

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

**APPOINTMENT OF A CONTRACTOR FOR REPAIRS AND
UPGRADE OF MADEIRA POLICE STATION IN EASTERN CAPE
PROVINCE**

BID: 19/1/9/1/65TB (23)

PART C

CONTRACT

PART C1

AGREEMENTS AND CONTRACT DATA

C 1.1: FORM OF OFFER AND ACCEPTANCE

Tender* no: 19/1/9/1/65TB(23)

OFFER

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: **APPOINTMENT OF A CONTRACTOR FOR REPAIRS AND UPGRADE OF MADEIRA POLICE STATION IN EASTERN CAPE PROVINCE**

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor 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 contract data.

THE OFFERED TOTAL OF THE PRICES:

Rand (in words):	
Rand in figures (excluding VAT)	R
Rand in figures (inclusive of VAT)	R

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 to the Tenderer before the end of the period of validity stated in the tender data, whereupon the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

SIGNED FOR THE TENDERER:

Signature	Capacity	Name and surname of representative	Date
Name and address of Tenderer:			

WITNESSED BY:

Signature	Name and surname of witness	Date

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Tender no: 19/1/9/1/65TB(23)

ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part 1 Agreements and contract data, (which includes this agreement)
 Part 2 Pricing data
 Part 3 Scope of work.
 Part 4 Occupational Health and Safety, site information, drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the Tenderer 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 Tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. 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 Tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the Tenderer (now Contractor) within five (5) working days of the date of such receipt notifies the Employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

SIGNED FOR THE EMPLOYER:

Signature	Capacity	Name and surname of representative	Date

Name of Organisation:	South African Police Service
Address of Organisation:	Supply Chain Management Private Bag X254 Pretoria 117 Cresswell Road Silverton

WITNESSED BY:

Signature	Name and surname of witness	Date

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Tender no: 19/1/9/1/65TB(23)

Schedule of Deviations

1.1.1. Subject:
Detail:
1.1.2. Subject:
Detail:
1.1.3. Subject:
Detail:
1.1.4. Subject:
Detail:
1.1.5. Subject:
Detail:
1.1.6. Subject:
Detail:

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

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C1.2: CONTRACT DATA: JBCC SERIES 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

CONTRACT DATA FOR APPOINTMENT OF A CONTRACTOR FOR MADEIRA POLICE STATION: EASTERN CAPE PROVINCE - REPAIRS & UPGRADES

Tender no:

	<p>The Conditions of Contract are clauses 1 to 41 of the JBCC Series 2000 Principal Building Agreement (Edition 4.1 of March 2005) prepared by the Joint Building Contracts Committee.</p> <p>Copies of these conditions of contract may be obtained through most regional offices of the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.</p>
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	<p>CONTRACT VARIABLES</p> <p>THE SCHEDULE</p> <p>The schedule contains all variables referred to in this document and is divided into part 1: contract data completed by the employer and part 2: contract data completed by the contractor. Part 1 must be completed in full and included in the tender documents. Both the part 1 and part 2 form part of this agreement</p> <p>Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets</p>
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42.0	Part 1: Contract Data completed by the Employer:
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42.1	CONTRACTING AND OTHER PARTIES
42.1.1	<p>Employer:</p> <p>Government of the Republic of South Africa in its South African Police Service</p> <p>Postal address: Private Bag X254 Pretoria 0001</p> <p>Tel: 012 841 7000 Fax: 012 841 7495</p> <p>Physical address: 117 Cresswell Rd Silverton 0127</p>

[1.2]

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Tender no:

42.1.2 [1.1, 5.1]	Principal Agent: South African Police Service Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
[1.1]	Representative of the Employer: Col. J.Mhlanga Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
42.1.3 [1.1, 5.2]	Agent (1) South African Police Service Agent's service: Architectural Services Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
42.1.4 [1.1, 5.2]	Agent (2) South African Police Service Agent's service: Quantity Surveyor Services Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
42.1.5 [1.1, 5.2]	Agent (3) South African Police Service Agent's service: Civil and Structural Engineering Services Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120

Tender no:

42.1.6 [1.1, 5.2]	Agent (4) South African Police Service Agent's service: Electrical and Mechanical Engineering Services Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
42.1.7 [1.1, 5.2]	Agent (5) South African Police Service Agent's service: Construction Health and Safety Agency Postal address: Private Bag X254 Pretoria 0001 Tel: 012 349 6000 Fax: 086 403 0120
42.1.8 [1.1, 5.2]	Agent (6) Not Applicable Agent's service: Not Applicable Postal address: Not Applicable Tel: N/A Fax: N/A
42.1.9 [1.1, 5.2]	Agent (7) Not Applicable Agent's service: Not Applicable Postal address: Not Applicable Tel: N/A Fax: N/A

42.2	CONTRACT DETAILS
42.2.1 [1.1]	Works description: Refer to document – Scope of Work.
42.2.2 [1.1]	Site description: Refer to document – Site Information.
42.2.4 [41.0]	Specific options that are applicable to a State organ only Where so :

Tender no:

[1.1 #] [31.11.2 #] [31.12.2#]	1) Interest rate legislation: The interest rate applicable will be as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999)
[11.2.#]	2) Lateral support insurance to be effected by the contractor: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
[31.4.2 #]	3) Payment will be made for materials and goods Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[40.2.2.#]	4) Dispute resolution by litigation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[26.1.2 #]	5) Extended defects liability period applicable to the following elements: Mechanical and Electrical Works (12 months Defects Liability Period)
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : One (1) working day .
42.2.7 [24.3.1] [30.1]	For the works as a whole: The date for practical completion shall be Twelve (12) months from the commencement date and the penalty shall be calculated in accordance with Appendix A based on the contract sum (Excl. VAT)
42.2.8 [24.3.1] [28.1]	For the works in sections : The date for practical completion from the commencement date and the penalty per calendar day : Section 1: Not Applicable Penalty: Not Applicable Section 2: Not Applicable Penalty: Not Applicable Section 3: Not Applicable Penalty: Not Applicable Section 4: Not Applicable Penalty: Not Applicable Section 5: Not Applicable Penalty: Not Applicable Section 6: Not Applicable Penalty: Not Applicable
42.2.9 [1.2]	The law applicable to this agreement shall be that of the: Republic of South Africa

Tender no:

42.3	INSURANCES
42.3.1 [10.1 #, 10.2 # 12.1 #]	<p>Contract works insurance to be effected by the contractor</p> <p><input checked="" type="checkbox"/> To the minimum value of the contract sum plus 20%</p> <p>With a deductible not exceeding 10% of each and every claim</p> <p>Or</p> <p><input type="checkbox"/> For the minimum sum of R N/A</p> <p>With a deductible not exceeding 5% of each and every claim</p>
42.3.2 [10.1 #, 10.2 #, 12.1 #]	<p>Supplementary insurance is required: Yes</p> <p>To the minimum value of the contract sum plus 10 %</p>
42.3.3 [11.1 #, 12.1 #]	<p>Public liability insurance to be effected by the contractor</p> <p><input checked="" type="checkbox"/> For the sum of R 5 million</p> <p>With a deductible not exceeding 5% of each and every claim</p> <p>Or</p> <p><input type="checkbox"/> For the sum of R N/A</p> <p>With a deductible not exceeding 5% of each and every claim</p>
42.3.4 [11.2 #, 12.1 #]	<p>Support insurance to be effected by the contractor</p> <p>For the sum of R N/A</p> <p>With a deductible of R N/A</p>

42.4	DOCUMENTS
42.4.2 [3.7]	Three (3) copies of the construction documents will be supplied to the contractor free of charge
42.4.3	<p>Bills of quantities / Lump sum document schedule of rates drawn up in accordance with:</p> <p><input checked="" type="checkbox"/> Standard System of Measuring Building Work (seventh edition as amended)</p> <p>Or</p> <p><input type="checkbox"/> Standard System of Measuring Building Work for Small or Simple Buildings 1999</p> <p>Or</p> <p><input type="checkbox"/> Other(<i>Specify</i>)</p>
42.4.5 [3.4]	JBCC Engineering General Conditions are to be included in the contract documents: No

<p>42.4.6 [31.5.3]</p> <p>[32.13]</p>	<p>The contract value is to be adjusted using CPAP indices: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto:</p> <ol style="list-style-type: none"> 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index for Work Group 160 Electrical Installation. In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be in accordance with Work Group 170 3) With reference to Work Group 190 a proportion of the value related preliminaries pro rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions, if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by tenderers, will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual the factor of 0,55 shall be substituted by 1,45 <p>Alternative Indices: Not Applicable</p>
<p>42.4.7 [3.10]</p>	<p>Details of changes made to the provisions of JBCC standard documentation</p> <p>Clause</p> <p>1.1 COMMENCEMENT DATE – means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect</p> <p>CONSTRUCTION GUARANTEE – means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule</p> <p>CONSTRUCTION PERIOD – means the period commencing on the date on which possession of the site is given to the contractor as stated in the schedule/contract data and ending on the date of practical completion</p> <p>CORRUPT PRACTICE – means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the acquisition process or in contract execution</p> <p>FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a acquisition process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition</p> <p>INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999)</p> <p>PRINCIPAL AGENT – means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule</p>

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SECURITY – means the form of security provided by the **employer** or **contractor**, as stated in the **schedule**, from which the **contractor** or **employer** may recover expense or loss

1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been duly given when:

1.6.4 No clause

3.2.1 A **construction guarantee** in terms of 14.0, where so elected in his tender

3.7 Add at the end thereof:

The **contractor** shall supply and keep a copy of the **JBCC Series 2000 Principal Building Agreement** and Preliminaries applicable to this contract on the **site**, to which the **employer**, **principal agent** and **agents** shall have access at all times.

3.10 Replace the second reference to "**principal agent**" with the word "**employer**"

4.3 No clause

5.1.2 under clause 41- Include reference to 32.6.3; 34.3; 34.4 and 38.5.8 in terms of which the **employer** has retained its authority and has not given a mandate to the **principal agent** and in terms of which the **employer** shall sign all documents

10.5 Add the following as 10.5

Damage to the works

- (1) Without in any way limiting the **contractor's** obligations in terms of the contract, the **contractor** shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the **works** as the **contractor** may deem necessary
- (2) The **contractor** shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**
- (3) The **employer** shall carry the risk of damage to or destruction of the **works** and materials paid for by the **employer** that is the result of the excepted risks as set out in 10.6
- (4) Where the **employer** bears the risk in terms of this contract, the **contractor** shall, if requested to do so, reinstate any damage or destroyed portions of the **works** and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

10.6 Add the following as 10.6

Injury to Persons or loss of or damage to Properties

- (a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable
- (b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person, arising out of or in the course of or by reason of the execution of the **works**

unless due to any act or negligence of any person for whose actions the **employer** is legally liable

- (c) The **contractor** shall upon receiving a **contract instruction** from the **principal agent** cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (5) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor**, shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (6) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

10.7 Add the following as 10.7

HIGH RISK INSURANCE

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

The **contractor** shall, from the **commencement date** of the **works** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**, at the **contractor's** own costs

10.7.2 Injury to persons or loss of or damage to property

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty one (21) **calendar days** of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.7.4 The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

14.0 Replace the entire clause 14.0 with the following:

14.0 SECURITY

14.1 In respect of contracts with a **contract sum** up to R1 million, the **security** to be provided by the **contractor** to the **employer** will be a payment reduction of five per cent (5%) of the value certified in the **payment certificate** (excluding VAT)

14.1.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)

14.1.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the payment reduction **security** or portions thereof to the **contractor**

14.2 In respect of contracts with a **contract sum** above R1 million, the **contractor** shall have the right to select the **security** to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the **schedule**. Such **security** shall be provided to the **employer** within twenty-one (21) **calendar days** from **commencement date**. Should the **contractor** fail to select the **security** to be provided or should the **contractor** fail to provide the **employer** with the selected **security** within twenty-one (21) **calendar days** from **commencement date**, the **security** in terms of 14.7 shall be deemed to have been selected.

14.3 Where the **security** as a cash deposit of ten per cent (10%) of the **contract sum** (excluding VAT) has been selected:

14.3.1 The **contractor** shall furnish the **employer** with a cash deposit equal in value to ten per cent (10%) of the **contract sum** (excluding VAT) within twenty-one (21) **calendar days** from **commencement date**

14.3.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to three per cent (3%) of the **contract value** (excluding VAT), and refund the balance to the **contractor**

14.3.3 Within twenty-one (21) **calendar days** of the date of **final completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to one per cent (1%) of the **contract value** (excluding VAT) and refund the balance to the **contractor**

14.3.4 On the date of payment of the amount in the final **payment certificate**, the **employer** shall refund the remainder of the cash deposit to the **contractor**

14.3.5 The **employer** shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the cash deposit **security** or portions thereof to the **contractor**

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Tender no:

	<p>14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party</p> <p>14.4 Where security as a variable construction guarantee of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender</p> <p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p> <p>14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT)</p> <p>14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion</p> <p>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8(A) and 34.8</p> <p>14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both</p> <p>14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor</p> <p>14.6.3 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p> <p>14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both</p> <p>14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected:</p>
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- 14.7.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(B)
- 14.7.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the **contractor**
- 14.8 Payments made by the guarantor to the **employer** in terms of the fixed or variable **construction guarantee** shall not prejudice the rights of the **employer** or **contractor** in terms of this **agreement**
- 14.9 Should the **contractor** fail to furnish the **security** in terms of 14.2 the **employer**, in his sole discretion, and without notification to the **contractor**, is entitled to change the **contractor's** selected form of **security** to that of a ten per cent (10%) payment reduction of the value certified in the **payment certificate** (excluding VAT), whereafter 14.7 shall be applicable
- 15.1.1 No clause
- 15.1.2 The **security** selected in terms of 14.0
- 15.1.4 Add 15.1.4 as follows:
- An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) **calendar days** of **commencement date**
- 15.2.1 Under 41: Amend to read as follows:
- "Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1.4
- 17.1.11 Delete the words "and the appointment of **nominated** and **selected subcontractors**"
- 20.1.3 No clause
- 21.0 No clause
- 26.1.2 Add # next to 26.1.2
- 29.2.5 No clause
- 31.5.2 Security adjustments in terms of 14.0 or 31.8
- 31.8 Amend as follows:
- 31.8(A) Where a **security** is selected in terms of 14.1; 14.5 or 14.6, the value of the **works** in terms of 31.4.1 and of the **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:
- 31.8(A).1 Ninety-five per cent (95%) of such value in interim **payment certificates** issued up to the date of **practical completion**
- 31.8(A).2 Ninety-seven per cent (97%) of such value in interim **payment certificates** issued on the date of **practical completion** and up to but excluding the date of **final completion**
- 31.8(A).3 Ninety-nine per cent (99%) of such value in interim **payment certificates** issued on the date of **final completion** and up to but excluding the final **payment certificate** in terms of 34.6

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	<p>31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.</p> <p>31.8(B) Where security is a payment reduction in term of 14.7 has been selected the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>31.12 Delete the following: "Payment shall be subject to the employer giving the contractor a tax invoice for the amount due."</p> <p>32.5.1 Add the following to the end of each of these clauses: "...due to no fault of the 32.5.4 contractor" and 32.5.7</p> <p>34.1 Remove #</p> <p>34.2 Add # next to 34.2</p> <p>34.8 The principal agent shall certify one hundred per cent (100%) of the amount of the final account in the final payment certificate</p> <p>34.13 Replace "seven (7) calendar days" with "twenty one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due"</p> <p>36.1 Add the following clauses 36.1.3 to 36.1.5. under 36.1 to read as follows:</p> <p>36.1.3 refuses or neglects to comply strictly with any of the conditions of contract</p> <p>36.1.4 estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>36.1.5 in the judgment of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p>36.3 Remove reference to "No clause", and replace "principal agent" with "employer"</p> <p>36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of this 37.5 agreement either by the employer or the contractor; or for any reason whatsoever, and the contractor shall on written instruction, discontinue with the works on a date stated 38.7 and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever"</p>
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	<p>37.3.5 Replace "ninety (90)" with "one hundred and twenty (120) and 38.5.4</p> <p>39.3.5 Add the following words at the end thereof: "within one hundred and twenty (120) working days of completion of such a report"</p> <p>40.2.2 under clause 41 – Replace "one (1) year" with "three (3) years"</p> <p>40.6 under clause 41 – Remove reference to no clause</p> <p>40.7.1 Change "(10)" to "(15)"</p> <p>Add the following to the end thereof:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.</p>
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42.0	Part 2: Contract Data provided by the Contractor:
42.5	CONTRACT DETAILS
42.5.1	Contractor: Postal address: _____ _____ _____ Tel: _____ Fax: _____ TAX / VAT Registration No: _____ Physical address: _____ _____ _____
42.5.2	The accepted contract sum inclusive of tax is R _____ Amount in words: _____
42.5.3 [31.3]	The latest day of the month for the issue of an interim payment certificate : _____
42.5.4 [32.12]	The preliminaries amounts shall be paid in terms of: Alternative A <input type="checkbox"/> Alternative B <input type="checkbox"/>
42.5.5 [32.12]	The preliminaries amounts shall be adjusted in terms of: Alternative A <input type="checkbox"/> Alternative B <input type="checkbox"/>

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Tender no:

42.5.7 [14]	<p>The security to be provided by the contractor:</p> <p>(a) in respect of contracts up to R1 million, the contractor will provide security in terms of 14.1</p> <p>(b) in respect of contracts above R1 million, the contractor will provide, as security, one of the following:</p> <p>(1) cash deposit of 10 % of the contract sum (excluding VAT) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>(2) variable construction guarantee of 10 % of the contract sum (excluding VAT) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>(3) payment reduction of 10% of the value certified in the payment certificate (excluding VAT) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>(4) cash deposit of 5% of the contract sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>(5) fixed construction guarantee of 5% of the contract sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1998 (Act 35 of 1998) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.</p>
42.5.8 [29.7.2]	<p>The annual building holiday period after the commencement of the construction period:</p> <p>From: _____ to _____</p>
42.6 42.6.1	<p>DOCUMENTS</p> <p>Contract documents marked and annexed hereto:</p> <p>Priced bills of quantities: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Lump sum document: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Guarantees: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Contract drawings: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Other documents: Yes <input type="checkbox"/> No <input type="checkbox"/> (Attach additional pages if more space is required)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

APPENDIX A

CALCULATION OF PENALTY

The following calculation of **penalty** will be based on the tendered amount of the awarded **contractor** and it shall be carried forward to item 42.2.7 of this **contract data** for **works** to be completed as a whole and item 42.2.8 for **works** to be completed in **sections**.

CONSTRUCTION PERIOD		RATE	PER	R100	OF
		ESTIMATE			
1	month	27,5	cents		
1,5	months	22	cents		
2	months	16,5	cents		
2,5	months	13,5	cents		
3	months	11	cents		
3,5	months	9,5	cents		
4	months	8,5	cents		
4,5	months	7,5	cents		
5	months	6,25	cents		
6	months	5,75	cents		
7	months	4,75	cents		
8	months	4	cents		
9	months	3,75	cents		
10	months	3,5	cents		
11	months	3	cents		
12	months	2,75	cents		
14	months	2,5	cents		
15	months	2,25	cents		
16	months	2	cents		
18	months	1,75	cents		
20	months	1,5	cents		
21	months	1,5	cents		
24	months	1,25	cents		
30	months	1	cent		
36	months	1	cent		
42	months	1	cent		

PENALTY PER DAY ROUNDED OFF AS FOLLOWS:

R 0	–	R 500	nearest	R 5
R 501	–	R 1 000	nearest	R 10
R 1 001	–	R 5 000	nearest	R 50
R 5 001 and above			nearest	R 100

EXAMPLE

Contract sum = R2 500 000 (excluding VAT)

Construction period = 12 months

$$R2\ 500\ 000 \times \frac{0.0275}{100}$$

= R687.50/Calendar day

Therefore rounded off to the nearest R10.00 = R690.00/Calendar day

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**APPOINTMENT OF A CONTRACTOR FOR REPAIRS AND UPGRADE OF
MADEIRA POLICE STATION IN EASTERN CAPE PROVINCE**

BID: 19/1/9/1/65TB(23)

PART C

CONTRACT

PART C.2.

SCOPE OF WORK AND BILLS OF QUANTITIES



South African Police Service
117 Cresswell Road
Silverton
PRETORIA

BILLS OF QUANTITIES

REPAIRS AND UPGRADES TO MADEIRA POLICE STATION IN MTHATHA EASTERN CAPE PROVINCE

Prepared by: LT COLONEL DMM NGOASHENG
OFFICE 126
TAMBOTIE BUILDING
SAPS OFFICES
18 DE HAVILLAND CRESCENT
PERSEQUOR TECHNO PARK
LYNNWOOD
PRETORIA
0081

Tel: (012) 845 8935

Email: ngoashengdmm@saps.gov.za

MARCH 2023

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MADEIRA SAPS REPAIRS AND UPGRADES

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION No 1				
	PRELIMINARIES AND GENERAL				
	BILL No 1				
	MEANING OF TERMS "BID / BIDDER"				
	Any reference to the words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder".				
	PRICING OF PRELIMINARIES				
	Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.				
	SECTION A:				
	DEFINITIONS				
A1.0	DEFINITIONS AND INTERPRETATION				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	OBJECTIVE AND PREPARATION				
A2.0	OFFER, ACCEPTANCE AND PERFORMANCE OBLIGATION				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A3.0	DOCUMENTS				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A4.0	DESIGN RESPONSIBILITY				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A5.0	EMPLOYER'S AGENTS				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A6.0	CONTRACTOR'S SITE REPRESENTATIVE				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A7.0	COMPLIANCE WITH LAWS AND REGULATIONS				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A8.0	WORKS RISK				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A9.0	INDEMNITIES				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A10.0	GENERAL INSURANCES				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
A11.0	SPECIAL INSURANCES				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	There is a high theft rate in the area and on site. The contractor to ensure all their materials and equipment are adequately insured)				
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
A12.0	EFFECTING INSURANCES Fixed % ____ Value related % ____ Time related % ____	Item	1		
A13.0	ASSIGNMENT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A14.0	SECURITY Fixed % ____ Value related % ____ Time related % ____ There is a high theft rate in the area and on site. The contractor to ensure all their materials and equipment are adequately secured) EXECUTION	Item	1		
A15.0	PREPARATION FOR AND EXECUTION OF THE WORKS Fixed % ____ Value related % ____ Time related % ____	Item	1		
A16.0	SITE AND ACCESS Fixed % ____ Value related % ____ Time related % ____	Item	1		
A17.0	CONTRACT INSTRUCTIONS Fixed % ____ Value related % ____ Time related % ____	Item	1		
A18.0	SETTING OUT OF THE WORKS Fixed % ____ Value related % ____ Time related % ____	Item	1		
A19.0	TEMPORARY WORKS AND PLANT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A20.0	NOMINATED SUBCONTRACTORS Fixed % ____ Value related % ____ Time related % ____	N/A	0		
A21.0	SELECTED SUBCONTRACTORS Fixed % ____ Value related % ____ Time related % ____	N/A	0		
A22.0	EMPLOYER'S DIRECT CONTRACTORS Fixed % ____ Value related % ____ Time related % ____	N/A	0		
A23.0	CONTRACTOR'S DOMESTIC SUBCONTRACTORS Fixed % ____ Value related % ____ Time related % ____ COMPLETION	Item	1		
A24.0	PRACTICAL COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
A25.0	WORKS COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
A26.0	FINAL COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
A27.0	LATENT DEFECTS LIABILITY PERIOD Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
A28.0	SECTIONAL COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
A29.0	REVISION OF DATE FOR PRACTICAL COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
A30.0	PENALTY FOR LATE OR NON-COMPLETION Fixed % ____ Value related % ____ Time related % ____	Item	1		
	PAYMENT				
A31.0	INTERIM PAYMENT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A32.0	ADJUSTMENT TO THE CONTRACT VALUE Fixed % ____ Value related % ____ Time related % ____	Item	1		
A33.0	RECOVERY OF EXPENSE AND LOSS Fixed % ____ Value related % ____ Time related % ____	Item	1		
A34.0	FINAL ACCOUNT AND FINAL PAYMENT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A35.0	PAYMENT TO OTHER PARTIES Fixed % ____ Value related % ____ Time related % ____	Item	1		
	TERMINATION				
A36.0	TERMINATION BY EMPLOYER – CONTRACTOR'S DEFAULT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A37.0	TERMINATION BY EMPLOYER – LOSS AND DAMAGE Fixed % ____ Value related % ____ Time related % ____	Item	1		
A38.0	TERMINATION BY CONTRACTOR – EMPLOYER'S DEFAULT Fixed % ____ Value related % ____ Time related % ____	Item	1		
A39.0	TERMINATION – CESSATION OF THE WORKS Fixed % ____ Value related % ____ Time related % ____	Item	1		
	DISPUTE				
A40.0	SETTLEMENT OF DISPUTE Fixed % ____ Value related % ____ Time related % ____	Item	1		
	CONTRACT AGREEMENT				
A41.0	POST BID PROVISIONS Clause 41.0 The required post Bid information shall be inserted in the post Bid provisions after consultation with the contractor. Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
A42.0	CONTRACTUAL AGREEMENT Clause 42.0 The required information of the contracting parties and the amount of the accepted contract sum shall be inserted in the contractual agreement for signature of the agreement by the contracting parties. Fixed % ____ Value related % ____ Time related % ____	Item	1		
A43.0	EARTHING AND BONDING Earthing and bonding of the electrical installation Fixed % ____ Value related % ____ Time related % ____ CONTRACT VARIABLES SECTION B: PART 1: Contracting and other parties Fixed % ____ Value related % ____ Time related % ____ Contract and site information	Item	1		
B1.2	Law applicable to contract Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.3	Works identification Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.4	Site information Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.5	Possession of site Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.6	Period before taking possession of the site Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.7	Completion of work in sections Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.8	Waiver of contractors lien Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.9	Defined restriction to the site area Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.10	Geotechnical information Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.11	Existing premises occupied Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.12	Provision of temporary services Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.13	Site Establishment and site office provision Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
	Insurance and securities				
B1.14	Contract works insurance				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.15	Supplementary/Special insurance				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.16	Public liability insurance				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.17	Support insurance				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.18	Special insurance				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Practical Completion dates and penalties				
B1.19	Completion and penalties for the works as a whole				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.20	Completion and penalties for the works in sections				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Documents and General				
B1.21	Free construction document copies				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.22	Priced document used as a specification of material and goods				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.23	Contractor's schedule of rates				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.24	Changes made to the Contract document				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.25	Delivery of priced document				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.26	Work to be undertaken by Direct Contractors				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.27	Handing over manuals				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.28	Interim payment certificate's				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B1.29	Mark-up of drawings for as-built purposes				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
	SECTION B: PART 2:				
	Contracting party				
B2.1	Contracting Party				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Securities				
B2.2	Security				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Payment and adjustment of Preliminaries				
B2.3	Payment of Preliminaries				
	Fixed % ____ Value related % ____ Time related % ____	item	1		
B2.4	Adjustment of Preliminaries				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
B2.5	CPAP Indices				
	Fixed % ____ Value related % ____ Time related % ____	N/A	0		
	Employers changes to the Contract Documents				
B2.6	Acceptance of Employers changes				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	The Bid				
B2.7	Costs associated with preparing and submitting Bid				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	SECTION C: SPECIFIC PRELIMINARIES				
	<u>(Section C contains Specific Preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item)</u>				
	Contract documents				
C1	The drawings issued with these Bid documents do not comprise the complete set but serves as a guide only for Bidding purposes and for indicating the scope of works to enable the Bidder to acquaint him with the nature and extent of the works and the manner in which they are to be executed.				
	Should any part of the drawings not be clearly legible to the Bidder he shall, before submitting his Bid, obtain clarification in writing from the principal agent.				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	General Preambles				
C2	The Document Preambles will be the "ASAQS Model Preambles for Trades – 2008" and is obtainable from the various Regional Office's of the Department of Public Works and shall be read in conjunction with the Bills of Quantities and be referred to for the full descriptions of work to be done and materials to be used.				
	Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
C3	Trade Names Wherever a Trade Name for any product has been described in the Bills of Quantities the Bidder's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of Bids. If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been Bided for Fixed % ____ Value related % ____ Time related % ____	Item	1		
C4	Imported Material and Equipment Where imported items are listed in the Bid documents, the Bidder shall provide all the information called for, failing which the price of any such item, material or equipment shall be excluded from currency fluctuations. (Refer to Schedule of Imported Materials and Equipment) Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provision (CPAP) if applicable. Fixed % ____ Value related % ____ Time related % ____	N/A	0		
C5	Existing premises occupied Refer to Scope of works Part C3 of this Bid Document for information on the occupation of existing buildings. Fixed % ____ Value related % ____ Time related % ____	Item	1		
C6	Inaccurate and defective work executed under a previous contract The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work. Should any inaccurate or defective work be found, the contractor shall immediately notify the SAPS Representative in writing requesting his instructions with regard thereto and afford every facility to those rectifying such inaccurate or defective work. Fixed % ____ Value related % ____ Time related % ____	Item	1		
C7	Viewing the Site in security areas The site is situated in a security area and the Bidder must arrange with the Authorities to obtain permission to enter the site for Biding purposes. Fixed % ____ Value related % ____ Time related % ____	Item	1		
C8	Commencement of Works in security areas If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account. Fixed % ____ Value related % ____ Time related % ____	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
C9	Entrance permits to security areas <p>If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority.</p> <p>Fixed % ____ Value related % ____ Time related % ____</p>	Item	1		
C10	Security provision during the execution of the works <p>The contractor shall be responsible and make provision in the priced BOQ for the provision of security on site for the full duration of the project, site hand-over till final completion. The security will consist of 4 armed guards during the evening (6pm to 6am), 4 guards during the day (6am to 6 pm), 2 armed guards and 2 unarmed guards.</p> <p>Fixed % ____ Value related % ____ Time related % ____</p>	Item	1		
C11	Projects works Insurance <p>The contractor shall be responsible for insurance of the project from the date of the site hand-over till final completion. The insurance shall include, but not limited to, theft of material, natural disasters and damage to material or installed infrastructure due to riots.</p> <p>The contractor shall be responsible to replace the stolen or damaged materials within 30 Calendar days from the date of the incident reported.</p> <p>Fixed % ____ Value related % ____ Time related % ____</p> <p><u>COMMUNITY LIAISON OFFICER (CLO)</u> UTILISATION OF A COMMUNITY LIAISON OFFICER</p> <p>The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract</p> <p>A CLO will be identified by the local structures of the ward areas and appointed following fair and transparent interviewing process, to be conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of any local labour, etc. required for this project. The Contractor is to liaise with the CLO and afford him any assistance needed in ensuring sound working relations with the local community.</p>	Item	1		
	Sub Total (carry forward to next page)				

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	Sub Total Carried Forward				
	<p>Key Responsibilities of the CLO are envisaged to include and not necessary be limited to:</p> <ol style="list-style-type: none"> 1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor 2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor. 3. Assisting the contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor. 4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained. 6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications 8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommendation to the Contractor regarding the grievances and solution thereto. 9. Attending to site meetings and project implementation meetings as required by the Contractor and prepare periodic reports as may be required by the Contractor from time to time. 10. Attending to such other duties which are consistent with the functions of a CLO, as may be required by the Contractor from time to time. <p>Tenderers are to price twice the rate of skilled local labour rate against this item for any and all costs arising out of compliance with the foregoing and in the event of a Tenderer failing to price against this item or making inadequate financial provision against this item for compliance as aforesaid, then no claim for costs or additional cost incurred will be entertained by the Head: SAPS.</p> <p>Fixed % ____ Value related % ____ Time related % ____</p>	Item	1		
C13.4	<p>Provision of PPE</p> <p>Provision and maintenance of sanitisers fixed in position, and replenish on a daily basis as required for the duration of the construction period. All employees must be provided with facial masks all in accordance with the Covid Specification.</p> <p>Fixed % ____ Value related % ____ Time related % ____</p>	Item	1		
C13.5	<p>Consolidated Covid-19 Direction on Health and Safety measures in workplaces - in terms of regulation 4(10) of the national disaster regulations</p> <p>Provision for pricing of the above-mentioned directive and the annexed guidelines and all amendments is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced here and no additional claims in this regard shall be entertained</p> <p>Fixed % ____ Value related % ____ Time related % ____</p>	Item	1		
	Sub Total (carry forward to next page)				

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MADEIRA SAPS REPAIRS AND UPGRADES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION No 2				
	PROVISIONAL BILLS OF QUANTITIES				
	REPAIRS TO PARKHOMES				
	BILL No.1				
	DEMOLITIONS AND REMOVAL OF EXISTING STRUCTURES				
	REMOVAL OF EXISTING WORK				
	Northern Boundary Wall				
1	Breaking up and removing masonry retaining one brick wall 2200mm high	m	48,0	R	-
	South Boundary Wall				
2	Breaking up and removing masonry one brick wall 595mm high	m	13,0	R	-
3	Remove diamond mesh fence of 1800mm high	m	44,0	R	-
	West Boundary Wall				
4	Breaking up and removing masonry one brick wall 2200mm high and associated structures encroaching into Police Station Erf	m	28,9	R	-
	Center Boundary Wall				
5	Breaking up and removing masonry retaining one brick wall 1800mm high	m	55,0	R	-
	SITE CLEARANCE ETC				
	Site Clearance				
	Were paving to be laid				
7	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding girth, bush, etc	m2	1 400,0	R	-
	RELOCATION OF EXISTING SERVICES (PROVISIONAL)				
	Breakup remove and relocate or decommission existing services				
8	As per the Architects or Engineers Instructions	Item	1,0	R	-
	Removal of existing illegal connections				
	Dig up and safely remove existing illegal connection, wiring, cabling etc. as per the Engineers Instruction	Item	1,0	R	-
9					
	REPAIRS TO EXISTING PARKHOMES				
	Parkhome A				
10	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4	R	-
11	Remove and replace Upvc downpipe	m	7,2	R	-
12	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	4,0	R	-
13	Remove and replace exterior security gate, See Architects Specification,	No	4,0	R	-
14	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	6,0	R	-
	Parkhome B				
15	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4	R	-
16	Remove and replace Upvc downpipe	m	7,2	R	-
17	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	4,0	R	-
18	Remove and replace exterior security gate, See Architects Specification,	No	4,0	R	-
19	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	10,0	R	-
	SUB-TOTAL CARRIED FORWARD			R	-

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	SUB-TOTAL CARRIED FORWARD				R	-
	<u>Parkhome C</u>					
20	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4		R	-
21	Remove and replace Upvc downpipe	m	7,2		R	-
22	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	4,0		R	-
23	Remove and replace exterior security gate, See Architects Specification,	No	4,0		R	-
24	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	10,0		R	-
	<u>Parkhome D</u>					
25	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4		R	-
25	Remove and replace Upvc downpipe	m	7,2		R	-
26	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	5,0		R	-
27	Remove and replace exterior security gate, See Architects Specification,	No	5,0		R	-
28	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	10,0		R	-
	<u>Parkhome E</u>					
29	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4		R	-
30	Remove and replace Upvc downpipe	m	7,2		R	-
31	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	3,0		R	-
32	Remove and replace exterior security gate, See Architects Specification,	No	3,0		R	-
	<u>Parkhome F</u>					
33	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4		R	-
34	Remove and replace Upvc downpipe	m	7,2		R	-
35	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	3,0		R	-
36	Remove and replace exterior security gate, See Architects Specification,	No	3,0		R	-
37	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	10,0		R	-
	<u>Parkhome G</u>					
38	All in tact					
	<u>Parkhome H</u>					
39	Remove and replace uPVC gutter size 125mm x 75mm	m	15,4		R	-
40	Remove and replace Upvc downpipe	m	7,2		R	-
41	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	5,0		R	-
42	Remove and replace exterior security gate, See Architects Specification,	Item	1,00		R	-
	SUB-TOTAL CARRIED FORWARD				R	-

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	SUB-TOTAL CARRIED FORWARD				R	-
	<u>Parkhome I</u>					
43	Remove and replace uPVC gutter size 125mm x 75mm	m	15,8		R	-
44	Remove and replace Upvc downpipe	m	14,4		R	-
45	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	3,0		R	-
46	Remove and replace exterior security gate, See Architects Specification,	No	3,0		R	-
47	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	5,0		R	-
	<u>Parkhome J</u>					
48	Remove and replace uPVC gutter size 125mm x 75mm	m	24,4		R	-
49	Remove and replace Upvc downpipe	m	14,4		R	-
50	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	3,0		R	-
51	Remove and replace exterior security gate, See Architects Specification,	No	3,0		R	-
52	Replace damaged aluminium window size 1200mm x 1200mm high along with its ironmongery with burglar bars welded. See Architects Specification,	No	5,0		R	-
	<u>Parkhome K</u>					
53	Remove and replace uPVC gutter size 125mm x 75mm	m	7,9		R	-
54	Remove and replace uPVC downpipe	m	7,2		R	-
	<u>Parkhome L</u>					
55	Remove and replace exterior door size 813 x 2032mm high along with its ironmongery to match existing prefabricated specification. See Architects Specification,	No	1,0		R	-
56	Remove and replace exterior security gate, See Architects Specification,	No	1,0		R	-
	<u>Repairs to concrete and brickwork to ramps and walkways</u>					
57	Make provision of R100 000 - 00 (Hundred thousand rands only) to repair and make smooth to walkways and ramps were chips and destruction are found. Measurable and payment made based on quantities gathered on site upon approval of the Architect. Rates provided to be justifiable.	Item	1		R	-
58	Make provision of R250 000 - 00 (TwoHundred and Fifty thousand rands only) for repairs and upgrades to vandalised parkhome walls where neccessary. Please note that the following applies to units that need remedial measures to achieve the original state only if missing or required as per architects specification on Item 20.Measurable and payment made based on quantities gathered on site upon approval of the Architect. Rates provided to be justifiable	Item	1,0		R	-
	SUB-TOTAL CARRIED FORWARD TO FINAL SUMMARY				R	-

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MADEIRA SAPS REPAIRS AND UPGRADES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>SECTION No 2</p> <p>PROVISIONAL BILLS OF QUANTITIES</p> <p>CONCRETE RETAINING WALL (Separating parkhome erf and Main Police station erf)</p> <p>BILL No 2</p> <p>Note: The design of this wall and the foundations must be certified by the relevant Manufacturer or Civil and Structural Engineer to be provided by the contractor and accepted by the SAPS Project Manager</p> <p>EARTHWORKS (PROVISIONAL)</p> <p>PREAMBLES</p> <p>For preambles see "Model Preambles for Trades (2008 Edition)"</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>Classification of excavated material</p> <p>Hard rock shall mean granite, quartzite sandstone or other rock of similar hardness, the removal of which requires drilling, wedging and splitting or the use of explosives</p> <p>Soft rock shall mean hard material, the removal of which warrants the use of pneumatic tools and includes hard shale, ferricite, compact ouklop and material of similar hardness</p> <p>Earth shall mean all ground other than that classified as rock rock or soft rock and shall include made-up ground and any loose stones or pieces of concrete not exceeding 0,03m³ in volume</p> <p>Applicable standards</p> <p>All earthworks to be carried out in accordance with SANS 2001 - Construction Works Part BE 1: Earthworks (general) as well as SANS 10400-F: Site operations and SANS 10400-G: Excavations</p> <p>Filling material (General)</p> <p>It will be, at all times, required from the contractor to apply and execute quality control on all filling material used</p> <p>excavations, etc. are to be submitted to and approved by the principal agent prior the re-use thereof as "filling"</p> <p>All filling obtained from a commercial source should comply to minimum GS standard</p> <p>Should any material be found unsuitable and the use thereof be disapproved, such material shall be disposed and approved material must be sourced and imported from an approved commercial source</p> <p>Filling in general shall be compacted to the prescribed percentage Mod AASHTO density</p> <p>Filling in sub-layers, under floors, etc.</p> <p>All filling in layers under surface beds, in sub-layers, to form earth mattresses, backfilling, etc. shall be done with materials specified and according to methods prescribed by the SANS 120ME Sub-base Specification in layers of 150mm thickness</p> <p>The aforementioned specification was drawn up to cover activities normally encountered on civil engineering work, which is equally applicable on the filling details and requirements prescribed for this project.</p> <p>The said specification, although not issued with, shall be regarded to form part of these Bill of Quantities. The contractor shall obtain a copy of the said specification from the South African National Standards authority and be kept on site at all times</p>				
	SUB-TOTAL CARRIED FORWARD				R -

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	SUB-TOTAL CARRIED FORWARD				R	-
	<p><u>CBR and indicator tests</u></p> <p>The contractor is to note that all necessary tests (i.e. CBR and indicator tests, etc) are to be conducted for all filling material, whether obtained from the excavations or to be imported from an approved commercial source</p> <p>Results of these tests are to be submitted to and approved by the principal agent prior commencement of any placement thereof and/or filling done therewith</p> <p><u>Density tests</u></p> <p>Density tests for monitoring filling shall be done at the minimum prescribed frequencies per each 150mm thick layer of filling placed</p> <p>It will be required from the contractor to execute density tests for monitoring filling at the minimum frequencies per each filling layer placed:</p> <p>Filling under surface beds, aprons, channels, etc.: 1 Test per 125m² plan area per each 150mm thick layer</p> <p><u>Carting away excessive and/or unsuitable excavated material</u></p> <p>Descriptions for "carting away excessive or unsuitable excavated material from site" shall be deemed to including loading, hauling and off-loading of excessive or unsuitable excavated material to a suitable and approved dumping site, which has to be located by the contractor, off the premises</p> <p>The location of the intended dumping site will be subjected to the prior written approval of the principal agent</p> <p>The contractor shall also be liable to, upon completion, rehabilitate all those areas of the dumping site used dumping/spoling by grading the area to follow the adjacent ground contours and afterwards compacted to 80% Mod AASHTO density, all to the full satisfaction of the principal agent</p> <p>Tendered rates make provision of the above-mentioned as no additional claims in this regard will afterwards be entertained</p> <p><u>Soil poisoning and insecticide</u></p> <p>All soil poisoning and insecticide to be applied under a five year guarantee by an approved firm of Specialists. Soil insecticide shall comply with SANS Specification 1165. Work shall be carried out in accordance with the application of soil insecticides for the protection of buildings - SANS Code of Practice 0124</p> <p>Casting of concrete floors to start within 24 hours after the application of soil poisoning</p> <p><i>Pest control applications must provide:</i></p> <ol style="list-style-type: none"> 1. Proof of pesticides and insecticides (data sheets) 2. Toxicants must be registered with the Department of Agriculture 3. Proof that they are qualified to perform the work 4. Five year guarantee certificate <p><u>Measurement and payment</u></p> <p>Measurement and payment clauses as described in the above-mentioned specification, Standardized Specification for Civil Engineering Construction, shall not apply to the work as set out in this Bill</p> <p><u>Subterranean water</u></p> <p>No information regarding subterranean water is available. The tenderer must acquaint himself of the presence and depth of subterranean water and allow therefore in his prices</p>					
	SUB-TOTAL CARRIED FORWARD				R	-

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	SUB-TOTAL CARRIED FORWARD				R	-
	SITE CLEARANCE ETC					
	<u>Site Clearance</u>					
	<u>Were concrete retaining wall to be constructed</u>					
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding girth, bush, etc	m2	276		R	-
	<u>RESTRICTED EXCAVATION</u>					
	Excavate for restricted foundations, footings and trenches in all material for backfill or embankment or dispose not exceeding 2m deep					
2						
3	Trenches	m3	78		R	-
	<u>Extra over bulk excavations in earth for excavation in</u>					
4	Soft rock	m3	4		R	-
5	Hard rock	m3	8		R	-
6	Hand excavation in soft material around known services	m3	8		R	-
	<u>Extra over all excavations for carting away</u>					
	Surplus material from excavations and/or stock piles from site to a dumping site to be located by the contractor	m3	35		R	-
7						
	<u>Risk of collapse of excavations</u>					
8	Sides of trench and hole excavations exceeding 1,5m deep	m2	110		R	-
	<u>Soil poisoning to excavations</u>					
9	Sides and bottoms of excavations	m2	188		R	-
	<u>Keeping excavations free of water</u>					
10	Keeping excavations free of all water other than subterranean water	Item	1		R	-
	SUB-TOTAL CARRIED FORWARD				R	-

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	SUB-TOTAL CARRIED FORWARD				R	-
	<p>CONCRETE FORMWORK AND REINFORCEMENT</p> <p>Supervision</p> <p>A competent and experienced foreman shall supervise personally the</p> <p>The quality, testing and mixing of materials;</p> <p>The placing and compaction of concrete;</p> <p>The construction and removal of formwork; and</p> <p>The sizes and position of the reinforcement</p> <p>The contractor shall obtain the permission of the engineer or principal agent before commencing concreting of foundations, surface beds and reinforced structure</p> <p>No inspection, approval, authorisation to proceed, comment or instructions following from such an inspection, or failure of the engineer or principal agent to comment on any particular aspect of the work shall be deemed to relieve the contractor in any way from his obligation to ensure through his own supervision that the work is constructed in every way in accordance with the drawings, specifications and conditions of contract, nor relieve him from his obligations to make good any fault or defect, nor shall it be deemed that there is any obligation on the engineer or principal agent to inspect all or any part of the works or that such inspection is necessarily complete in every respect</p> <p>REINFORCEMENT</p> <p>Standard welded steel fabric reinforcement shall be as included in Table 1 of SANS 1024 and shall have 300mm wide laps</p> <p>The mass of binding wire is not included in the mass of the reinforcement and the cost thereof must be included in the rates for reinforcement</p> <p>CONCRETE IN FOUNDATIONS (PROVISIONAL)</p> <p>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</p> <p><u>15 Mpa Concrete</u></p> <p>11 Blinding, 50mm thick under footings</p> <p>m3 4</p> <p>R -</p> <p>REINFORCED CONCRETE FOUNDATION (in accordance to manufacturer specification)</p> <p><u>35MPa/19mm concrete</u></p> <p>12 Strip footings</p> <p>m3 36</p> <p>R -</p> <p><u>50MPa Concrete</u></p> <p>13 Reinforced concrete cast in situ retaining wall</p> <p>m3 74</p> <p>R -</p> <p>CONCRETE SUNDRIES</p> <p><u>Finishing top surfaces of concrete smooth with a wooded float</u></p> <p>14 Walls, etc</p> <p>m2 512</p> <p>R -</p>					
	SUB-TOTAL CARRIED FORWARD				R	-

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	SUB-TOTAL CARRIED FORWARD				R	-
	<u>Test cubes</u>					
15	Making and testing 150 x 150 x 150mm concrete strength test cubes	No	7		R	-
	<u>Formwork</u>					
	Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use					
	the vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.					
	Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"					
	Degree of accuracy of formwork: Grade 2 as SABS 1280G					
16	Smooth formwork to sides	m2	142		R	-
	<u>Reinforcement (Provisional)</u>					
	<u>High tensile steel reinforcement in structural concrete work</u>					
17	Y10 Diameter Bar as per Engineer's specification	t	0,07		R	-
18	Y12 Diameter Bar as per Engineer's specification	t	0,03		R	-
	<u>MOVEMENT JOINTS (PROVISIONAL)</u>					
	<u>Vertical insole construction joints through concrete including lime wash or bitumen applied to exposed joint surface</u>					
19	In between retaining wall	m	41		R	-
	<u>WATERPROOFING (PROVISIONAL)</u>					
	<u>DAMP PROOFING OF WALLS AND FLOORS</u>					
	One layer of 250 micron green polyethylene waterproof sheeting to SANS Specification 952 Type C sealed at laps with pressure sensitive tape					
20	Under walls	m2	78		R	-
	<u>DRAINAGE (PROVISIONAL)</u>					
	<u>Weep holes</u>					
21	50mm diameter pvc weep holes through wall @ 5000mm c/c	No	93		R	-
	<u>Backfilling</u>					
22	Rock backfilling (porous material for water flow)	m3	530		R	-
	<u>Drainage</u>					
23	150mm diameter perforated geo-tech drainage pipe	m	55		R	-
	SUB-TOTAL CARRIED FORWARD TO FINAL SUMMARY				R	-

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MADEIRA SAPS REPAIRS AND UPGRADES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION No 2				
	PROVISIONAL BILLS OF QUANTITIES				
	BOUNDARY WALL (North, South & West Boundary)				
	BILL No. 3				
	EXCAVATION, FILLING, ETC / FOUNDATION				
	<u>Excavation in earth not exceeding 2m deep</u>				
1	Trenches	m3	73	R	-
	<u>Extra over trench and hole excavations in earth for</u>				
	<u>excavation in (final quantity to be determined by structural engineer)</u>				
2	Soft rock	m3	4	R	-
3	Hard rock	m3	7	R	-
	<u>Extra over all excavations for carting away</u>				
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	32	R	-
	<u>Risk of collapse of excavations</u>				
5	Sides of trench and hole excavations not exceeding 1,5m deep	m2	244	R	-
	FILLING ETC				
	<u>Earth filling obtained from the excavations and/or</u>				
	<u>prescribed stock piles on site, compacted to 93% Mod</u>				
	<u>AASHTO density</u>				
6	Backfilling to trenches, holes, etc.	m3	32	R	-
	SOIL POISONING				
	<u>Soil insecticide</u>				
7	To sides and bottom of trenches and holes	m2	73	R	-
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	<u>30MPa/19mm concrete</u>				
8	Strip footings	m3	22	R	-
	REINFORCEMENT (PROVISIONAL)				
9	R8 Diameter Bar as per Engineer's specification	t	0,11	R	-
10	Y10 Diameter Bar as per Engineer's specification	t	0,11	R	-
11	Y12 Diameter Bar as per Engineer's specification	t	0,11	R	-
	SUB-TOTAL CARRIED FORWARD			R	-

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SUB-TOTAL CARRIED FORWARD				R	-
BRICKWORK FOUNDATION					
<u>Brickwork of clay plaster bricks (10 Mpa nominal compressive strength) in class I mortar</u>					
12	220mm One brick walls	m2	85	R	-
SUPERSTRUCTURE					
<u>Face brick with 'satin finish manufactured from burnt clay' work on both sides</u>					
13	220mm One brick walls	m2	287	R	-
<u>Brick Piers</u>					
14	660mm x 440mm	m3	27	R	-
<u>Brickwork reinforcement</u>					
15	150mm Wide reinforcement built in horizontally	m	1182	R	-
<u>One layer of 250 micron green polyethylene waterproof sheeting to SANS Specification 952 Type C sealed at laps with pressure sensitive tape</u>					
16	Under walls	m2	40	R	-
<u>Weep holes</u>					
17	50mm diameter pvc weep holes through wall @ 600mm c/c	No	203	R	-
<u>Coping</u>					
18	Brick on edge coping	m	122	R	-
<u>Spikes</u>					
19	2mm thick toughened steel 100mm electro galvanised spikes on top of wall	m	122	R	-
<u>Razor Wire</u>					
20	600mm high galvanised high tensile steel flat wrap razor wire	m	122	R	-
ROCKFILLING					
21	Loose lying rocks (with an aggregate layer and as per the architect and engineers specification) along the boundary wall	m3	7	R	-
SUB-TOTAL CARRIED TO FINAL SUMMARY				R	-

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION No.2 PROVISIONAL BILLS OF QUANTITIES GATES. MESH FENCE. BALUSTRADES ETC BILL No 4 VEHICLE ACCESS GATE <p>6000mm x 2400mm High motorised sliding gate with minimum 600mm high razor wire on top. The frame to be constructed from 50mm x75mm mild steel rectangle tubing painted the same color as the fence panel finish. The steel panels to be clamber proof with see through capabilities and a top coat finish of marine fusion bond coat in dove grey colour or as per the approved color. The mesh strands to be 3mm in diameter minimum, cut resistant and with aperture not exceeding 12 x 12mm. Provide 100mm electro galvanised, 2mm thick toughened steel spikes on top of gate. The gate must be lockable with a heavy duty padlock from inside of the premises. Heavy load gate rollers with bearings and spring support to be used. The gate to be fitted with 80mm Ø industrial type V-wheels. Addition wheels to be fitted to gate when exceeding the gate weight of 1100kg. The track for the gate shall consist of:</p> <p>152 x 152mm Mild steel H-Section beam cast in reinforced concrete foundation. The mild steel H-Section beam to be levelled prior to casting the beam in concrete.</p> <p>20 x 3mm Mild steel flat bar lugs to be welded along the length of the beam at maximum 600mm c/c. Lugs to be cut minimum 150mm lengths.</p> <p>20mmØ Mild steel solid round bar welded on top of mild steel H-Section beam to ease opening the gate manually and take strain off gate motor.</p> <p>Gate to be fitted with 80mm diameter industrial type V Wheels. Please refer to architectural drawings.</p>	No	2		R -
	PEDESTRIAN ACCESS GATE <p>1200mm x 1800mm High pedestrian gate with 600mm high galvanized high tensile steel flat wrap razor wire on top of gate to achieve a minimum total height of 3000mm. The steel panels to be clamber proof with see through capabilities and a top coat finish of marine fusion bond coat in dove grey colour or as per the approved color. The mesh strands to be 3mm in diameter minimum, cut resistant and with aperture not exceeding 12 x 12mm. Provide 100mm electro galvanised, 2mm thick toughened steel spikes on top of gate. Single skin clamber proof fence with maximum aperture of 75mm x 12mm. 85mm tapered to 45mm mild steel posts by fence manufacturer. Post to be built into 600mm deep foundation.</p> <p>Provide electronic magnetic locking system controlled from the guard kiosk/CSC with an option of manual heavy duty padlock lock and fitted with self locking mechanism for optimal security. Please refer to architectural drawings.</p>	No	2		R -
	PEDESTRIAN ACCESS GATE ON TOP OF RETAINING WALL <p>1200mm x 2400mm High pedestrian gate with 600mm high galvanized high tensile steel flat wrap razor wire on top of gate to achieve a minimum total height of 3000mm. Diamond mesh fencing as per the Architects specification and drawing A100</p>	No	1		R -
	WELDED MESH FENCING ON TOP OF RETAINING WALL <p>Welded mesh fence along with its associated members with galvanized high tensile steel flat wrap razor wire on top of gate to achieve a minimum total height of 3000mm. welded mesh fencing as per the Architects specification.</p>				
4	Welded mesh fencing as per the Architects specification and drawing sheet A100	m	55		R -
5	Middle Posts (Stays) including 100mm x 100mm square plate that will be bolted into insitu concrete. Four bolts to be inserted onto the plate through the concrete	No	18		R -
6	Corner Posts including 100mm x 100mm square plate that will be bolted into insitu concrete. Four bolts to be inserted onto the plate through the concrete	No	4		R -
7	600mm high galvanized high tensile steel flat wrap razor wire	No	55,12		R -
	SUB-TOTAL CARRIED FORWARD				R -

SUB-TOTAL CARRIED FORWARD				R	-
<u>GATE MOTOR</u>					
8	Industrial type gate motor with the capacity to withhold the weight of 1000 kg gate with open and closed cycle per day. Connect the gate motor to the main power supply and provide and install an isolator box as indicated in the drawings. Provide electrical connection and access control connection at guard kiosk. Provide 200mm high curb around gate motor.	No	2	R	-
<u>STEEL HAND RAILS, BALUSRADES, ETC</u>					
9	Balustrading fixed to walkways and staircases, to match existing hand rails according to the architects specification. (Stainless steel handrails to staircases & walkways)	m	140	R	-
10	Hollow section vertical rails 1000mm high etc	No	280	R	-
11	Hollow section Knee rails etc	m	140	R	-
12	Hollow section continuous rails raking incl. all ends, etc	m	123	R	-
13	Hollow section continuous rails incl. all ends, etc	m	123	R	-
SUB-TOTAL CARRIED FORWARD TO FINAL SUMMARY				R	-

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MADEIRA SAPS REPAIRS AND UPGRADES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SECTION No 2					
PROVISIONAL BILLS OF QUANTITIES					
STORMWATER MANAGEMENT					
BILL No 5					
A	PIPING				
1	450mm dia concrete pipe, not exceeding 2m Deep (By the municipal road) as per engineers spec	m	45	R	-
2	250mm dia uPVC pipe, not exceeding 2m Deep, (Inside the parkhome erf) as per engineers spec	m	50	R	-
3	Selected granular material for 450mm dia pipe trench as per engineers spec	m3	20	R	-
4	Selected fill material for 250mm dia pipe trench as per engineers spec	m3	28	R	-
5	Municipal Connection fitting as per engineers spec	No	2	R	-
6	Internal soil fittings connection fitting (Tees, Junctions, reducing e.t.c) as per engineers spec	No	7	R	-
7	Sealing of stormwater pipes as per engineers spec	Item	1	R	-
8	Precast concrete Junction Box Size 1000mm x 1000mm x 1000 high as per engineers spec	No	1	R	-
B	EXCAVATIONS OF DRAINS, PIPES ETC				
	<u>Excavation in earth not exceeding 2m deep</u>				
9	Trenches	m3	79	R	-
	<u>Extra over trench and hole excavations in earth for excavation in (final quantity to be determined by structural engineer)</u>				
10	<u>Soft rock</u>	m3	4	R	-
11	<u>Hard rock</u>	m3	8	R	-
	<u>Extra over all excavations for carting away</u>				
12	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	11	R	-
	<u>Risk of collapse of excavations</u>				
13	Sides of trench and hole excavations not exceeding 1,5m deep	m2	257	R	-
	FILLING ETC				
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>				
14	Backfilling to trenches, holes, etc.	m3	47	R	-
	<u>Soil insecticide</u>				
15	To sides and bottom of trenches and holes	m2	92	R	-
C	Paving to parking areas, road ways, etc				
	<u>Paving is to be laid in accordance with SABS 1200 MJ, SABS 1058 and the Concrete Masonry Association's specifications paving is to be laid in herringbone pattern on 25mm (thickness after final compaction) clean river sand (preparation of ground or filling elsewhere) Clean sand is to be swept into joints between roadstones</u>				
16	Make provision of R30 649 - 50 (Thirty Thousand Six Hundred abd Fourty Nine Rand and Fifey Cents only) for levelling (Cut & Fill) were paving to be laid as per the Land Surveyors findings. Measurable and payment made based on quantities gathered on site upon approval of the Civil Engineer, All rates and quantities provided to be justifiable.	Item	1	R	-
17	Strip 150mm topsoil and spoil	m3	210,00	R	-
18	Remove 300mm after stripping to spoil	m3	420,00	R	-
19	Fill 300mm after stripping to spoil	m3	420,00	R	-
	<u>Soil poisoning</u>				
20	To under paving	m2	1400,00	R	-
	SUB-TOTAL CARRIED FORWARD				
				R	-

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SUB-TOTAL CARRIED FORWARD			R	-
150mm upper subbase filling supplied by contractor compacted layers to 95% Mod AASHTO density				
21	Under floors, steps, paving	m2	1400,00	R -
Earth filling supplied by contractor under building platforms, paving areas, etc				
22	25mm River sand under paving	m3	35,00	R -
23	150mm thick upper subbase; imported natural gravel G5 under paving stabilised with 3% of OPC	m3	210,00	R -
24	150mm G7 layer under paving filling supplied by contractor compacted layers to 95% Mod AASHTO density	m3	210,00	R -
25	150mm G9 or G10 layer under paving filling supplied by contractor compacted layers to 93% Mod AASHTO density	m3	210,00	R -
26	35MPa Grey concrete 80mm Interlocking pavers laid to slight falls on a 50mm thick bed of approved sand (elsewhere measured), including jointing and flush pointing as the work proceeds, and including filling at edges and against concrete kerbs	m2	1400,00	R -
27	Extra over for straight edge blocks	m	283,30	R -
Kerbstone				
300 x 200mm Annexure A.2 semi mountable, including all necessary excavations, cartaway, risk of collapse, compaction, backfilling, haunching etc all in accordance with Engineers drawings and specifications				
28	Semi mountable Kerb to roads, parking, sidewalks etc	m	144,30	R -
Cast-In-Situ Reinforced Concrete V-Drain (Excavations measured in point B above)				
Concrete				
29	15Mpa concrete in surface blinding	m³	0,01	R -
30	30mpa concrete cast in situ in panels of 3m each	m³	1,37	R -
Formwork				
31	Rough formwork to sides not exceeding 300mm high	m	0,70	R -
Sundries				
32	Finishing top of concrete surfaces with steel float	m²	0,35	R -
Reinforcement				
33	Mesh ref 193 laid in slabs with min 25mm concrete cover	m²	0,35	R -
Pre-cast Reinforced Concrete U-Drain (Excavations measured in point B above)				
Concrete				
34	15Mpa concrete in surface blinding	m³	0,01	R -
35	Precast concrete drain with u-type steel grating trench drainage cover to the engineers specification. Rate to included fitting in the drain, backfill and making good. See specification provided.	m	55,00	R -
Ramp Access Way (Excavations measured in point B above)				
Concrete				
36	15Mpa concrete in surface blinding	m³	0,11	R -
37	30mpa concrete cast in situ in panels of 3m each see spec for slope diamensions	m³	1,28	R -
Formwork				
38	Rough formwork to sides not exceeding 300mm high	m	16,00	R -
Sundries				
39	Finishing top of concrete surfaces with steel float	m²	7,50	R -
Reinforcement				
40	Mesh ref 193 laid in slabs with min 25mm concrete cover	m²	7,50	R -
Wall Signage				
41	1100mm x 1100mm square photographically etched SAPS CREST emblem against the brickwork boudary (as per architectural specifications) For Main Station erf and Park Home Erf	No	2,00	R -
SUB-TOTAL CARRIED FORWARD TO FINAL SUMMARY			R	-

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ANNEXTURE A
ELECTRICAL WORKS

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Bill 1: Madeira Standby Generator

Item	Description	Unit	Qty	Rate	Amount
NOTE 1: THE FOLLOWING WORK IS TO BE CARRIED OUT BY AN APPROVED SPECIALIST SUPPLIER – Supply, deliver, install and commissioning of Standby Generator Set: the following systems including all components and sundries, tests, etc. required to bring the installations to the working order intended & comply with written guarantee.					
1	Preliminary & General: 1.1 Site Establishment . 1.2 Prepare & submit Health & Safety Plan, 1.3 Prepare & submit Programme of the works ; 1.4 Removal of Rubbish & waste on site; 1.5 Warrantee agreement for 12 months.	sum	1		
2	Supply, deliver(including transport to site),install and commissioning of an outdoor 100KVA standby generator (three phase) complete with base tank , AMF control panel, sound attenuation canopy, electrical protection switchgear located inside the generator control panel and warning safety sign. As per sepecification.	No	1		
3	Factory load test of the specified for 100KVA standby generator, inclusive of fuel, consumables, load bank etc.	No	1		
4	Supply and install thermal magnetic 350A circuit breaker with a current rating of 25kA.	No	1		

5	Supply diesel fuel: Commissioning and replenishment during inspections.	L	340		
6	Construct and install complete palisade fencing, including matching entrance gate and locking mechanism as per specification (Palisade fence must be 1.5m away from the generator)	sum	1		
7	Supply and construct the plinth on site, the top of the plinth shall protrude at least 200mm above the ground level and 100mm beyond the edges of the generator set.	sum	1		
8	Supply operating instructions, maintenance manuals and fault finding instructions and symbolic safety signs	No	1		
9	Excavation depth of 0.5 m and width of 0.3 m and length of 6m of soft/rock/hard rock, backfilling and laying of electrical of warning tape.	p/m³	10		
10	Reinstate concrete/paving/soil and installation of electrical warning tape.	p/m³	10		
11	Supply and install PVC SWA copper conductor Armoured cable, low voltage 4 core stranded 35mm² complete with mechanical cable glands.	p/m	30		
12	Supply and install , non-sheathed, copper conductor/cable, single core, stranded 16 mm² complete with accessories	p/m	15		
13	Supply and install cable tray with a size of 200*50mm including accessories.	p/m	10		

14	Supply and install PVC cable sleeve with a diameter of 110mm.	p/m	4		
15	Surface mounted industrial distribution box compatible for 150A 25kA circuit breaker (480x800x110mm)	No	1		
16	Site hand-over inspection with the client including meeting and final delivery .	No	3		
17	Training of end user operating staff in the station and submit training certificate to Project Manager	No	2		
18	Safety compliance as per OHS act and specification, including DCP Fire extinguisher Cabinet and 9 kg dry powder fire extinguisher combo in the generator plant	No	1		
19	Test and commissioning , Certificate of Compliance (COC) with regards to all electrical reticulation, connections, wiring of generator set	No	1		
24	Provisional Sum For Transport & Labour	1	1		
	Subtotal				
	Total Carried forward to final Summary of Annexure A				

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