

REQUEST FOR QUOTATION

SENTECH INVITES SUPPLIERS FOR:

Project title:	VanRhynsdorp Solar Plant (Remaining Extent of Works)		
Quotation or Proposal no:	RFX6000003117		
RFQ Issue date:	24 October 2025		
Briefing Session	07 November 2025 @Gifberg C20 Sentech transmitter site. @11:00		
Closing date:	14 November 2025		
Closing time:	12h00	Validity period:	90 days

You are invited to provide a quote to deliver the goods, services or works defined in the Scope of Work.

QUOTATIONS OR PROPOSALS TO BE RETURNED TO:

Quotations Administrator	Zanele Zulu
Telephone no:	011 471 4000
E-mail:	Quotations6@sentech.co.za

Form of Offer and Acceptance

Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the services as stated in the RFQ: Scope of Work

The Service Providers, identified in the Offer signature block, has examined the documents listed in the RFQ and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of this RFQ.

By the representative of the Service Provider, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the Service Provider offers to perform all of the obligations and liabilities of the RFQ under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the RFQ.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VAT IS:

(in words)

Rand
 ;

R.....(in figures)

THE OFFERED PRICES ARE AS STATED IN THE PRICING SCHEDULE

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the Service Provider before the end of the period of validity stated in the RFQ, or other period as agreed.

Signature(s)

Name(s)

Capacity

For the

tenderer:

(Insert name and address of organisation)

Name &
signature of
witness

Date

Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the Service Providers Offer. In consideration thereof, the Employer shall pay the Service Provider the amount due in accordance with the conditions of the RFQ. Acceptance of the Service Providers Offer shall form an agreement between the Employer and the Service Provider upon the terms and conditions contained in this RFQ.

Deviations from and amendments to the documents listed in the RFQ and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the Service Provider and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The Service Provider shall within two days of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the RFQ. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the Service Provider receives one fully completed original copy of this document, including the Schedule of Deviations (if any).

Signature(s)

Name(s)

Name(s)

Capacity

for the
Employer

(Insert name and address of organisation)

Name &
signature of
witness

Date

RFQ Data

1. ADMINISTRATIVE RESPONSIVENESS CRITERIA

- 1.1. Suppliers are required to ensure that they meet all the Administrative Responsiveness Criteria. Suppliers that do not meet all the Administrative Responsive Criteria may not be awarded this Quote. It is the service provider's responsibility to ensure that they are tax compliant and that all required information is submitted to Sentech. Supplier's providing quotations must be registered on the Sentech Supplier Database.
- 1.2. **Quotations must be in a Company Letterhead.**
- 1.3. Quotations or Proposals must be received on or before the closing date and time specified on the Call for Quotation or Proposal document.
- 1.4. Quotations or Proposals must be fully completed and signed in BLACK ink.
- 1.5. Quotations must be submitted via Email.
- 1.6. The Tenderer undertakes to the Purchaser that it will treat as confidential the terms of this RFQ together with all the Purchaser's confidential information and will not disclose such confidential information to any person, firm or company (other than to its auditors and other professional advisers) or to the media, and will not use such confidential information other than for the purposes of this RFQ, subject always to any prior specific authorisation in writing by the Purchaser to such disclosure or use."

2. AWARD OF RFQ's

Sentech may appoint one or more suppliers, in whole or in part, or not appoint any supplier/s at all, and/or cancel the bid in its entirety, at Sentech's sole and exclusive discretion, in order to satisfy various needs which may be identified, and to manage certain risks associated with the supply of goods or services specified in respect of the Bid.

3. RATE OF EXCHANGE, CURRENCY FLUCTUATIONS AND CURRENCY

All bid prices quoted shall be in South African Rands (ZAR). If prices are in a foreign currency, the rate of exchange quoted shall remain fixed throughout the term of the agreement. Bidders will bear the risk of and all cost/s associated with currency fluctuations, therefore Bidders shall be required to manage such risk in their bid price.

4. GENERAL - PRICES

All prices shall be quoted in ZAR.

Unless written approval has been obtained from Sentech, no adjustment in contract prices will be made. Applications for price adjustment must be accompanied by documentary evidence in support of any adjustment.

5. PRICE NEGOTIATIONS

Sentech reserves the right to negotiate market related prices and discounts. If market-related prices are not agreed to, Sentech reserves the right to cancel the Bid.

6. EVALUATION CRITERIA

The evaluation criteria are stipulated in 7 below. It is the Bidder's responsibility to ensure that they have responded to the evaluation criteria. Failure to meet the evaluation criteria will result in the Bidder not being evaluated further. Bidders must ensure that they have included all supporting documentation required to support their response to the Bid

7. RFQ EVALUATION METHOD

This RFQ will be evaluated as described in the table below.

Evaluation Method	- Stage 1 – Administrative Responsiveness Evaluation All the Quotations will be evaluated against the Administrative responsiveness requirements as set out in section 2 of the RFQ Data. □ Stage 2 – Mandatory Evaluation Criteria The proposals that COMPLY with the administrative responsiveness requirements will be evaluated against the Mandatory Criteria. Suppliers that COMPLY with all the Mandatory Criteria will be evaluated further. - Stage 3 - Functional Criteria: Bidders qualifying in Mandatory criteria will be evaluated against the Functional Criteria. Bidders must score 25 points or more out of a total 40 points allocated. Bidders that score less than 25 points will not be evaluated further. Bidders who obtain the required threshold points of 25 points or more will qualify for further evaluation: - Stage 4 – Price and Preference Suppliers with the lowest Price offered will score the highest points. Only Suppliers that submit a valid B-BBEE Certificate can claim preference points in line with the 80/20 Suppliers with the highest number of points will be recommended for the award of this quotation, unless there are compelling and justifiable reasons not to do so.
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7.1. Mandatory Evaluation Criteria

Mandatory Eligibility Criteria NOTE: Bidders that do not comply with all the Mandatory Eligibility Criteria will not be evaluated further.		Attach Evidence	Provide the reference page number in your proposal
Item	Description		
1	CIDB grading		

Mandatory Eligibility Criteria		Attach Evidence	Provide the reference page number in your proposal
NOTE: Bidders that do not comply with all the Mandatory Eligibility Criteria will not be evaluated further.			
Item	Description		
	The company must have a Construction Industry Development Board (CIDB) grading level of 2EB or Higher	Valid CIDB proof with CRS number	
2	Registration with DoL	Attach a valid copy of the registration certificate of the Department of Labour, e.g. GS, GN number etc	
	The contractor (bidding company) must be registered as an electrical contractor with the Department of Labour		
3	Letter of Good Standing	Valid letter of Good Standing. The nature of business as per COIDA should be aligned with the scope of this tender.	
	Valid Letter of Good Standing for Occupational Injuries and Disease Act 130 Of 1993 (COIDA) with the Department of Employment & Labour’s Compensation Commissioner or Federated Employers Mutual (FEM) or Rand Mutual Assurance (RMA)		
4	Wireman’s Licence	Registration proof to be supplied (.i.e. Three(3) Phase Wireman’s Licence). Expired licences won’t be accepted.	
	Electrician must be registered with department of labour as a three-phase electrician (IE/MIE Number)		
5	ECSA Registered Professional	Attach a valid ECSA certificate for the registered professional	

	Proof of ECSA Registered Professional Engineer or Technologist	
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7.2. Functional Evaluation Criteria

	Evaluation scoring criteria based on compulsory covering sheet submitted	Max allowable points	Points allocation	Proof Required
1	Company experience in years	10	1-2 years = 1 pt; 3 -10 years = 5 pts; More than 10 years = 10 pts	Please include a mix of project references from the oldest projects to newest projects
2	Company combined installed capacity (kWp)	10	Less than 100kWp = 1 pt 101kWp – 200kWp = 5 pts Above 200kWp = 10 pts	Attach project reference sheet with details of installed capacity per client/customer. NB: Indicate size/capacity.
3	Number of completed GROUND MOUNTED systems	20	1-3=5pts; 4-5=10pts; More than 5=20pts	References required for ground mounted systems
	Total	40	The pass mark for further evaluation is 25 or more out of 40 points. Any points scored lower than the pass mark will render the submission disqualified.	

Total minimum qualifying functional score is 25 points.

8. Preference Point allocation – 80/20

Sentech's Specific goals emanate from the section 2(1)d of the Preferential Procurement Policy Act which may include contracting with persons or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability. The Reconstruction and Development Programme as published in Government Gazette No 16085 dated 23 November 1994

Sentech will award preference points as follows:

Goal	Points	Evidence required
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Historically disadvantaged by unfair discrimination on the basis of Race	10	A valid BBBEE Certificate showing at least 51% black ownership
	5	A valid BBBEE Certificate showing at least 25.1 – 50% black ownership
	3	Black owned company showing at least 5 – 25% black ownership
	0	Below 5%
Goal	Points	Evidence required
Historically disadvantaged by unfair discrimination on the basis of Gender (women)	8	A valid BBBEE Certificate showing at least 51% women ownership
	4	A valid BBBEE Certificate showing at least 25.1 – 50% women ownership
	2	A valid BBBEE Certificate showing at least 5-25% women ownership
	0	A valid BBBEE Certificate showing at less than 5% women ownership
Historically disadvantaged by unfair discrimination on the basis of disability	2	A doctor's note confirming disability, confirmation of disability from the Department of Labour, BEE certificate or equivalent confirmation.
Total Points	20	

9. Price Calculation 80/20

The following formula will be used to calculate the points for price.

Where:

Ps = Points scored for price of bid under consideration

Pt = Rand value of bid under consideration

P_{min} = Rand value of lowest acceptable bid

$$P_s = 80 - \frac{(P_t - P_{min})}{P_{min}}$$

P_{min}



10. Background

Sentech has developed a 55kW PV Plant at Vanrhynsdorp, Western Cape, which is currently pending completion. The percentage of work completed currently stands at approximately 85%, indicating that the majority of the construction and installation activities have been finalized. However, some critical components or finishing tasks remain outstanding before the project can be considered fully complete.

11. Scope Of Work

The scope of this project involves the appointment of a qualified service provider for the supply, installation, testing, and commissioning of a Grid-Tied Photovoltaic (PV) System at the Vanrhynsdorp Transmitter Station.

The appointed contractor will be responsible for completing the remaining installation works, conducting full system testing, and commissioning the PV system to ensure it is fully operational and compliant with all relevant standards.

The contractor will also be required to:

- Ensure the operational reliability of the PV System which covers the PV system functionality and installation.
- Assume full responsibility for the performance and integrity of the installation (performance guarantee).
- Enter into a 1-year maintenance contract to support ongoing system reliability.

The remaining scope of work also includes the following:

11.1. Solar Panel Array

- Replace 2 damaged solar panels.
- Install 2 missing solar panels at the entrance.
- Connect all solar panels and strings with DC isolators.
- Perform full array panel testing and string testing.
- Install UV-rated cable routes and conduits for DC wiring.
- Install anti-theft nuts on solar panel fixations.
- Address cable sleeve junctions with IP-rated junction boxes and proper collars.
- Cut and treat bent steel edges on panel tables with cold galvanising zinc spray.

- Spread additional crushed stones exposing plastic sheeting under panel tables.

11.2. Control and Monitoring Equipment

The following technical parameters are required to measure and monitor the plants:

- AC energy output at the point of supply (kWh);
- AC energy output from each inverter (kWh);
- Ambient air temperature (°C);
- Module temperature (°C);
- Global solar irradiation on plane of array (kWh/m²);
- Global solar irradiation on horizontal surface (kWh/m²). ☐ Wind speed (km/h)

A 24/7 metering and monitoring system are required, including the following:

- Web display with a content and functionality, similar or equally approved to SMA's "Webconnect";
- Weather station equipped with a pyranometer integrated with the web portal, similar or equally approved to SMA's "Meteo Station";

The display shall include the following minimum items:

- Current power in kW;
- Inverter comparison status;
- Energy for the current day and running total for the plant;
- Reimbursement;
- CO₂ avoided;
- Plant information, i.e. plant accumulated kWh to date and commissioning date;
- Current weather report;
- Graph with day, month, year and total options depicting the time and power (kW)
 - ☐ Theoretical Maximum kWh production vs Actual Maximum kWh production.

11.3. AC Distribution Boards and AC Works

- Address cable tightness at Tie-in breaker.
- Rework armoured cable gland entry.
- Secure armoured cables properly; replace undersized cable tray and add fixation points.
- Install proper glands for armoured and Surfex cables.

- Secure CT wiring and install missing mounting hardware.
- Reinstall crooked circuit breaker and Schneider PowerLogic meter.
- Repair grinder damage on DB panel.

11.4. SEC1000 Unit

- Connect all required cabling.
- Reinstall SEC1000 level on wall.
- Reroute UTP comms cable outside of mains DB.
- Rework PVC trunking joints for neatness and durability.
- Connect surge protection on communication cable (either side of the SEC1000 and Inverter.)

11.5. Fencing and Security

- Install razor wire on perimeter fence.
- Replace and/or repair rusting steel pillars with pre-galvanised powder-coated steel. (Entails removal of fence panels and realignment).
- Replace exposed self-drilling screws with safe fasteners.
- Rectify bulging fence panels and misaligned pillars.
- Replace poor welding at vehicle gate with spec-compliant brackets.
- Commission electric fence.
- Replace non-UV-rated PVC trunking for electric fence cables with suitable cableways.
- Straighten and gusset out-of-plumb fence posts.
- Corrosion treatment at various points on the gate

11.6. Site Works and Trenches

- Remove rocks, rubble, scrap panels, fencing, and tools from site.
- Connect water tap to tank and install pressure pump.
- Confirm if additional water points are required.

11.7. Inverter Installation

- Replace rusting mild steel bracket/frame with galvanised steel (recommend P2000 Unistrut).

- Secure inverter cables to cable tray; eliminate hanging cables.

11.8. Small Scale Embedded Generation (SSEG) Application

The contractor is expected to initiate the application process immediately upon appointment.

The contractor shall be responsible for the following:

- Documentation Preparation:

Compile all necessary technical and administrative documentation required for the SSEG application.

Ensure all documents meet the standards and formats prescribed by Eskom.

- Application Submission:

Submit the complete SSEG application to Eskom. Track and manage the progress of the application, including responding to queries or requests for additional information.

- Liaison and Coordination:

Act as the primary point of contact between Sentech and Eskom during the application process.

Coordinate with relevant stakeholders to ensure smooth processing.

- Compliance Assurance:

Ensure that the application complies with all applicable regulations, including NRS 097-2-1.

Advise Sentech on any technical or regulatory issues that may affect the approval of the application.

- Reporting:

Provide regular updates to Sentech on the status of the application.

Submit a final report upon completion, including confirmation of approval and any conditions attached.

11.9. Close-out and Handover: Compliance, Certification and Reports

The Contractor is responsible for commissioning the PV Plant. The following documentation and closeout procedures (in addition to various other key documents) are essential and forms part of the final handover to ensure all regulatory and performance standards have been met;

- Certificate of Compliance
- Commissioning Report
- Certificate of Completion
- Preparation of 2 sets of O&M manuals plus electronic version
- All test reports and results for tests to be carried out
- Operation and maintenance training of Employer staff (1 day)

12. Pricing Schedule

A. Provisional and General

#	Description NOTE: Items not covered by the schedule must be listed below. If quantities are zero, then provide rates only.	Unit	Qty	R/Unit	R Total
1	CONTRACTORS FIXED CHARGES	sum	1		
2	CONTRACTORS TIME RELATED ITEMS	sum	1		
3	All other items deemed necessary to complete the works (Specify):	sum			
3.1					
3.2					
Total excluding VAT carried forward					

B. PV Plant

#	Description NOTE: Items not covered by the schedule must be listed below. If quantities are zero, then provide rates only. Rates must be supplied with site conditions in mind and as per the requirements in the scope of works	Unit	Qty	R/Unit	R Total
4.	Solar Panel Array				
4.1	Supply Solar Panels	each	4		
4.2	Install Solar Panels	each	4		
4.3	Antitheft Nuts	sum	1		
4.4	Stringing and connection of Solar Panels	sum	1		
4.5	Full Panel Testing	sum	1		
4.6	String Testing	sum	1		
4.7	Supply: 19mm crushed stone for remaining areas of concern	sum	1		
4.8	Install: 19mm crushed stone for remaining areas of concern	sum	1		
4.9	Rework of cable sleeves at manhole	sum	1		
4.10	All other ancillary works and accessories as per 11.1	sum	1		
5	Control and Monitoring Equipment				
5.1	Supply: weather station	each	1		
5.2	Install: weather station	each	1		
5.3	Reinstallation of SEC1000	sum	1		
5.4	Remove and reroute UTP Comms Cable	sum	1		
5.5	Rework PVC Trunking	sum	1		
5.6	Supply Surge Protection on Communication Cable	each	2		
5.7	Install Surge Protection on Communication Cable	each	2		
5.8	System monitoring licence for lifespan of PV system (25 years)	each	1		

6.	AC Distribution Boards and AC works				
6.1	Install Cable Glanding and re-termination (between Main DB and AC DB (for a 35mm ² , 4 core – 3ph + E)	sum	1		
#	Description NOTE: Items not covered by the schedule must be listed below. If quantities are zero, then provide rates only. Rates must be supplied with site conditions in mind and as per the requirements in the scope of works	Unit	Qty	R/Unit	R Total
6.2	Supply Cable Tray 305mm wide Electric Orange (2m)	length	1		
6.4	Install Cable Tray 305mm wide Electric Orange (2m)				
6.3	All other ancillary works and accessories as per 11.3	sum	1		
7.	Fencing and Security	sum	1		
7.1	Install razor wire around perimeter fence				
7.2	Supply steel pillars with pre-galvanised powder-coated steel	each	2		29
7.3	Install steel pillars with pre-galvanised powder-coated steel	each	2		
7.4	Rectify Fence Panels and misaligned pillars	sum	1		
7.5	Commission Electric Fence (inclusive of Commissioning Certificate)	sum	1		
7.4	Replace conduits with PVC Trunking	sum	1		
7.5	Lock adjustment at Pedestrian gate	sum	1		
7.6	All other ancillary works and accessories as per 11.4	sum	1		
8.	Site Works and Trenches	sum	1		
8.1	Removal of Rocks rubble and other waste equipment	sum	1		
8.2	Install water tap to tank	sum	1		
8.3	Install pressure pump	sum	1		
9.	Inverter Installation	sum	1		
9.1	Supply galvanised steel frame	each	1		
9.2	Install galvanised steel frame	each	1		
9.3	Secure and neaten cables	sum	1		
10.	Labelling and notices	sum	1		
11.	Supply Spare PV Modules (optional)	each	5		
12.	Washing of entire system panels at least once off during 12-month maintenance period (P90 to be considered)	each	1		
13.	Certification, Compliance and Reports	sum	1		
Total excluding VAT carried forward					

Total

Total	Description	Total
A	PROVISIONAL AND GENERAL	
Total	Description	Total
B	PV PLANT	
1	SUB TOTAL 1 (Items A + B)	
2	PROVISIONAL SUM ITEMS	
2.1	SCADA integration	R30 000
2.2		
2.3		
2.4	ADD TOTAL OF PROVISIONAL SUM ITEMS (Items 2.1 to 2.3)	
3	SUB TOTAL 2 (Items 1 + 2.4)	
4	CONTINGENCY AMOUNT 10%	
5	ADD 15 % VAT	
6	TENDER TOTAL INCLUDING VAT (Items 3 + 4 + 5)	

