



SUBJECT: SPECIFICATION FOR THE APPOINTMENT OF THE SERVICE PROVIDER FOR THE SUPPLY, INSTALLATION, AND MAINTENANCE OF ELECTRICAL FENCING FOR THE NHBRC HEAD-OFFICE (SUNNINGHILL)

NB: COMPULSORY BRIEFING SESSION

1. BACKGROUND

- 1.1 The National Home Builders Registration Council (NHBRC) is responsible for regulating the home building industry in South Africa, ensuring compliance with quality standards and protecting housing consumers. To uphold its mandate and safeguard its personnel, assets, and information, the NHBRC requires robust security control systems
- 1.2 Security control systems are essential for securing NHBRC facilities against unauthorized entry, theft, and other security breaches. These systems include physical barriers like electrical fencing, booms and tyre spikes, surveillance cameras, employee access card mechanisms, and guard houses. Implementing such measures aligns with best practices, which recommend a comprehensive approach to security control and perimeter security
- 1.3 The National Home Builders Registration Council (NHBRC) invites suitably qualified service providers to submit quotations for the supply, installation, and maintenance of a comprehensive electrical fencing system at its premises to enhance physical security and perimeter protection.

2. SCOPE OF WORK

- 2.1 NHBRC requires the removal of the existing wire fence and gates, and to supply, deliver and install a new perimeter fence with an electrified fence above it, including gates for the National Home builders Council Registration. The new security fence to be supplied must conform to the specification as detailed below and the supply contractor must carry out the scope of work which is summarised below:
- 2.2 Conduct a Full Inspection of the Existing Electrical Fence System and provide assessment report
- 2.3 Remove the old existing security electric fence of **600m**, at the same time as the installation of the new fence, so that when each section of the old fence is removed, the new section needs to be on place the same day.
- 2.4 Install new perimeter fence of approximately **600 meters**. The supply contractor must measure the fence to obtain the exact length:

Number of strands	Metre Long
30 strands on steel palisade fence	250 meters length
22 strands on steel palisade fence	30 meters length
18 strands on steel palisade fence	70 meters length
6 strands on top of steel palisade fence	210 meters length

2.5 Replace all strands of electrical wires across the full zones.

2.6 Replace broken electric fence tensioners approximately 100

2.7 Replace wires along the entire Zone 1.

2.8 Supply and Installation of Electrical Fencing Zone 2:

2.9 Replace all strands of electrical wires across the full zone.

2.10 Replace electric wires along the entire Zone 2.

2.11 Gate Contacts: All gates must be fitted with 2-way in-line gate contacts

2.12 Electrical fence wire: Solid Aluminium alloy 1.6mm.

2.13 Ensure integration with the existing security systems, i.e. alarm system.

2.14 Two zone with keypad (to Install in the guard house).

2.15 Electrical Fence lightning protection system: Two zone Lightning protection – Dual Poles - one for every zone as per SANS 10222.

2.16 Electrical fence Certificate of Compliance (COC) must be provided after installation.

2.17 Electrical fence must be installed on the existing gates and fence sections around the main gate entrance.

2.18 Replace two moto-gates to D12 moto-gates

2.19 Conduct testing and commissioning of the entire fence system.

2.20 Provide 24-month maintenance and support services post-installation.

2.21 Train relevant security personnel on basic troubleshooting and safety protocols.

2.22 Electrical fence installation (2-year guarantee)

2.23 Perimeter fence (2-year guarantee)

2.24 All items that are found defective or not correct within one year of date of delivery, will be replaced, repaired and corrected by the bidder at their own costs to the satisfaction of the NHBRC

3. Compliance to applicable standards

The installed system must comply with the following relevant South African standards:

- SANS 10222-3: Governing the design, installation, and maintenance of electric fencing for security purposes.
- SANS 60335-2-76: Specifying safety requirements for electric fence energizers.
- SANS 10142: Outlining the wiring code for electrical installations.
- Electrical Machinery Regulations: Ensuring safe operation of all electrical machinery.
- National Building Regulations: Adhering to building regulations for safety and structural integrity.

4. DELIVERABLES

Below are the expected deliverables from the service provider:

- 4.1 Conduct a full inspection of the existing electrical fence system
- 4.2 Supply and installation of electrical fencing zone 1
- 4.3 Supply and installation of electrical fencing zone 2
- 4.4 Ensure integration with the existing security systems i.e alarm systems etc.
- 4.5 Conduct testing and commissioning of the entire fence system.
- 4.6 Provide 24 months maintenance and support services post-installation.
- 4.7 Train relevant security personnel on basic troubleshooting and safety protocols.

5. PROJECT MANAGEMENT

The bidder must provide a detailed project plan that must include at least the timespan of the project in days and includes material delivery, in the bid response that must at least specify the following:

- 3.1. Time from order of materials to delivery.
- 3.2. Process required to prepare for the new perimeter fence installation, and removal of the old fence to ensure that at no time the NHBRC security is compromised.
- 3.3. Time required to install the new fence.
- 3.4. Time required to remove the old fence.
- 3.5. Time required to install the electrical fence.
- 3.6. Expected time of completion.

- 3.7. The project plan, which must also indicate human resources, activities, critical paths, and other interdependencies, must be presented in PDF format for ease of review.

6. BIDDER'S MANDATORY DOCUMENTS

The bidder must provide a comprehensive proposal that complies with the Scope of Work and includes the following Mandatory requirements and failure to submit will let to disqualification.

- 4.1 **PSIRA Registration:** The service provider must possess a valid certificate of registration with the Private Security Industry Regulatory Authority (PSIRA)
- 4.2 **Department of Labour Registration:** The service provider must be an accredited installer registered with the Department of Labour, ensuring compliance with occupational health and safety regulations.
- 4.3 **Valid CIDB registration** certificate/proof, level 3EB or higher grading designation.
- 4.4 **CIDB 2SQ or GB**
- 4.5 **Local Content form 6.2 and Annexures C,D,E**
- 4.6 The bidder must submit a copy of a valid public liability, product liability and professional indemnity insurance of at least R1 million or a letter of intent from the insurance company.
- 4.7 **SBD 4 form**
- 4.8 **SBD 6.1**

General Requirements

The Contractor shall be required to supply and install the high-security electrified fencing in accordance with this Scope of Work. The Scope of Work shall include the design, procurement and installation. It shall also include the provision of all labour, supervision, QA/QC, equipment, consumables, materials, procurement, services, transport, ablution facilities and other resources necessary for, or incidental to, the complete performance of the work.

All work shall be carried out in accordance with applicable by-laws, national laws and all statutory requirements for the supply and installation of high-security fences.

Where key personnel of the Contractor are specified in the contract, they shall not be replaced without prior written approval from the Company. Any replacement personnel shall work with the person to be replaced for a reasonable handover period, which shall be to the Contractor's sole account.

- . The contractor shall develop operating and maintenance procedures for Company use.

Procurement

The Contractor shall be responsible for procurement, manufacturing and or fabrication of the fence, consumables, fittings, post, equipment, plant, and tools required to complete the work.

The contractor shall attend a compulsory site meeting to satisfy itself with the site and determine all required services and quantities to complete the work. The site will be made available to tenders during the RFQ period to allow contractors to collect data necessary to prepare a tender proposal.

Bidders who do not meet All the mandatory criteria shall be disqualified from further evaluation.

7. EVALUATION OF THE SERVICE PROVIDER: TECHNICAL EVALUATION REQUIREMENTS **(100%)**

7.1.1 Service Provider Experience and Knowledge (40 Points)	Score
The service provider should have a maximum of 05 years' experience in supply and installation of electrical fencing: to get maximum points	
<i>As proof, please provide a company profile indicating necessary experience and expertise</i>	
<u>Scoring Criteria:</u>	
The Service Provider has a 5 years' experience or more = 40 Points	
The Service Provider has 4 years' experience = 30 Points	
The Service Provider has 3 years' experience = 20 Points	
The Service Provider has 3 years' experience = 10 Points	
The Service Provider has 0 to 3 years' experience = 0 Points	
7.1.2. Reference Letters (40 Points)	Score
The service provider should provide a contactable Reference letter	
<i>As proof, please furnish signed copies of contactable client reference letters on client / company letterhead providing details of work performed in electrical fencing, within the last 10 years.</i>	

NHBRC reserves the right to call the clients to obtain further information	
<u>Scoring Criteria:</u>	
Three reference letters=40 points	
Two reference letters=20 points	
One reference letters=10 points	
No reference letters=0 points	
7.1.3 Two Resource with valid wiremans license 20 (20 Points)	
Two resources with a Valid wireman's license / SAQCC certification in electrical fencing installation = 20	
Less than two resources with a Valid wireman's license / SAQCC certification in electrical fencing installation = 0	
<u>Scoring Criteria:</u>	

NB: Minimum qualifying score is 60 points out of 100 points to qualify for price and preference points system.

8. PRICE AND PREFERENCE POINTS EVALUATION (20%)

8.1 The contract will be awarded in terms of Regulations 4 of the Preferential Procurement Regulations about the Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000) and Preferential Procurement Regulations, 2022 and bids will be adjudicated in terms of the **(80/20)** preference points system.

8.2 Points will be awarded to service providers as per the **80/20 Preference point system (for the acquisition of services, works or goods with a Rand value not more than R 50 million) (all applicable taxes included)**

8.3 *The points scored for price will be added to the points scored for preference points to obtain the Bidders total points scored out of 100 points.*

