

BROADBAND INFRACO SOC LTD

REQUEST FOR QUOTATION: REPLACEMENT OF SITE PERIMETER FENCE FOR SITE - MINERVA

RFQ NUMBER:	RFQ 8602
RFQ ISSUE DATE:	06 June 2022
COMPULSORY SITE INSPECTION DATE AND TIME:	10 June 2022 AT 12H00 noon
GPS COORDINATES FOR SITE INSPECTION:	S25 55 30.2 E28 04 49.8
SITE INSPECTION CONTACT PERSON	Lebugang Soko 073 585 1969 OR Thamsanqa Qwabe 071 800 7338
RFQ CLOSING DATE:	15 June 2022 @ 12 noon
RFQ VALIDITY PERIOD:	30 days (COMMENCING FROM THE RFQ CLOSING DATE)
A FULL DESCRIPTION OF GOODS/SERVICES REQUIRED:	Replacement of Site Perimeter Fence for Site – Minerva
RESPONSES TO THIS RFQ SHOULD BE FORWARDED VIA EMAIL TO:	Supply Chain Management – Commercial Department Email: Barbara.Khambule@infraco.co.za OR Tel: 011 235 1605
ENQUIRY: NAME:	Barbara Khambule

BIDDER:

REGISTRATION NUMBER:

ADDRESS:

CONTACT PERSON:

TEL:

FAX:

E-MAIL ADDRESS:

TERMS AND CONDITIONS OF REQUEST FOR QUOTATION (RFQ)

1. Broadband Infraco standard conditions of purchase shall apply.
2. No services must be rendered or goods delivered before an official Broadband Infraco Purchase Order form has been received.
3. Late and incomplete submissions will not be accepted.
4. Any bidder who has reasons to believe that the RFQ specification is based on a specific brand must inform Broadband Infraco before RFQ closing date.
5. Where applicable, Work will be carried out in terms of the OHS Act and regulations and therefore it is important for the bidders to include OHS compliance costs (i.e safety file for the recommended bidder will be approved by Broadband Infraco).
6. **Bidder is required to submit copy of Tax verification information (PIN) to be used by Broadband Infraco to validate the copy on the SARS website for all price quotations exceeding the value of R30 000 (VAT included). Failure to submit the copy of valid Tax Pin will result in the invalidation of this RFQ. It is the responsibility of the bidder to ensure that Broadband Infraco is in possession of the bidder's valid Tax Pin. The onus is on the bidder to ensure that Broadband Infraco receives a valid Tax Pin as soon as the validity of the said Tax Pin expires.**
7. Bidders must attach valid BBBEE certificate, correct affidavit or valid exemption letters with the bid. **Copies must be certified.**
8. Bidders are required to complete Annexure A for all price quotations exceeding the value of R30 000 (VAT included).
9. This RFQ will be evaluated in terms of the 80/20 preference point system prescribed by the Preferential Procurement Regulations, 2017
10. All prices must be quoted in South African Rand (ZAR) and the foreign currency amount applicable must be stated. The bidder must indicate **clearly** which portion of the quoted price is linked to the exchange rate. The cost of installation, delivery, and **other** charges must be included in the total price quoted.
11. It is within Broadband Infraco's prerogative to award this bid in part/s or whole to one or more than one service provider based on the pricing and other technical consideration within the ambit of the law.
12. Broadband Infraco will only commence payment processes after fulfilment of the conditions contained in the contract and/ or on receipt of an invoice from the service provider and after such has been approved by the client division as representing the services received.
13. Payment of invoices will be effected on the last day of the calendar month following the calendar month of receipt of a correct and original invoice
14. Bidders who submitted information that is fraudulent, factually untrue or inaccurate, for example memberships that do not exist, BEE credentials, experience, etc will be disqualified.
15. Bidders will be disqualified if there are listed on prohibited register of bidders in National Treasury and register of tender's defaulters.

NB*, Please provide us with a detailed quotation on your company letterhead, indicating all the product specifications and indicate compliance (and any deviations) to the given specification.

.....

DECLARATION BY BIDDER

I, the undersigned (NAME).....certify that :

- i. I have read and understood the conditions of this RFQ.
- ii. I have supplied the required information and the information submitted as part of this RFQ is true and correct.

.....

Signature

.....

Date

.....

Capacity

STANDARD BIDDING DOCUMENT 1 - PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF BROADBAND INFRACO (SOC) LTD					
BID NUMBER:	RFQ 8602	CLOSING DATE:	15 June 2022	CLOSING TIME:	12:00 noon
DESCRIPTION	Replacement of Site Perimeter Fence for Site - Minerva				

BID RESPONSE DOCUMENTS MUST BE SUBMITTED THROUGH EMAIL.

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX CLEARANCE NUMBER					
		TCS PIN:		OR	CSD No:
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]		<input type="checkbox"/> Yes	B-BBEE STATUS LEVEL SWORN AFFIDAVIT		<input type="checkbox"/> Yes
		<input type="checkbox"/> No			<input type="checkbox"/> No
IF YES, WHO WAS THE CERTIFICATE ISSUED BY?					
AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) AND NAME THE APPLICABLE IN THE TICK BOX		<input type="checkbox"/>	AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)		
		<input type="checkbox"/>	A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)		
		<input type="checkbox"/>	A REGISTERED AUDITOR		
		NAME:			
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT(FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	
				<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ANSWER PART B:3 BELOW]	
SIGNATURE OF BIDDER			DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)					

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE
- 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.
- 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.
- 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER AND PROOF MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO
- 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? YES NO
- 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
- 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of institution	State

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:
.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:
.....
.....

3 DECLARATION

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

..... Signature Date
..... Position Name of bidder

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

SBD 6.1: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- 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

a) The value of this bid is estimated to **not exceed** R50 000 000 (all applicable taxes included) and therefore the **80/20** preference point system shall be applicable; or

b) The 80/20 preference point system will be applicable to this tender.

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

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

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“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;
- (c) **“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;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black

Economic Empowerment Act, 2003 (Act No. 53 of 2003);

- (e) **“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;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“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;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

P_{\min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)
 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME	QSE
	√	√
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
 - One person business/sole propriety
 - Close corporation
 - Company
 - (Pty) Limited
- [TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....
.....
.....

8.6 COMPANY CLASSIFICATION

- Manufacturer
 - Supplier
 - Professional service provider
 - Other service providers, e.g. transporter, etc.
- [TICK APPLICABLE BOX]

8.7 MUNICIPAL INFORMATION

Municipality where business is situated:

Registered Account Number:

Stand Number:.....

8.8 Total number of years the company/firm has been in business:.....

8.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we 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 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding 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 bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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.

<p>WITNESSES</p> <p>1.</p> <p>2.</p>
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<p>.....</p> <p>SIGNATURE(S) OF BIDDERS(S)</p> <p>DATE:</p> <p>ADDRESS</p> <p>.....</p> <p>.....</p>
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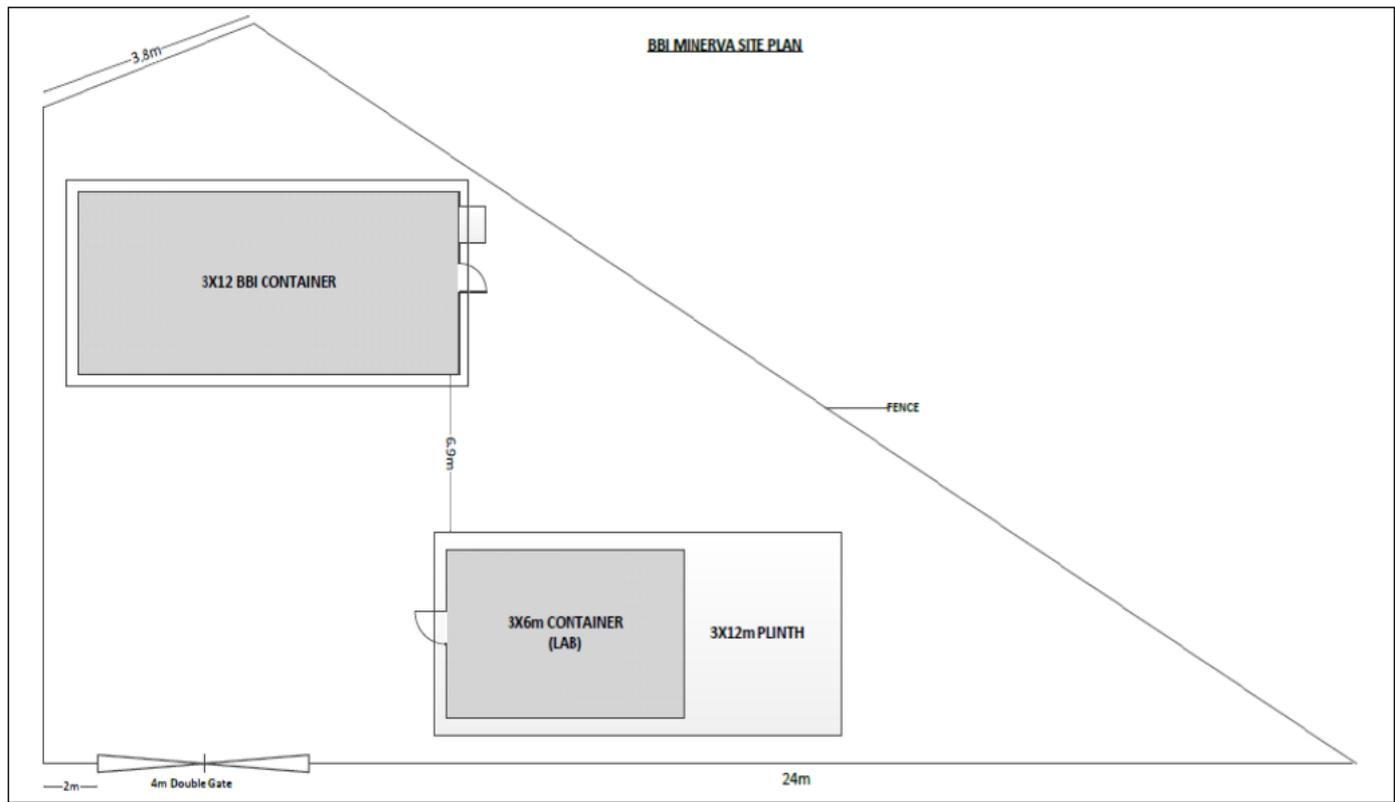
2. SCOPE OF WORK/SUPPLY

- Recover and dispose of existing fence, gate, and posts. 4.2. Install the new fence as per Site Build Specification NE-FM-SP-0002_rev5
- Refer to Annexure A below for pictures of the product.
- See section "Additional notes by End-user" for site dimensions.

3. SPECIFICATION OF PRODUCT OR GOODS

- The site area is approximately 180 m² 5.2. Install the new fence as per Site Build Specification NE-FM-SP-0002_rev5

(Fence Section from Section 7.1, 8.2, 8.6 to 19)



Annexure A- Pictures of Site

		
<p>1. Site Board on sliding gate: Front</p>	<p>2. Diamond razor mesh with steel straps on palisade fence</p>	<p>3. Ramp with no retainer wall</p>



4. Palisade Post: L-shape tab with shear bolt and nut



4. Stainless steel strapping for attaching diamond razor mesh



8. Shear bolt and nut



25. Retainer wall foundation



27. Example of a raised site.



31. site built 1.5 to 2 m away from existing fence.

SITE PERIMETER FENCE MINERVA PRICING			
Description of Works		Materials/Services	
Building Retainer Wall with Brick reinforcement Ramp Access		Quantity (meurement)	Unit Cost Total Cost
1	Retainer Wall around the perimeter fence		
2	Concrete foundation between retainer wall and fence	R -	R -
Crushed Stones		Quantity	Unit Cost Total Cost
3	DPC plastic sheet instalation; the weed-killer on either side of the plastic, a minimum of 100mm layer of 19mm	R -	R -
4	Washed crushed stone must be laid to cover the whole site till the perimeter fence foundation line, excluding on the plinth.	R -	R -
Ramp Access to Road		Quantity	Unit Cost Total Cost
4	All sites must be constructed with a 25MPa non-slippery steel mesh re-enforced concrete ramp at the gate. The ramp must be a minimum of 200mm thick x 4000mm wide between the gate posts.	R -	R -
5	The ramp must at maximum have a 45° angle slope and depending on the available site space, the ramp must be at least 2000mm long.	R -	R -
6	The front end (bottom side) of the ramp must be at least 100mm thick and be below the ground surface level at the bottom to prevent the bottom from cracking when vehicles are driven over it.	R -	R -
Fencing and Razor		Quantity	Unit Cost Total Cost
7	Steel Galvanizedpalisade fencing	R -	R -
8	Diamond mesh razor wire on the inside of the fence with flat wrap coil razor wire on top	R -	R -
9	450mm diameter flat wrap razor wire must be fitted with its lower part laying on top of the top rail. On the gate, the razor wire must also be installed	R -	R -
10	Both the gate and the panel must be fixed with a 2400mm high ripper razor diamond mesh wire installed on the internal face of the palisade fence.	R -	R -
11	Razor wire must be fixed to the fence and gate using a 3.5mm stainless steel cable ties or bandit strapping wires which must be evenly spread throughout the fence. Where required appropriate support brackets should be used.	R -	R -
Gates		Quantity	Unit Cost Total Cost
12	4000mm wide x 2400mm high sliding gate shall be fabricated from a 45mm x 45mm x 3mm square tubing	R -	R -
	To support the razor wire, two 20mm x 3mm x 240mm metals must be pre-welded on either side of the gate.		
	Two (2) well-oiled 80mm wheels must be welded at least 2000mm apart from each other under the gate to allow for a balanced move.		
	A minimum 6000mm floor-track rail must be erected on a 20MPa concrete foundation with a stopper at the opposite end. The rail must allow for a smooth and easy side-way movement of the gate. Preferably a round bar track must be installed instead of an angle iron.		
	The floor-track rail must be installed in such a manner that no crusher stone will prevent the smooth operation of the gate		
	40mm x 3mm x 60mm tab with a 20mm hole must be welded on the gate and corner gate post 1200mm above the ground		
	A gate guide must be pre-welded on at the top to prevent it from being lifted out of the rail		
	The gate rail must be equipped with a gate-rail stopper to prevent the gate from sliding off the rail.		
	The locking mechanism on the post and the gate must align to ensure that the lock will easily fit-in from the inside of the site.		
Gate Post		Quantity	Unit Cost Total Cost
13	All posts must be 3000mm long (100mm x 100mm x 4mm) and these must be buried 600mm and set into a 15MPa concrete foundation	R -	R -
	All posts must be pre-welded with a pyramid cap at the top must be attached with holes on either side of the tip to accommodate a 3.5mm steel wire.		
	All corner posts must be fitted with an earth tab at least 510mm from the bottom, located on the corner side to allow connectivity to the perimeter ground. All tabs must be buried by		
	The corner gate post must also be pre-welded with another gate guide type (150mm x 60mm x 5mm) 300mm from the top of the post.		
Top and Bottom Rail		Quantity	Unit Cost Total Cost
14	The top and bottom rails must be made up of 50mm x 50mm x 5mm angle irons. At the end of each side of the rail, a square hole must be pre-drilled through the centre to ensure a grip on the shear bolt.	R -	R -
		R -	R -
Palisade Panel		Quantity	Unit Cost Total Cost
15	Palisade panels 1500mm and 3000mm in width.	R -	R -
Pale		Quantity	Unit Cost Total Cost
16	40mm x 40mm x 2.5mm hot rolled angle iron must be welded top and bottom on horizontal rails on both the gate and fence. The space between each iron must be 175mm centre-to-centre	R -	R -
17	The pales must be 2550mm long with the top end shaped in a trident configuration. The top of the pales must align with the post caps. At the bottom, the pales must be buried 100mm deep into the middle of a 300mm wide x 150mm deep concrete foundation	R -	R -
Site Board		Quantity	Unit Cost Total Cost
18	Install official site board/s in accordance to an internal standard i.e. NE-FM-PR-0002. The boards will be provided by Broadband Infracore.		
Site Rehabilitation		Quantity	Unit Cost Total Cost
19	Site rehabilitation including waste removal		
20	all excess materials and debris must be removed from the site and the surrounding terrain be reinstated to its original status		
Compulsory		Quantity	Unit Cost Total Cost
21	Site establishment	R -	R -
22	Health and Safety (Safety file etc.)	R -	R -
Other			
		Total Costs Excluding VAT	
		VAT 15%	
		Total Costs Including VAT	