first mini grid system to meet energy needs on the identified buildings
- A rooftop mounted PV system with battery backup that ensures consistent secure electricity supply to the identified buildings
- System warranties and guarantees as well as Service plan to be implemented across defined timeframes
- CIDB compliance
- All standards and safety compliance requirement

Project Management

The project shall be managed through SANEDI by the Renewables Manager. The consultant will work directly with the Renewables Project Manager. Any project related decisions raised by any party associated with the project compliance and physical application of the technology must be addressed through the SANEDI project manager directly as the contracting party.

Deliverables required of the consultant are listed in the table in section 4 below.

Additional conditions to consider when implementing this project include:

- Military Security (MS) compliance must be ensured for all civilian persons involved in the project/s
 - Requirement for the winning bidder working on site to be security cleared by Defence Intelligence
 - No foreign nationals are eligible to access the site
- Contractors must use identifiable uniform when on military installations
- The DOD and SANEDI are indemnified at all times against contractor loss or injury of any kind.

3.4 DURATION OF THE PROJECT

The project activities are anticipated to be executed and concluded within 12 months from signature of the contract, including the final project hand over. Where project activities experience delays, any deviation from the proposed timeline of activities (Work Plan) must be communicated to SANEDI in writing.

4. Preference Points

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender: - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 Preference Points applicable:

a) The applicable preference point system for this tender is the **80/20** preference point system.

1.3 Points for this tender shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 The maximum points for this tender are allocated as follows:

	POINTS
Price	80
Specific Goals	20
Total points for price and specific goals	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 SANEDI reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the SANEDI.

2. DEFINITIONS

- (a) “tender” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “price” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “rand value” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “tender for income-generating contracts” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “the Act” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).
- (f) “B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (g) “B-BBEE status level of contributor” means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (h) “bid” means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (i) “Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (j) “EME” means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

- (k) “functionality” means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (l) “proof of B-BBEE status level of contributor” means:
- B-BBEE Status level certificate issued by an authorized body or person;
 - A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - Any other requirement prescribed in terms of the B-BBEE Act;
 - “QSE” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc}
 \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\
 \mathbf{P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)}
 \end{array}$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)			Number of points claimed (80/20 system) (To be completed by the tenderer)
	Total points possible	Indicator	Points allocated	
B-BBEE Status level of Contributor	10	Level 1	10	
		Level 2	9	
		Level 3	8	
		Level 4	5	
		Level 5	4	
		Level 6	3	
		Level 7	2	
		Level 8	1	
		Non-compliant	0	
Women	5	Women Owned 76% - 100%	100%	
		Women Owned 51% - 75%	75%	
		Women Owned 26% - 50%	50%	
		Women Owned 5% - 25%	25%	

		Women Owned less than 5% - 0%	0%	
Youth	2.5	Youth Owned 76% - 100%	100%	
		Youth Owned 51% - 75%	75%	
		Youth Owned 26% - 50%	50%	
		Youth Owned 5% - 25%	25%	
		Youth Owned less than 5% - 0%	0%	
Persons with Disability	2.5	Person with Disability 76% - 100%	100%	
		Persons with disability 51% - 75%	75%	
		Persons with disability 26% - 50%	50%	
		Persons with disability 5% - 25%	25%	
		Persons with disability less than 5% - 0%	0%	
TOTAL FOR SPECIFIC GOALS	20			

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3 Name of the company/firm.....

4.4 Company registration number:.....

4.5 TYPE OF COMPANY/FIRM

Type of Firm	Tick the applicable box here
Partnership/Joint Venture/ Consortium	
One-person business/sole propriety	
Close corporation	
Public Company	
Personal Liability Company	
(Pty) Limited	
Non -Profit Company	
State Owned Company	

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised

in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person’s conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

5. Technical Evaluation Criteria

Qualifying criteria

MUST include:

- Installation with the associated: certified labour force, certificate of compliance, five-year service plan, hardware guarantees and warranties
- PV GreenCard or SAPVIA membership or similar

All bids received will be evaluated in two stages. The first stage will be the pre-condition compliance (*compulsory* and must be met before being able to pass onto the technical evaluation) and technical evaluation, the second is the financial and specific goals evaluation. The following are the evaluation criteria against which all bids will be assessed.

Criteria	Evidence	Scoring Guidelines [with scores judged between 1 and 10]	Weighting
1. Capacity, capability and experience of the company	Description of consulting company's capabilities must have relevant years in previous/current and applicable roles in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector	<p>0 = less than 5 years of relevant experience</p> <p>2 = 5 years of relevant experience as an energy engineering company with limited track record</p> <p>4 = 10 or more years of relevant experience as an energy engineering company with a proven track record of working in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>6 = 15 more years of relevant experience as an energy engineering company with a proven track record of working in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>8 = 20 more years of relevant experience as an energy engineering company with a</p>	20%

Criteria	Evidence	Scoring Guidelines [with scores judged between 1 and 10	Weighting
		<p>proven track record of working in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>10 = 25 or more years of relevant experience as an energy engineering company with a proven track record of working in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p>	
2. Qualifications of engineer	<p><i>Curriculum vitae</i> of consulting project manager and system designer highlighting relevant post graduate degrees and technical expertise; is PV Greencard or ECSA accredited or similar and can provide demonstrable <u>professional experiences</u>. (Being a member of the South African Solar Photovoltaic Industry Association would be advantageous)</p>	<p>0 = Does not have demonstrable experience provided</p> <p>4 = Little detail provided in demonstrable experience in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>6 = Some detail provided in demonstrable experience in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>8 = Detailed and demonstrable experience in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p> <p>10 = Highly detailed and exceptionally demonstrable experience in <u>projects/programs</u> in the solar PV with battery storage energy security solution sector</p>	10%
3. References Letters	Reference letters from clients, the bidder has	0 = no reference letter provided	10%

Criteria	Evidence	Scoring Guidelines [with scores judged between 1 and 10]	Weighting
	successfully worked with or implemented relevant projects in the solar PV with battery storage energy security solution sector.	2= 1 reference letter provided 4= 2 reference letters provided 6 = 3 reference letters provided 8 = 4 reference letters provided 10 = more than 4 reference letters provided	
4. Methodology outlining the understanding of the required project scope including lead times	Detailed methodology and system design of the work to be undertaken, including detailed information around the approach and implementation of: system design plan, project timings, project hardware specifications, troubleshooting solutions and after sales service. Costing of system design <i>MUST</i> be itemised in methodology submission	0 = no scope of work understanding or methodology provided methodology cost exceeds 20% of total project 1 = basic outline of the “Scope of Work” with little to no detail, methodology cost 15-20% of total project 5 = detailed methodology with general outlines of understanding and deliverables required including lead times, but no specific technical design or project plan provided, methodology cost 10-15% of total project 10 = highly detailed methodology that outlines a very clear understanding of deliverables required including lead times and an estimated range of activities required to achieve deliverables and outputs for each work item, methodology cost 10% or less of total project.	25%

Criteria	Evidence	Scoring Guidelines [with scores judged between 1 and 10]	Weighting
5. Hardware requirements	<p>System hardware specifications, all hardware <i>MUST</i> be quality approved (proof provided of SABS or similar):</p> <p>PV panels:</p> <ul style="list-style-type: none"> • 500W or higher • 20-22% efficiency • Extreme environment tolerance and/or resilience viz. hail tested, hard water, acid rain, high temperatures <p>Inverters:</p> <ul style="list-style-type: none"> • Modularised system for energy security • System self-protection features (e.g. Surge protection etc.) • Additional system integration guarantees (minimum 8 years) <p>Batteries:</p> <ul style="list-style-type: none"> • Guaranteed to a minimum of 10 000 cycles • Additional system integration guarantees (minimum 8 years) <p>Itemised hardware component costing including specifications is compulsory (as per template provided)</p>	<p>0 = No guaranteed system hardware performance <i>OR</i> information not provided</p> <p>2 = Minimal information with low specifications not meeting minimum requirements</p> <p>6 = Information on system specifications provided only with manufacturers manuals, but meets technical requirements, no integration information provided</p> <p>10 = Meets 90-100% of requirements, technical information is presented in an integrated manner offer full system performance overview and guarantees</p>	35%
Total			100%
Technical Threshold			80%

6. Returnable Schedules

6.1 Enterprise Questionnaire

Bidders must return submission date for all sections under item 6.1.1 – 6.1.4. On separate sheets where applicable.

Detailed documentation must be attached to this section under sub clauses 6.1.1 – 6.1.4 to provide substantive returns

6.1.1 Company Profile

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|--|---|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

6.1.2 Bidders Experience Profile

The experience of the tenderer or joint venture partners in the case of an unincorporated joint venture or consortium as opposed to the key staff members / experts in similar projects or similar areas and conditions in relation to the scope of work over the last five years will be evaluated.

Tenderers should very briefly describe his or her experience in this regard and attach this to this schedule.

The description should be put in tabular form with the following headings:

Description of work (service)	Value of work (i.e. the service provided) inclusive of VAT (Rand)	Date completed

6.1.3 Key Personnel

The tenderer should propose the structure and composition of their team i.e. the main disciplines involved, the key staff member / expert responsible for each discipline, and the proposed technical and support staff and site staff. The roles and responsibilities of each key staff member / expert should be set out as job descriptions. In the case of an association / joint venture / consortium, it should, indicate how the duties and responsibilities are to be shared.

The experience of assigned staff member in relation to the scope of work will be evaluated from three different points of view:

- 1) General experience (total duration of professional activity), level of education and training and positions held of each discipline specific team leader.
- 2) The education, training, skills and experience of the Assigned Staff in the specific sector, field, subject, etc which is directly linked to the scope of work.
- 3) The key staff members' / experts' knowledge of issues which the tenderer considers pertinent to the project e.g. local conditions, affected communities, legislation, techniques etc.

A CV of the Project Director and Team Leader of not more than 2 pages should be attached to this schedule, together with the Bidders organization and staffing demographics

DECLARATION OF BIDDER – ENTERPRISE QUESTIONNAIRE

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 5.1.1 – 5.1.3 schedule are within my personal knowledge and are to the best of my belief both true and correct.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.2 Technical Proposal & Methodology Statement

6.2.1 Solution Statement

The **Solution Statement and Methodology** must respond to the scope of work and outline the proposed technical solution offered. This technical solution statement should articulate what value add the tenderer will provide in achieving the stated objectives for the project and detail the time frames and proposed methodology. Vulture

The layout of the solution statement and Methodology should be such that it mirrors the headings contained in the Scope of Works, Section 6 of this Bid Document.

The tenderer must as such explain his / her understanding of the objectives of the assignment and the Employer’s stated and implied requirements, highlight the issues of importance, and explain the technical approach they would adopt to address them. The document should explain the technical attributes and contain specifications of all equipment proposed, to demonstrate the compatibility and capability of the solution. The technical paper should also include a quality plan which outlines processes, procedures for the testing and verification of deliverables, and meet the requirements and indicate how risks will be managed and what contribution can be made regarding value management. The Methodology statement must also include an activity Gantt reflecting a work breakdown structure.

DECLARATION OF BIDDER – TECHNICAL PROPOSAL AND METHODOLOGY STATEMENTS

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 5.2 schedule is within my personal knowledge and is to the best of my belief both true and correct.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date



6.3 Tax Clearance Certificate

The Bidder is to attach a Tax Compliance Status Pin here

6.4 Declaration of Bidder’s Past Supply Chain Management Practices

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - a. abused the institution’s supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury’s Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury’s website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <p><input type="checkbox"/></p>	<p>No</p> <p><input type="checkbox"/></p>

4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	<p>Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	<p>Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>

4.4.1	If so, furnish particulars:
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SBD 8

CERTIFICATION

I, the undersigned (full name).....

Certify that the information furnished on this declaration form is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.5 Certificate of Independent Bid Determination

I, the undersigned, in submitting the accompanying bid for

in response to the invitation for the bid made by SANEDI do hereby make the following statements that I certify to be true and complete in every respect:

I therefore certify, on behalf of

that I have read and I understand the contents of this Certificate;

1. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
2. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
3. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
4. For the purposes of this Certificate and the accompanying bid, I understand that the word “competitor” shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
5. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive bidding.
6. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.

7. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
8. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
9. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.6 Certificate of Acceptance – General Conditions of Contract

I, THE UNDERSIGNED (NAME).....

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the terms and conditions of contract are acceptable to the enterprise and that such contract will be acceptable to the enterprise should the contract or part thereof be awarded to the enterprise, and that such contract will be signed by the enterprise within 7 days of a request to sign the contract.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date



6.7 Declaration of Acceptance – Bid Evaluation Criteria

I, THE UNDERSIGNED (NAME).....

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with, and accept the Bid Evaluation, Scoring and Adjudication Criteria as contained in the Special Conditions of the Bid together with the General conditions as contained on the SANEDI web site, and acknowledge that we have read, understand and accept such as the methodology of bid evaluation and adjudication for this bid.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date



6.8 Declaration of Understanding – Scope of Works

I, THE UNDERSIGNED (NAME).....

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with the scope of works and technical specifications and all requirements enabling us to submit a proposal.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

7. Pricing Schedule

No:	Description of the activity	Price
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
Total		
Vat @15%		
Total inclusive of VAT		

<p>AMOUNT IN WORDS To be carried forward to Section 8 Form of Tender BID2323</p> <p>..... SIGNATURE OF BIDDER</p>	
--	--

I confirm that I am duly authorised to sign and certify that the price indicated on the schedule is our bid price submitted

NAME (PRINT) CAPACITY

SIGNATURE

NAME OF FIRM DATE

8. Form of Tender

11.	<p><u>Conditions of Acceptance</u></p> <ul style="list-style-type: none"> ▪ The Tenderer is required to complete this FORM of TENDER in every respect, and tenders will not be considered unless this FORM of TENDER is completed in every particular and each page is initialled by the tenderer and fully signed on this page. ▪ This Form of Tender shall be completed by the tenderer in black ink and no corrections, use of correcting fluids or any alterations will be permitted. ▪ The FORM of TENDER and price schedules shall be stated in South African Rand (ZAR) and the price indicated on the schedules shall be binding on the tenderer, and no exception shall be made for omissions, casting errors or errors of whatsoever nature. ▪ Where a tenderer is not returning a price for a line item, or costs associated with that line item are included in another line item, the tendered shall endorse that line item with the words, “No Cost” or “incorporated in Item (NO.....)” whichever being applicable.
12.	<p><u>Confidentiality</u> All information pertaining to the services acquired by SANEDI from the service provider or furnished to the service provider shall be treated as confidential by the service provider and shall not be used or furnished to any other person other than for the purposes of the services without the written Consent of the Accounting Officer unless such information is or later becomes public knowledge, other than by breach of the afore-going.</p>
13.	<p>The service provider shall ensure that all its officers, employees, agents or subcontractors treat all information relating to the services as confidential.</p>
14.	<p>The service provider shall ensure that proper security procedures are implemented and maintained to restrict, as far as possible, access to confidential information. The service provider shall ensure that no confidential information is copied or reproduced without prior written approval by the Accounting Officer.</p>
15.	<p>Failure by the service provider to comply with the provisions of this Clause shall constitute a material breach of the contract and shall constitute a ground for termination of the contract by SANEDI, by giving the service provider thirty days’ notice.</p>
16.	<p><u>Priced Proposal</u> The Bid is a <u>FIXED PRICE PROPOSAL</u> and clause 48 shall apply. Clause 49 is not applicable.</p>
17.	<p><u>FIXED PRICE PROPOSAL</u> The price quoted in the pricing schedule and returned in the Form of Tender is returned as a <u>FIXED PRICE PROPOSAL</u> valid for a period of contract and is not subject to cost price escalations, foreign currency variation or additionality as agreed in the Conditions of Contract</p>

18.	The Bidder is advised that SANEDI will remit the appointed service provider directly and shall be required to comply with all remittance requirements stipulated in the Conditions of Contract specific to this appointment.
19.	The Bidder is advised to plan and provide for all possible risks that may affect the delivery project on time and what mechanisms are in place to manage such risks.
20.	We/I the undersigned, who warrants that they are duly authorised to do so on behalf of the enterprise, confirms that the contents of the conditions of acceptance pertaining to the FORM of TENDER are acceptable, and having fully understood the scope of works and conditions of bidding, herewith warrant that We/I have satisfied ourselves as to the correctness and sufficiency of the rates and prices set out in the Schedule and therefore offer the following PRICE and offer to undertake the works in accordance with the standards and specifications required.
21.	The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that this Form of Tender is submitted in good faith, free of corrections, alterations or encumbrances and such price is binding on the enterprise for a period of 90 days from date of tender close and may be extended by mutual agreement between the parties for a further period of 90 days thereafter.
22.	We/I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
23.	We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to SANEDI in accordance with the requirements and specifications stipulated in bid number 2323 at the price/s quoted. This offer remains binding and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
24.	We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents in accordance with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services. The Bidder is advised to familiarise themselves with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services which can be viewed on the SANEDI Website at www.SANEDI.ORG.ZA
25.	We/I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
26.	We/I declare that we/I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.

I, THE UNDERSIGNED (NAME).....

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the Bid submitted has been checked and all prices shown are full and final, and inclusive of all taxes, levies, duties and encumbrances, and shall remain valid for a period of 90 days from date of Quotation Closure as depicted in the Submission Data Section of this Bid Document

Therefore our TOTAL Tender Price in respect of the Goods and Services requested under this Call for Proposals (BID REF 2323) as stated in South African Rand (ZAR) and upon the terms and conditions set out in the Bid Document free of exceptions, amendments or qualifications save those listed in Schedule 9 shall be:

Tender Amount R

Amount in Words

.....

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

9. Addenda

9.1 Proposed Amendments and Qualifications

27.	<p>The Tenderer should record any deviations or qualifications they may wish to make to the tender documents in this Returnable Schedule.</p> <p>If the space provided is insufficient, the Tenderer must reflect the headings and emphasis of matter in this schedule and provide detailed amplification of such deviations and qualifications in a separate sheet and incorporate such response in the singular bound bid document submitted at the time of Tender.</p> <p>The Tenderer accepts that the Client will, at its sole discretion determine the validity of such amendments and or qualifications and apportion weighting to such in addition to the BID SCOPE or evaluation criteria in the best interest of the Client.</p> <p>The decision of the Client in this regard is final, and the Client reserves the right to negotiate with a bidder to finalise the implications of such amendments and qualifications</p> <p>Tenderers must not include deviations or qualifications relating to the scope of work in this schedule where they are required to submit an Approach Paper.</p>						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%; padding: 5px;">Page</th> <th style="width: 30%; padding: 5px;">Clause or item</th> <th style="width: 55%; padding: 5px;">Proposal</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"></td> <td></td> <td></td> </tr> </tbody> </table>		Page	Clause or item	Proposal			
Page	Clause or item	Proposal					

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

9.2 Record of Addenda to Tender Documents

We confirm that the following communications received from the CLIENT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date