REQUEST FOR QUOTATION

SENTECH INVITES SUPPLIERS FOR:

Project title:	**APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY, DELIVERY AND INSTALLATION OF HIGH-SECURITY PERIMETER FENCING AT SENTECH FRANSCHOEK SITE UNDER SOUTHERN REGION**		
Quotation or Proposal no:	**RFX6000003660**		
RFQ Issue date:	**26 October 2026**		
Briefing session Date	**12 November 2026 @10:00 We will meet next to La Motte Fire Station(Robertsvlei Rd,(https://maps.app.goo.gl/D4KGC2H8H8qQKnSFA) then proceed to site**		
Closing date:	**26 November 2026**		
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 40000
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) .....

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	1. **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. 2. **Stage 2 – Functional Evaluation Criteria** The proposals that COMPLY with the Mandatory evaluation criteria be evaluated against the Functional Criteria. Suppliers meeting the minimum requirement will be evaluated further. 3. **Stage 3 – 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.

7.1. Mandatory Evaluation Criteria

Mandatory Eligibility Criteria	Compliant (Indicate Yes or No)	What Proof is required to show compliance to Mandatory Eligibility Criteria	Reference proof supplied by reference the page number where the information is located in your Tender submission
Valid COIDA Certificate		Attach a valid Letter of Good Standing from the Department of Labour/FEM. COIDA's Nature of Business to	

Mandatory Eligibility Criteria	Compliant (Indicate Yes or No)	What Proof is required to show compliance to Mandatory Eligibility Criteria	Reference proof supplied by reference the page number where the information is located in your Tender submission
		be aligned to Construction Industry	
Valid CIDB Certificate		Attach a valid CIDB Certificate: 1 SQ and above	
NOTE: Bidders that do not comply with all the above criteria will not be evaluated further.			

Functional Evaluation Criteria

Functional criteria	Points
The service provider must attach a list of completed projects as the main contractor in erecting fencing. (Completion certificates to be attached). • Three (3) Projects Completed…….. 30 Points • Two (2) and more Projects Completed ….. .20 Points • One Projects Completed……..10 Points • No Projects Completed……0	**30**
Client References Reference letters from contactable references for similar projects that were listed on the above criteria in scope and contract value. • Three (3) reference letters submitted…… 30 Points • Two reference letters submitted…….. 20 Points • One reference letter……..10 Points • No Reference letters……..…… ..0 Points • NB: No letters of appointment or completion certificates will be accepted for this purpose as these do not sufficiently elaborate on principles such as workmanship and work ethic.	**30**
Experience of Key Personnel Bidders to attach CVs for site foreman with 3 years of experience in construction industry (Fencing or Civils) • Foreman with 3 years and more experience……20 points • Foreman with 2 years of experience……10 points • Foreman with one year and less years of experience …….5 points	**20**
Construction Programme Project programme with realistic time frames, key tasks clearly defined and critical path depicted. (The programme may be presented in any format) • Compressive Realistic Project Programme submitted ……20 Points • Average unrealistic Project Programme submitted…… 5 Points • Project Programme not submitted……0 Points	**20**
Total Points.	**100**
The minimum threshold for the functionality will be 70 of 100 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
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%
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.

$$Ps = 80 \left[1 - \frac{Pt - Pmin}{Pmin} \right]$$

Where:

Ps	=	Points scored for price of bid under consideration
Pt	=	Rand value of bid under consideration
Pmin	=	Rand value of lowest acceptable bid

APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY, DELIVERY AND INSTALLATION OF HIGH-SECURITY PERIMETER FENCING AT SENTECH FRANSCHOEK SITE UNDER SOUTHERN REGION

BACKGROUND

Sentech SOC Ltd is a State-Owned Company and South Africa's leading provider of broadcasting signal distribution services. Sentech operates telecommunications infrastructure supporting television, radio, satellite, broadband and digital communication services throughout the country.

To improve the physical security of its infrastructure, Sentech intends appointing a suitably qualified and experienced Contractor for the **supply, delivery and installation of a new high-security perimeter fence at the Sentech Franschhoek Site**.

The works comprise the setting out, excavation and construction of concrete foundations, supply and installation of high-security Clear View welded-mesh fencing, galvanized steel posts, security topping, pedestrian access gate, vehicle access gate and all associated works required to provide a complete, secure and operational perimeter.

The approximate fence length is **70 metres**. The Contractor shall verify the actual fence alignment, dimensions, levels, gate positions and quantities on site before procurement, fabrication and installation.

The Contractor shall provide a complete installation in accordance with this Scope of Works, approved manufacturer specifications, applicable standards and Sentech requirements.

2. CONTRACT CONDITIONS

The Works shall be executed in accordance with:

- Applicable Sentech contract and procurement conditions.
- **General Conditions of Contract for Construction Works (GCC 2025), 3rd Edition**, where incorporated into the contract.
- Occupational Health and Safety Act, Act 85 of 1993.
- Construction Regulations and all applicable regulations issued under the OHS Act.
- Applicable South African National Standards (SANS).
- Applicable requirements for hot-dip galvanizing, including **SANS/ISO 1461** where applicable.
- Manufacturer's specifications and installation requirements for the fencing system, steelwork, concrete, gates, fixings and security topping.
- Sentech Health and Safety Specifications.
- Sentech Technical Specifications.
- Employer's drawings, specifications and written instructions.

Where there is any conflict between the Contractor's proposal and this Scope of Works, the Contractor shall obtain written clarification from Sentech before proceeding.

The Contractor shall not deviate from the specified materials or system without prior written approval from Sentech.

2.1 Defects Liability Period

The Defects Liability Period shall be **twelve (12) months** from the date of Practical Completion, unless otherwise stated in the final contract or purchase order.

During the Defects Liability Period, the Contractor shall rectify defects attributable to defective workmanship, incorrect installation or failure of supplied components at no additional cost to Sentech.

2.2 Warranties

The Contractor shall provide a minimum:

- **Five (5) year workmanship warranty** covering the fencing installation and associated workmanship.
- Manufacturer's warranties for fencing system components where applicable.
- Manufacturer's warranties for gate hardware and locking mechanisms where applicable.
- Applicable warranties for galvanized steel components.
- Applicable warranties for security topping and associated accessories.

The warranty shall not relieve the Contractor of any obligations under the Defects Liability Period or applicable contract conditions.

2.3 Contract Period

The Contractor shall submit a proposed construction programme with the quotation.

Following appointment, the Contractor shall provide a detailed programme indicating the planned commencement, procurement, fabrication, installation and completion dates.

The Contractor shall allow for all reasonable site constraints, material lead times and operational requirements associated with the Sentech telecommunications site.

No work shall commence until the required Health and Safety File has been submitted and approved and the site has been formally handed over.

3. SCOPE OF WORKS

The Contractor shall provide all labour, supervision, plant, equipment, transport, materials, tools, consumables, temporary works and incidentals necessary for the complete execution of the Works.

The Scope includes, but is not limited to:

1. Site inspection and verification.
2. Site establishment and setting out.
3. Provision of temporary water and ablution facilities.
4. Protection of existing infrastructure and services.
5. Excavation for post foundations.
6. Supply and placement of 30 MPa concrete foundations.
7. Supply and installation of 76 × 76 × 3 mm SHS galvanized steel posts.
8. Supply and installation of 1.8 m high Clear View high-security welded-mesh panels.
9. Supply and installation of all anti-vandal panel fixing systems.
10. Supply and installation of moisture-proof post caps.
11. Supply and installation of 500 mm galvanized concertina security coil.
12. Supply and installation of one pedestrian gate.
13. Supply and installation of one 5 m wide double-leaf vehicle gate.
14. Installation and adjustment of all gate hardware and locking mechanisms.
15. Making good of disturbed areas.
16. Removal of construction waste and surplus material.
17. Final inspection, snagging and handover.
18. Submission of all required compliance, quality and close-out documentation.

3.1 Preliminary and General Requirements

The Contractor shall:

- Attend the compulsory site briefing/site inspection where required.
- Inspect the site and familiarise themselves with existing conditions.
- Verify all dimensions and quantities before ordering materials.
- Verify the approximately 70 m fence length on site.
- Confirm the final fence alignment and gate positions with the Sentech Representative.
- Identify existing underground and above-ground services before excavation.
- Set out the fence accurately.
- Provide all required supervision, labour, plant, equipment and transport.
- Provide suitable storage facilities for materials.
- Provide temporary works necessary for safe execution of the Works.
- Provide and maintain suitable potable water and ablution facilities for Contractor personnel.

- Protect existing buildings, equipment, roads, services, structures and other Sentech assets.
- Maintain suitable access to operational areas of the site.
- Maintain the work area in a safe and orderly condition.
- Remove all construction debris and surplus materials upon completion.
- Reinstate disturbed areas to an acceptable condition.
- Comply with all Sentech access-control and security requirements.

The Contractor shall be deemed to have allowed for all costs associated with site establishment, access, transport, handling and installation.

3.2 Site Verification and Setting Out

Prior to commencement, the Contractor shall verify:

- Actual fence length.
- Fence alignment.
- Ground levels and variations.
- Existing boundary conditions.
- Location of underground and above-ground services.
- Position and operation of existing access arrangements.
- Proposed pedestrian gate position.
- Proposed vehicle gate position.
- Required gate opening and swing direction.

The Contractor shall obtain approval from the Sentech Representative before finalising the setting out.

The approximate quantity of 70 m shall not relieve the Contractor from verifying the actual requirements on site.

3.3 Excavation and Foundation Works

The Contractor shall excavate foundations for all fence posts and gate posts.

Foundation excavations shall generally be:

600 mm × 400 mm

with a suitable depth and configuration to provide a stable installation, subject to site conditions and approved installation requirements.

The Contractor shall:

- Excavate accurately to the required dimensions.
- Trim and level excavation bottoms.

- Remove unsuitable material.
- Prevent collapse of excavations.
- Protect existing services.
- Dispose of surplus unsuitable material at an approved location.
- Backfill around completed foundations where required.
- Compact backfill adequately.
- Make good all disturbed surfaces.

Where actual ground conditions differ materially from those anticipated, the Contractor shall notify the Sentech Representative before proceeding with alternative foundation arrangements.

3.4 Concrete Foundations

Concrete foundations shall be a minimum **30 MPa concrete**.

The Contractor shall:

- Supply and place approved concrete.
- Ensure foundations are correctly positioned.
- Ensure posts remain plumb and correctly aligned during concrete placement.
- Prevent movement of posts during curing.
- Compact concrete adequately.
- Cure concrete in accordance with applicable requirements.
- Keep concrete clear of the finished fence panels and fittings where required.
- Provide concrete test/compliance documentation where requested.

All foundations shall be constructed to provide adequate stability for the specified high-security fencing system.

3.5 High-Security Clear View Fence

The Contractor shall supply, deliver and install a complete high-security Clear View welded-mesh perimeter fence comprising:

Fence

- Approximate total length: **70 m**
- Height: **1.8 m**
- High-security welded-mesh / Clear View-type fencing system.
- Mesh aperture: **12.6 mm × 76.2 mm**.
- Wire diameter: **3.4 mm**.
- Panels shall be manufactured from suitable high-strength steel wire.
- Panels shall be hot-dip galvanized or supplied with the approved specified corrosion-protection system.

- Panel orientation may be horizontal or vertical as permitted by the approved manufacturer/system.
- Panel length shall preferably be **2.5 m**.
- **3.0 m panels may be used where appropriate**, subject to site configuration and Sentech approval.
- Panels shall be installed straight, level and securely fixed.

The finished fence shall provide a continuous high-security barrier with no accessible gaps or openings that compromise the intended security function.

3.6 Fence Posts

Fence perimeter posts shall be:

76 × 76 × 3 mm Square Hollow Section (SHS) steel posts.

Posts shall:

- Be hot-dip galvanized.
- Be of suitable structural quality for the specified fencing system.
- Be installed plumb and accurately aligned.
- Be securely embedded in concrete foundations.
- Be supplied in full lengths suitable for the installation.
- Not be joined, extended or welded together to achieve the required height unless specifically approved by Sentech.
- Be provided with moisture-proof/weather-resistant caps.
- Be free from unacceptable distortion, damage or defects.
- Have a smooth galvanized finish, substantially free from excessive lumps, globs, sharp projections or other defects that may affect installation or safety.

All hollow sections shall, wherever reasonably practicable, be supplied as continuous sections without intermediate joints.

3.7 Fence Panel Fixings

All Clear View panels shall be securely fixed to the 76 × 76 × 3 mm SHS posts using approved **anti-vandal metal security fixtures**.

Fixings shall:

- Be suitable for the specified Clear View fencing system.
- Be corrosion resistant and compatible with the galvanized steelwork.
- Prevent unauthorised removal of fence panels.
- Be robust enough for the intended security application.
- Be installed in accordance with the manufacturer's recommendations.
- Not protrude in a manner that creates unnecessary safety hazards.

The Contractor shall provide all bolts, brackets, clamps, nuts, washers and other accessories required for a complete installation.

3.8 Galvanizing and Corrosion Protection

All steel fencing components, posts, frames, brackets, fixings and miscellaneous steelwork shall have suitable corrosion protection.

Unless otherwise approved, steel components shall be **hot-dip galvanized**.

The galvanizing shall:

- Comply with applicable SANS/ISO 1461 requirements.
- Provide a continuous and durable protective coating.
- Be suitable for the environmental conditions at the Franschhoek site.
- Be substantially free of excessive lumps, globs, sharp points and unacceptable surface defects.
- Not be damaged during transportation, handling or installation.

Any damage to the protective coating caused during installation shall be repaired using an approved compatible galvanizing repair system.

The Contractor shall submit galvanizing compliance documentation/certificates for review by Sentech.

3.9 Security Topping – Concertina Coil

The Contractor shall supply and install approximately **500 mm high galvanized concertina security coil** along the top of the perimeter fence.

The installation shall include:

- Galvanized concertina coil.
- Suitable galvanized support brackets.
- All required fixing brackets and accessories.
- Corrosion-resistant tie/fixing materials.
- Secure attachment to the fence structure.
- All necessary end restraints and connection accessories.

The concertina coil shall be installed continuously and securely along the fence line.

The Contractor shall ensure that the security topping is installed in a manner that does not compromise the structural integrity of the fence.

The installation shall comply with the manufacturer's requirements and applicable site safety requirements.

3.10 Pedestrian Access Gate

The Contractor shall supply and install **one (1) single-leaf pedestrian gate**.

The pedestrian gate shall:

- Be approximately **1.8 m high**, matching the fence height.
- Incorporate matching high-security Clear View welded mesh.
- Be manufactured using suitable galvanized steel framing.
- Be securely fixed to galvanized gate posts.
- Have heavy-duty hinges suitable for the gate size and operating frequency.
- Include a suitable security lock/latch arrangement.
- Include anti-vandal hardware.
- Include suitable stops to prevent over-opening.
- Operate smoothly without binding.
- Be aligned with the adjacent fencing.
- Be provided complete with all necessary hardware and accessories.

The final gate width shall be confirmed on site with Sentech before fabrication.

3.11 Vehicle Access Gate

The Contractor shall supply and install **one (1) double-leaf vehicle access gate**.

The overall clear opening shall be:

5.0 metres

comprising:

- **2 × 2.5 m gate leaves**
- Approximate height: **1.8 m**

The gate shall:

- Incorporate matching high-security Clear View welded mesh.
- Have galvanized steel frames.
- Have suitably sized galvanized gate posts.
- Have heavy-duty hinges.
- Include anti-vandal security hardware.
- Include a suitable security locking mechanism.
- Include central locking provisions.
- Include ground/drop bolts to secure the gate leaves when closed.
- Include suitable gate stops.
- Be accurately aligned and level.
- Open and close smoothly.

- Be suitable for regular vehicle access.

The final gate opening, swing direction and gate positioning shall be confirmed on site before fabrication.

Unless specifically instructed otherwise, the gates shall be **manual gates**. No automated gate motor, electrical access-control system, intercom or associated electrical installation shall be deemed included in this Scope.

3.12 Protection of Existing Services and Infrastructure

The Contractor shall take all reasonable measures to prevent damage to:

- Existing buildings.
- Roads and paved areas.
- Underground services.
- Electrical infrastructure.
- Communication infrastructure.
- Existing fencing and gates where retained.
- Drainage infrastructure.
- Other Sentech assets.

The Contractor shall be responsible for repairing damage caused by its operations, negligence or failure to take reasonable precautions.

No excavation shall commence until the Contractor has established the location of known services and obtained the necessary approval to proceed.

3.13 Quality Assurance and Quality Control

The Contractor shall implement a documented Quality Control Programme for the Works.

The **Quality Control Programme shall be submitted to Sentech for review before commencement of any work.**

As a minimum, quality control shall cover:

- Material approval.
- Verification of mesh aperture.
- Verification of wire diameter.
- Verification of post dimensions.
- Galvanizing compliance.
- Foundation dimensions.
- Concrete strength.
- Post alignment and verticality.

- Fence panel alignment.
- Security fixing installation.
- Gate dimensions and operation.
- Concertina installation.
- Final inspection.

The Contractor shall submit, where applicable:

- Product datasheets.
- Manufacturer's technical information.
- Certificates of compliance.
- Galvanizing certificates.
- Concrete compliance/test certificates.
- Material certificates.
- Gate hardware specifications.
- Warranty certificates.
- Quality inspection records.

No unapproved substitution of specified materials shall be permitted.

3.14 Occupational Health and Safety

The Contractor shall comply fully with:

- Occupational Health and Safety Act, Act 85 of 1993.
- Construction Regulations.
- Applicable regulations issued under the OHS Act.
- Sentech Health and Safety Specifications.
- Site-specific safety requirements.

Before commencement, the Contractor shall submit the required Health and Safety File for review and approval.

The Safety File shall include, as applicable:

- Contractor appointment documentation.
- Risk assessments.
- Method statements.
- Safe work procedures.
- Emergency procedures.
- Proof of employee competency.
- Medical fitness certificates where required.
- Training records.
- PPE requirements.
- Equipment inspection records.
- Relevant permits.
- Fall protection requirements where applicable.
- Excavation safety requirements.

- First-aid arrangements.
- Incident reporting procedures.

No work shall commence until the Health and Safety File has been approved by Sentech.

All personnel shall attend the required Sentech site induction before accessing the work area.

The Contractor shall provide suitable PPE and ensure that all personnel comply with site safety requirements.

Particular attention shall be given to:

- Excavation safety.
- Handling of sharp welded mesh.
- Handling and installation of concertina security coil.
- Manual handling.
- Cutting/grinding operations where applicable.
- Gate installation and lifting.
- Working around operational telecommunications infrastructure.

3.15 Environmental Requirements

The Contractor shall:

- Prevent pollution of the site.
- Prevent uncontrolled discharge of concrete, cement or other materials.
- Store materials responsibly.
- Remove all waste from the site.
- Dispose of waste at approved disposal facilities.
- Prevent unnecessary damage to vegetation and surrounding areas.
- Reinstate disturbed areas.
- Prevent construction materials from obstructing drainage systems.
- Maintain the site in a clean and orderly condition.

No waste shall be buried or left on Sentech property.

3.16 Local Labour

Where reasonably practicable, the Contractor shall utilise local labour for suitable general and semi-skilled activities.

The Contractor shall maintain appropriate labour records and provide labour information when requested by Sentech.

3.17 Programme and Progress Reporting

The Contractor shall submit a detailed programme following appointment.

The programme shall include:

- Procurement of materials.
- Site establishment.
- Setting out.
- Excavation.
- Foundation construction.
- Post installation.
- Fence panel installation.
- Gate fabrication/installation.
- Concertina installation.
- Testing and inspection.
- Snagging.
- Final completion.

The Contractor shall provide progress updates and photographs when requested by Sentech.

Any anticipated delay shall be communicated to the Sentech Representative as soon as it becomes apparent.

3.18 Site Constraints

The Contractor shall allow for:

- Restricted access to the telecommunications site.
- Sentech operational requirements.
- Security and access-control procedures.
- Weather conditions.
- Material delivery requirements.
- Existing services.
- Restricted working areas.
- Coordination with Sentech personnel.
- Protection of existing infrastructure.

The Contractor shall coordinate its activities with the Sentech Representative to minimise disruption to site operations.

3.19 Personnel

The Contractor shall provide suitably qualified and experienced personnel appropriate to the Works, including as a minimum:

- Competent Site Supervisor/Foreman.
- Fencing installation personnel.
- Skilled steel/fencing installers.
- General labourers.

All personnel shall be appropriately trained and competent for the work they undertake.

3.20 Handover and Completion

On completion, the Contractor shall:

- Inspect the entire fence installation.
- Rectify all identified defects and snags.
- Ensure all posts are plumb and secure.
- Ensure all panels are properly fixed.
- Ensure all gates operate correctly.
- Demonstrate operation of both gates to Sentech.
- Ensure all locks, latches, drop bolts and stops are functional.
- Ensure the concertina security topping is securely installed.
- Remove all construction waste.
- Clean the work area.
- Reinstate disturbed areas.
- Remove temporary facilities.
- Submit all required close-out documentation.

The Works shall only be considered complete once the Sentech Representative is satisfied that the installation is complete, secure, operational and compliant with the Scope.

4. TECHNICAL SPECIFICATIONS – SUMMARY

Component	Requirement
Fence Type	High-security Clear View / welded mesh
Approximate Length	70 m
Fence Height	1.8 m
Mesh Aperture	12.6 mm × 76.2 mm
Wire Diameter	3.4 mm
Preferred Panel Length	2.5 m

Alternative Panel Length	3.0 m where suitable
Perimeter Posts	76 × 76 × 3 mm SHS
Post Finish	Hot-dip galvanized
Foundation	600 × 400 mm minimum
Foundation Concrete	30 MPa
Post Caps	Moisture-proof/weather-resistant
Panel Fixings	Anti-vandal metal security fixtures
Security Topping	500 mm galvanized concertina coil
Pedestrian Gate	1 × single-leaf, approx. 1.8 m high
Vehicle Gate	1 × double-leaf, 5 m overall opening
Vehicle Gate Leaves	2 × 2.5 m
Gate Height	Approx. 1.8 m
Workmanship Warranty	5 years
Defects Liability Period	12 months

5. CONTRACTOR SUBMITTALS

The Contractor shall submit the following for Sentech review/approval prior to commencement where applicable:

1. Product datasheets.
2. Clear View fence manufacturer's specifications.
3. Mesh aperture confirmation.
4. Wire diameter confirmation.
5. 76 × 76 × 3 mm SHS post specifications.
6. Galvanizing compliance certificates.
7. Foundation/concrete details.
8. Gate fabrication details.
9. Gate hardware and locking details.
10. Concertina coil specifications.
11. Quality Control Programme.
12. Construction programme.
13. Method statements.
14. Risk assessments.
15. Health and Safety File.
16. Material compliance certificates.
17. Warranty documentation.

6. COMMERCIAL AND CONTRACTUAL REQUIREMENTS

The Contractor's tendered rates shall be deemed to include all costs necessary for the complete execution of the Works.

Rates shall include, but not be limited to:

- Labour.
- Materials.
- Plant and equipment.
- Transport.
- Loading and offloading.
- Supervision.
- Setting out.
- Excavation.
- Concrete works.
- Fence posts.
- Fence panels.
- Fixings.
- Gate fabrication and installation.
- Gate hardware.
- Concertina security topping.
- Temporary works.
- Water.
- Ablution facilities.
- Health and Safety compliance.
- Safety File.
- Quality Control.
- Testing and inspections.
- Waste removal and disposal.
- Site establishment and de-establishment.
- Making good and reinstatement.
- Overheads.
- Profit.
- All other costs required to provide a complete installation.

The Contractor shall be deemed to have inspected the site and allowed for all conditions that could reasonably affect the execution and cost of the Works.

6.1 Variations

No variation, substitution or additional work shall be undertaken without written instruction or approval from Sentech.

The Contractor shall notify Sentech of any condition that may affect the scope, cost or programme before undertaking additional work.

6.2 Measurement and Payment

Payment shall be based on satisfactorily completed and accepted Works in accordance with the approved BOQ and contractual requirements.

All BOQ rates shall be fully inclusive unless specifically stated otherwise.

Quantities indicated in the BOQ are approximate and shall be verified on site.

6.3 Subcontracting

The Contractor shall not subcontract any substantial portion of the Works without prior written approval from Sentech.

The appointed Contractor shall remain fully responsible for the performance, quality and safety of any approved subcontractor.

6.4 Insurance

The Contractor shall maintain all insurance required in terms of the Sentech contract, including applicable public liability and contractor's insurance requirements.

Proof of insurance shall be submitted when requested.

6.5 Protection of Sentech Property

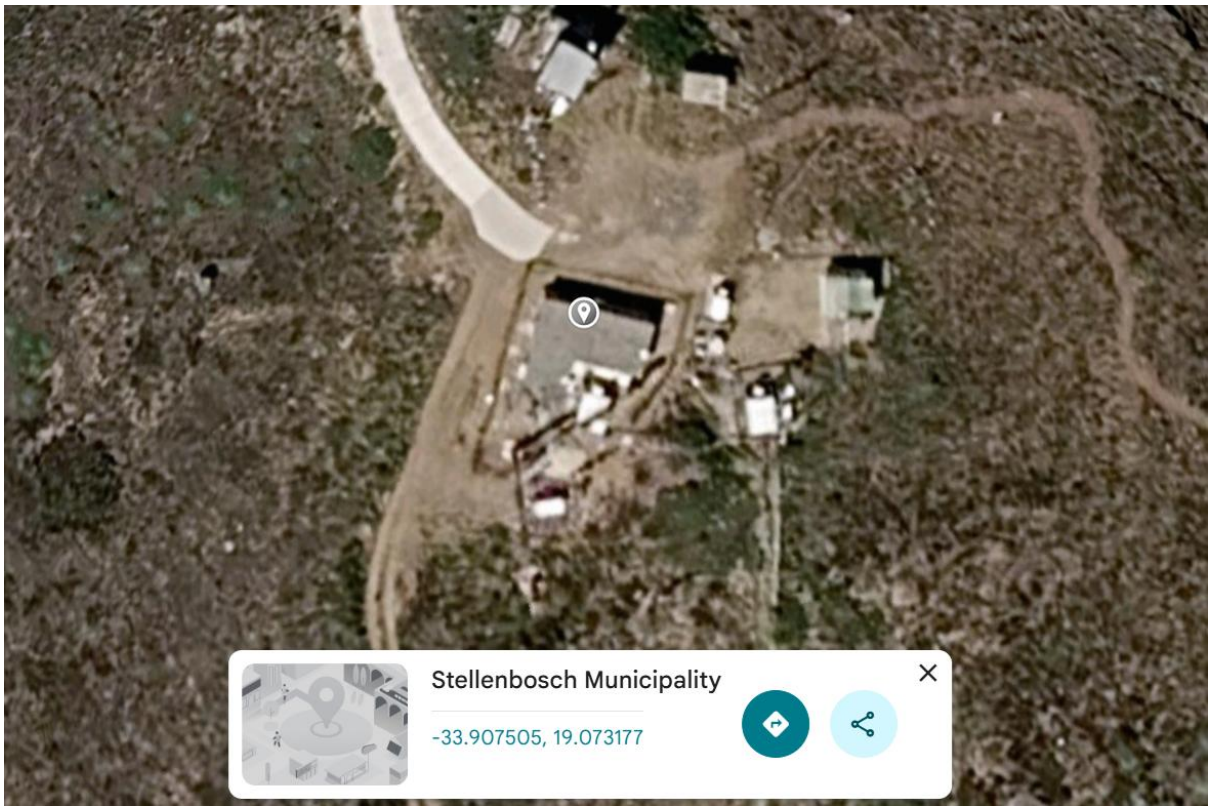
The Contractor shall be responsible for protecting all Sentech property and infrastructure.

Any damage caused through the Contractor's negligence, poor workmanship or failure to take reasonable precautions shall be repaired at the Contractor's cost.

7. LOCATION

Description	Details
Region	Southern Region
Site	Sentech Franschhoek Site
Province	Western Cape
Approximate Fence Length	70 m

The exact fence alignment and gate positions shall be confirmed during the site inspection and setting-out process.



8. PRICING SCHEDULE / BOQ

All rates shall include **supply, delivery, labour, plant, equipment, installation, supervision, overheads, profit, testing, quality control, health and safety and all incidentals necessary to complete the Works.**

Item	Description	Unit	Qty	Rate (R)	Amount (R)
SECTION 1 – PRELIMINARY AND GENERAL					
1.1	Site establishment, setting out, mobilisation and de-establishment, including storage, temporary facilities and general preliminaries	Item	1		
1.2	Occupational Health and Safety requirements, including preparation and maintenance of Safety File	Item	1		
1.3	Provision and maintenance of temporary potable water and ablution facilities for Contractor personnel	Item	1		
	SECTION 1 SUB-TOTAL				
SECTION 2 – HIGH-SECURITY FENCING					
2.1	Supply, delivery and installation of 1.8 m high Clear View high-security welded-mesh fencing, including 12.6 × 76.2 mm aperture, 3.4 mm wire, 76 × 76 × 3 mm SHS hot-dip galvanized posts, 600 × 400 mm 30 MPa concrete foundations, moisture-proof post caps, anti-vandal fixings and all accessories, complete	m	**70**		
2.2	Supply and installation of 500 mm galvanized concertina security coil, including brackets, fixings and all accessories, complete	m	**70**		

SECTION 3 – ACCESS GATES					
3.1	Supply, delivery and installation of single-leaf high-security Clear View pedestrian gate, approximately 1.8 m high, including galvanized frame, heavy-duty hinges, security lock/latch, anti-vandal hardware, stops and all accessories, complete	No.	**1**		
3.2	Supply, delivery and installation of 5.0 m wide double-leaf high-security Clear View vehicle gate, approximately 1.8 m high, comprising 2 × 2.5 m leaves, including galvanized steel frames/posts, heavy-duty hinges, security locking mechanism, central locking, drop bolts, stops, anti-vandal hardware and all accessories, complete	No.	**1**		
SECTION 4 – COMPLETION					
4.1	Final cleaning, removal of construction waste, making good and reinstatement of disturbed areas	Item	1		
4.2	Final inspection, snagging, testing, demonstration of gates and submission of close-out documentation	Item	1		
	SECTION 4 SUB-TOTAL				
	TOTAL TENDER AMOUNT – EXCLUDING VAT				
	Contingencies @10%				
	TOTAL TENDER AMOUNT – EXCLUDING VAT including Contingencies				
	VAT @ 15%				

	TOTAL TENDER AMOUNT – INCLUDING VAT				

9. PRICING INSTRUCTION

The Contractor shall ensure that all tendered rates are fully inclusive of all costs required to complete the Works.

The Contractor shall not submit claims for costs that could reasonably have been identified during the compulsory site inspection or from the requirements contained in this Scope.

The Contractor shall verify all quantities, dimensions and site conditions prior to submitting its quotation.

The approximate 70 m fence length is provided for pricing purposes and shall be verified on site before fabrication and installation.

COMPLETION REQUIREMENT

The final installation shall provide Sentech with a **complete, durable and high-security perimeter fencing system**, including secure access gates and concertina security topping, fully installed, tested, operational and handed over in accordance with this Scope of Works.

10. SITE ACCESS

- Access to Sentech sites is mostly by means of gravel roads. In some instances, the roads may be paved with a bituminous surface in other instances maybe concrete or concrete strips roads. The contractors are requested to use 4 x 4 vehicles to access our sites.

- Although we try our best to maintain these roads as best as possible some of the paved and concrete roads cannot be accessed with an ordinary vehicle.

- Some may be very steep in places with very tight turns which would make access difficult for ordinary vehicles.

- The mast and Sentech's property and buildings are fenced off to restrict unauthorized entry.

11. SAFETY REQUIREMENTS

- Appointed service provider will be required to compile a health and safety file in line with Sentech requirements which will be communicated upon appointment,

and such should be submitted to the Sentech OHS Specialist within 7 days after issue of the Purchase Order/Safety File Specification (instruction to be received from the Infrastructure Services Manager via email).

- Competent mast climbers– Valid mast climbing certificate for each employee to be signed to the project.
- Medical fitness – Valid certificate of fitness (medical) issued by Occupational Medical Practitioner only for all employees to be assigned to the project
- Work method – Detailed safe working methodology on undertaking assigned task in line with the requirements
- Public liability – valid construction/project public liability insurance
- Health and safety compliance assurance – Company's Health and Safety compliance undertaking by the CEO/Managing Director
- COID / FEM registration for injury on duty cases

12. COMMUNICATION PROTOCOL

12.1.1. SITE HAND OVER MEETING

- This is the official hand over of the site to the contractor for the duration of the contract. This is the first meeting on site of all the relevant parties who will be involved in the contract for its entire duration.

12.1.2. PROGRESS MEETINGS

- The intervals of progress meetings should be decided at the first site hand over meeting. The Infrastructure Services Manager shall carry out additional intermediate site inspections.

12.1.3. SENTECH LINE OF REPORTING PROBLEMS

- Any problem, which may arise during the contract, should be reported immediately to the Infrastructure Services Manager.
- If the Infrastructure Manager is not available, it should be reported directly to the Operations Manager.

12.2. QUALITY ASSURANCE

- Quality assurance inspection will be carried out at all the key dates and milestones established at the site handover meeting.
- The Infrastructure Services Manager or Sentech trade tested rigger shall carry out site inspections before, during and upon completion of the contract.

12.3. EXECUTION PROGRAMME

- Timeous completion of the project is of utmost importance for Sentech.
- To ensure and to assist the contractor to monitor his or her own progress, he or she will be required to provide Sentech with a detailed execution schedule when providing a quotation.
- This schedule should be in the Bar Chart format.
- It should highlight the following key information but not limited to:
  - ❖ NAME OF SITE
  - ❖ ACTIVITY DESCRIPTION
  - ❖ ACTIVITY DURATION
  - ❖ DATES FOR KEY MILESTONES DURING THE EXECUTION OF THE PROJECTS.

The key milestones are of paramount importance. Key dates will determine the dates on which Sentech's responsible Infrastructure Services Manager and local Sentech Rigger will conduct site inspections.

- Photos must be taken before, during and after as part of in-progress reporting by the contractor
- Milestones will include times such as but not limited to:
  - ❖ **Milestone 1:**
- When the surface preparation has been completed.
- **Milestone 2:**
  - ❖ Quality inspection must be conducted on completion of each coat of paint before applying the next coat.
- **Milestone 3:**

- ❖ As soon as one section received its final coat of paint, a quality inspection should be conducted before moving to the next section.

13. CONSTRAINTS

- Due to the location of many of Sentech's sites weather conditions are unpredictable.
- Occupational Health & Safety regulations determine that mast work can only be performed under specific weather conditions.
- Inclement weather conditions remain the single biggest constraints to timeous completion of mast painting projects.
- It should be borne in mind that in addition to normal inclement conditions some sites may be affected by high winds and mist at certain times of the day.
- Contractors are therefore urged to familiarize themselves with the historic prevailing weather conditions of the specific region.
- The contractors must therefore allow for inclement weather-related delays in theirs schedule. Any inclement weather days and consequential inclement weather days accumulated during this contract will be granted as extension of time as there will be no monetary compensation.

14. SENTECH HOUSE RULES

- It is the responsibility of the contractor to familiarize himself with Sentech House Rules for external contractors working on a Sentech site.
- The site must be kept clean at all times. All debris and any other foreign material must be disposed of at a designated landfill site where required.
- Contractor to provide own safe drinking water
- Contractor to provide own water for the use of project
- Contractor to provide own safe and reliable ablution facilities