

Item No	Quantity	Rate	Amount
<p><u>SECTION No. 1 - PRELIMINARIES</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>MEANING OF TERMS "TENDER / TENDERER"</u></p> <p>Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"</p> <p><u>PRELIMINARIES</u></p> <p>The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable"</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item</p> <p>Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities</p>			
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SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

DEFINITIONS

1 **A1.0 DEFINITIONS AND INTERPRETATION**

Clause 1.0

Clause 1.1 Definition of "**Commencement Date**" is added:

"**COMMENCEMENT DATE**" means the date that is 5 working days after site hand over.

Clause 1.1 Definition of "**Construction Guarantee**" is amended by replacing it with the following:

"**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**

Clause 1.1 Definition of "**Construction Period**" is amended by replacing it with the following:

"**CONSTRUCTION PERIOD**" means the period commencing on the **commencement date** and ending on the date of **practical completion**

Clause 1.1 Definition of "**Corrupt Practice**" is added:

"**CORRUPT PRACTICE**" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution

Clause 1.1 Definition of "**Fraudulent Practice**" is added:

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"FRAUDULENT PRACTICE" means a misrepresentation of facts in order to influence a procurement 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

Clause 1.1 Definition of **"Interest"** is amended by replacing it with the following:

"INTEREST" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:

(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply;

and

(b) in respect of interest owed to the employer, the interest 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), will apply

Clause 1.1 Definition of **"Principal Agent"** is amended by replacing it with the following:

"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**

Clause 1.1 Definition of **"Security"** is amended by replacing it with the following:

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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

Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"

Clause 1.6.4 is amended by replacing it with the following:

No clause

Fixed: _____ Value related: _____ Time related: _____

Item

OBJECTIVE AND PREPARATION

1 A2.0 OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

Fixed: _____ Value related: _____ Time related: _____

Item

2 A3.0 DOCUMENTS

Clause 3.0

Clause 3.2.1 is amended by replacing "14.1" with "14.0"

Clause 3.7 is amended by the addition of the following:

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

Clause 3.10 is amended by replacing the second reference to "**principal agent**" with the word "**employer**"

Fixed: _____ Value related: _____ Time related: _____

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1 **A4.0 DESIGN RESPONSIBILITY**
 Clause 4.0
 Clause 4.3 is amended by replacing it with the following:
 No clause
 Fixed: _____ Value related: _____ Time
 related: _____

Item

2 **A5.0 EMPLOYER'S AGENTS**
 Clause 5.0
 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3
 and 34.4 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.
 Fixed: _____ Value related: _____ Time
 related: _____

Item

3 **A6.0 SITE REPRESENTATIVE**
 Clause 6.0
 Fixed: _____ Value related: _____ Time
 related: _____

Item

4 **A7.0 COMPLIANCE WITH REGULATIONS**
 Clause 7.0
 Fixed: _____ Value related: _____ Time
 related: _____

Item

5 **A8.0 WORKS RISK**
 Clause 8.0
 Fixed: _____ Value related: _____ Time
 related: _____

Item

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1 **A9.0 INDEMNITIES**
 Clause 9.0
 Fixed: _____ Value related: _____ Time
 related: _____

Item

2 **A10.0 WORKS INSURANCES**
 Clause 10.0
 Clause 10.0 is amended by the addition of the following
 clauses:

10.5 Damage to the Works

- (a) 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
- (b) 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**
- (c) 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
- (d) 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

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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 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**

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- (e) 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

- (f) 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 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

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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 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

Fixed: _____ Value related: _____ Time related: _____

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1	<p>A11.0 LIABILITY INSURANCES</p> <p>Clause 11.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
2	<p>A12.0 EFFECTING INSURANCES</p> <p>Clause 12.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
3	<p>A13.0 No clause</p>	N/A	
4	<p>A14.0 SECURITY</p> <p>Clause 14.0</p> <p>Clauses 14.1 - 14.8 are amended by replacing them with the following:</p> <p>14.1 The security to be submitted by the contractor to the employer will be as a payment reduction of up to ten per cent (10%) of the value certified in the payment certificate (excluding VAT)</p> <p>14.1.1 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>14.1.2 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</p> <p>14.2 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> <p>14.2.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(B)</p>		
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14.2.2 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**

14.9 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

Fixed: _____ Value related: _____ Time related: _____

Item

EXECUTION

1 A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS

Clause 15.0

Clause 15.1.1 is amended by replacing it with:

No clause

Clause 15.1.2 is amended by replacing it with:

The **security** selected in terms of 14.0

Clause 15.1 is amended by the addition of the following clause:

15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within fourteen (14) **calendar days of commencement date**

Clause 15.2.1 is amended by replacing it with the following clause:

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Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1.4

Fixed: _____ Value related: _____ Time related: _____

Item

1 A16.0 ACCESS TO THE WORKS

Clause 16.0

Fixed: _____ Value related: _____ Time related: _____

Item

2 A17.0 CONTRACT INSTRUCTIONS

Clause 17.0

Clause 17.1.11 is amended by deleting the words "and the appointment of **nominated** and **selected subcontractors**"

Fixed: _____ Value related: _____ Time related: _____

Item

3 A18.0 SETTING OUT OF THE WORKS

Clause 18.0

Fixed: _____ Value related: _____
Time related: _____

Item

4 A19.0 ASSIGNMENT

Clause 19.0

Fixed: _____ Value related: _____ Time related: _____

Item

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1 **A20.0 NOMINATED SUBCONTRACTORS**

Clause 20.0

Clause 20.1.3 is amended by replacing it with the following:

No clause

Note: See item B9.1 hereinafter for adjustment of attendance on **nominated subcontractors** executing work allowed for under provisional sums

Fixed: _____ Value related: _____ Time related: _____

Item

2 **A21.0 SELECTED SUBCONTRACTORS**

Clause 21.0

Clause 21 is amended by replacing it with:

No clause

Fixed: _____ Value related: _____ Time related: _____

Item

3 **A22.0 EMPLOYER'S DIRECT CONTRACTORS**

Clause 22.0

Fixed: _____ Value related: _____ Time related: _____

Item

4 **A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS**

Clause 23.0

Fixed: _____ Value related: _____ Time related: _____

Item

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COMPLETION

1 **A24.0 PRACTICAL COMPLETION**

Clause 24.0

Fixed: _____ Value related: _____ Time related: _____

Item

2 **A25.0 WORKS COMPLETION**

Clause 25.0

Fixed: _____ Value related: _____ Time related: _____

Item

3 **A26.0 FINAL COMPLETION**

Clause 26.0

Fixed: _____ Value related: _____ Time related: _____

Item

4 **A27.0 LATENT DEFECTS LIABILITY PERIOD**

Clause 27.0

Fixed: _____ Value related: _____ Time related: _____

Item

5 **A28.0 SECTIONAL COMPLETION**

Clause 28.0

Fixed: _____ Value related: _____ Time related: _____

Item

6 **A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION**

Clause 29.0

Clause 29.2.5 is amended by replacing it with:

No clause

Fixed: _____ Value related: _____ Time related: _____

Item

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1	<p>A30.0 PENALTY FOR NON-COMPLETION</p> <p>Clause 30.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><u>PAYMENT</u></p>	Item
2	<p>A31.0 INTERIM PAYMENT TO THE CONTRACTOR</p> <p>Clause 31.0</p> <p>Clause 31.5.2 is amended by replacing "14.7.1" with "14.0 and 31.8"</p> <p>Clause 31.8 is amended by replacing it with the following two alternative clauses:</p> <p>Alternative A</p> <p>31.8(A) Where a security is selected in terms of 14.1; 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(A).1 Ninety-five percent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(A).2 Ninety-seven and half percent (97.5%) 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(A).3 Ninety-nine percent (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(A).4 One hundred percent (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 style="text-align: right; margin-right: 100px;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL</p> <p>PROVISIONAL BILLS OF QUANTITIES</p>	R

Clause 31.12 is amended by deleting the following:

Payment shall be subject to the **employer** giving the **contractor** a tax invoice for the amount due

Fixed: _____ Value related: _____ Time related: _____

Item

1 A32.0 ADJUSTMENT TO THE CONTRACT VALUE

Clause 32.0

Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:

"due to no fault of the **contractor**"

Add the following clauses: 33.2.9 to 33.2.13:

33.2.9 the **contractor's** failure or neglect to commence with the works on the dates prescribed in the contract

33.2.10 the **contractor's** failure or neglect to proceed with the works in terms of the contract

33.2.11 the **contractor's** failure or neglect for any reason to complete the works in accordance with the contract

33.2.12 the **contractor's** refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract

33.2.13 the **contractor's** estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa.

Fixed: _____ Value related: _____ Time related: _____

Item

2 A33.0 RECOVERY OF EXPENSE AND LOSS

Clause 33.0

Fixed: _____ Value related: _____ Time related: _____

Item

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1 **A34.0 FINAL ACCOUNT AND FINAL PAYMENT**

Clause 34.0

Clause 34.1 is amended by removing "#" next to 34.1

Clause 34.2 is amended by inserting "#" next to 34.2

Clause 34.13 is amended by replacing "seven (7) **calendar days**" with "twenty-one (21) **calendar days**" and deleting the words "subject to the **employer** giving the **contractor** a tax invoice for the amount due"

Fixed: _____ Value related: _____ Time related: _____

Item

2 **A35.0 PAYMENT TO OTHER PARTIES**

Clause 35.0

Fixed: _____ Value related: _____ Time related: _____

Item

CANCELLATION

3 **A36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT**

Clause 36.0

Clause 36.1 is amended by the addition of the following clauses:

36.1.3 refuses or neglects to comply strictly with any of the conditions of contract

36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

36.1.5 in the judgement of the **employer**, has engaged in **corrupt** or **fraudulent practices** in competing for or in executing the contract

Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "**principal agent**" with "**employer**"

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Clause 36.0 is amended by the addition of the following clause:

36.3 Remove reference to "No clause", and replace "principal agent" with "employer"

36.7 Notwithstanding any clause to the contrary, on cancellation of this **agreement** either by the **employer** or the **contractor**; or for any reason whatsoever, the **contractor** shall on written instruction, discontinue with the **works** on a date stated 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

Fixed: _____ Value related: _____ Time related: _____

1 A37.0 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE

Clause 37.0

Clause 37.3.5 is amended by replacing "ninety (90)" with "one hundred and twenty (120)"

Clause 37.0 is amended by the addition of the following clause:

37.3.5 Replace "ninety (90)" with "one hundred and twenty (120) and 38.5.4

Fixed: _____ Value related: _____ Time related: _____

2 A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT

Clause 38.0

Clause 38.5.4 is amended by replacing "ninety (90)" with "one hundred and twenty (120)"

Clause 38.0 is amended by the addition of the following clause:

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38.7 Notwithstanding any clause to the contrary, on cancellation of this **agreement** either by the **employer** or the **contractor**; or for any reason whatsoever, the **contractor** shall on written instruction, discontinue with the **works** on a date stated 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

Fixed: _____ Value related: _____ Time related: _____

Item

1 A39.0 CANCELLATION - CESSATION OF THE WORKS

Clause 39.0

Clause 39.3.5 is amended by the addition of the following at the end of the sentence:

"within one hundred and twenty (120) **working days** of completion of such a report"

Fixed: _____ Value related: _____ Time related: _____

Item

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DISPUTE

1 **A40.0 DISPUTE SETTLEMENT**

Clause 40.0

Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"

Clause 40.6 is amended by removing the reference to:

No clause

Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:

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

Fixed: _____ Value related: _____ Time related: _____

Item

SUBSTITUTE PROVISIONS

2 **A41.0 STATE CLAUSES**

Clause 41.0

Fixed: _____ Value related: _____ Time related: _____

Item

CONTRACT VARIABLES

3 **A42.0 THE SCHEDULE (C1.2)**

Clause 42.0

Tenderers are referred to the C1.2 CONDITIONS OF CONTRACT AND CONTRACT VARIABLES for variables pertaining to this contract

Fixed: _____ Value related: _____ Time related: _____

Item

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SECTION B: JBCC PRELIMINARIES

B1.0 DEFINITIONS AND INTERPRETATION

1 ***B1.1 Definitions and interpretation***

See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section

Fixed: _____ Value related: _____ Time related: _____

Item

B2.0 DOCUMENTS

2 ***B2.1 Checking of documents***

Fixed: _____ Value related: _____ Time related: _____

Item

3 ***B2.2 Provisional bills of quantities***

Fixed: _____ Value related: _____ Time related: _____

Item

4 ***B2.3 Availability of construction documentation***

Fixed: _____ Value related: _____ Time related: _____

Item

5 ***B2.4 Interests of agents***

Fixed: _____ Value related: _____ Time related: _____

Item

6 ***B2.5 Priced documents***

Fixed: _____ Value related: _____ Time related: _____

Item

7 ***B2.6 Tender submission***

Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance DPW-07(EC)"

Fixed: _____ Value related: _____ Time related: _____

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B3.0 THE SITE

1 **B3.1 Defined works area**

Fixed: _____ Value related: _____ Time related: _____

Item

2 **B3.2 Geotechnical investigation**

Fixed: _____ Value related: _____ Time related: _____

Item

3 **B3.3 Inspection of the site**

Fixed: _____ Value related: _____ Time related: _____

Item

4 **B3.4 Existing premises occupied**

Fixed: _____ Value related: _____ Time related: _____

Item

5 **B3.5 Previous work - dimensional accuracy**

Fixed: _____ Value related: _____ Time related: _____

Item

6 **B3.6 Previous work - defects**

Fixed: _____ Value related: _____ Time related: _____

Item

7 **B3.7 Services - known**

Fixed: _____ Value related: _____ Time related: _____

Item

8 **B3.8 Services - unknown**

Fixed: _____ Value related: _____ Time related: _____

Item

9 **B3.9 Protection of trees**

Fixed: _____ Value related: _____ Time related: _____

Item

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1	<p>B3.10 Articles of value</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
2	<p>B3.11 Inspection of adjoining properties</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
<p><u>B4.0 MANAGEMENT OF CONTRACT</u></p>			
3	<p>B4.1 Management of the works</p> <p>Fixed: _____ Value related: _____ Time related: R _____</p>	Item	
4	<p>B4.2 Programme for the works</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
5	<p>B4.3 Progress meetings</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
6	<p>B4.4 Technical meetings</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
7	<p>B4.5 Labour and plant records</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
<p><u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u></p>			
8	<p>B5.1 Samples of materials</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	

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1	B5.2 Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item		
2	B5.3 Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item		
3	B5.4 Compliance with manufacturers' instructions Fixed: _____ Value related: _____ Time related: _____	Item		
<u>B6.0 TEMPORARY WORKS AND PLANT</u>				
4	B6.1 Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item		
5	B6.2 Enclosure of the works Fixed: _____ Value related: _____ Time related: _____	Item		
6	B6.3 Advertising Fixed: _____ Value related: _____ Time related: _____	Item		
7	B6.4 Plant, equipment, sheds and offices Fixed: _____ Value related: _____ Time related: _____	Item		
8	B6.5 Main notice board Fixed: _____ Value related: _____ Time related: _____	Item		
9	B6.6 Subcontractors' notice board Fixed: _____ Value related: _____ Time related: _____	Item		
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B7.0 TEMPORARY SERVICES

1 **B7.1 Location**

Fixed: _____ Value related: _____ Time related: _____

Item

2 **B7.2 Water**

Fixed: _____ Value related: _____ Time related: _____

Item

3 **B7.3 Electricity**

Fixed: _____ Value related: _____ Time related: _____

Item

4 **B7.4 Telecommunication facilities**

Fixed: _____ Value related: _____ Time related: _____

Item

5 **B7.5 Ablution facilities**

Fixed: _____ Value related: _____ Time related: _____

Item

B8.0 PRIME COST AMOUNTS

6 **B8.1 Responsibility for prime cost amounts**

Fixed: _____ Value related: _____ Time related: _____

Item

B9.0 ATTENDANCE ON N/S SUBCONTRACTORS

7 **B9.1 General attendance**

Fixed: _____ Value related: _____ Time related: _____

Item

8 **B9.2 Special attendance**

Fixed: _____ Value related: _____ Time related: _____

Item

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1	<p>B9.3 Commissioning - fuel, water and electricity</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
<u>B10.0 FINANCIAL ASPECTS</u>			
2	<p>B10.1 Statutory taxes, duties and levies</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
3	<p>B10.2 Payment for preliminaries</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
4	<p>B10.3 Adjustment of preliminaries</p> <p>Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "when submitting his priced bills of quantities / lump sum document"</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
5	<p>B10.4 Payment certificate cash flow</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
<u>B11.0 GENERAL</u>			
6	<p>B11.1 Protection of the works</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
7	<p>B11.2 Protection / isolation of existing / sectionally occupied works</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
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1	B11.3 Security of the works Fixed: _____ Value related: _____ Time related: _____	Item	
2	B11.4 Notice before covering work Fixed: _____ Value related: _____ Time related: _____	Item	
3	B11.5 Disturbance Fixed: _____ Value related: _____ Time related: _____	Item	
4	B11.6 Environmental disturbance Fixed: _____ Value related: _____ Time related: _____	Item	
5	B11.7 Works cleaning and clearing Fixed: _____ Value related: _____ Time related: _____	Item	
6	B11.8 Vermin Fixed: _____ Value related: _____ Time related: _____	Item	
7	B11.9 Overhand work Fixed: _____ Value related: _____ Time related: _____	Item	
8	B11.10 Instruction manuals and guarantees Fixed: _____ Value related: _____ Time related: _____	Item	
9	B11.11 As built information Fixed: _____ Value related: _____ Time related: _____	Item	
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1 **B11.12 Tenant installations**
Fixed: _____ Value related: _____ Time related: _____

Item

B12.0 SCHEDULE OF VARIABLES

2 **B12.1 Schedule of variables**
Fixed: _____ Value related: _____ Time related: _____

Item

This **schedule** contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these **Preliminaries**

Spaces requiring information must be filled in, shown as "not applicable" or deleted and 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

12.1 PRE-TENDER INFORMATION

12.1.1 **Provisional bills of quantities**
[2.2] The quantities are provisional

YES

12.1.2 **Availability of construction documentation**
[2.3] *Construction documentation is complete*

YES

12.1.3 **Interests of agents**
[2.4] Details:

12.1.4 **Defined works area**
[3.1] Details:

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- 12.1.5 **Geotechnical investigation**
[3.2] Details:

- 12.1.6 **Existing premises occupied**
[3.4] Specific requirements:

- 12.1.7 **Previous work - dimensional accuracy**
[3.5] Details:

- 12.1.8 **Previous work - defects**
[3.6] Details:

- 12.1.9 **Services - known**
[3.7] Details:

- 12.1.10 **Protection of trees**
[3.9] Specific requirements:

- 12.1.11 **Inspection of adjoining properties**
[3.11] Specific requirements:

- 12.1.12 **Enclosure of the works**
[6.2] Specific requirements:

- 12.1.13 **Offices**
[6.4.3] Specific requirements:
The **contractor** shall provide, maintain and remove on completion of the works an office for the exclusive use of the **principal agent**, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times

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12.1.14 Main notice board

[6.5] Specific requirements:
The **contractor** shall provide, erect where directed, maintain and remove on completion of the **works** a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering

12.1.15 Subcontractors' notice board

[6.6] *A notice board is required*

NO

Specific requirements:

12.1.16 Water

[7.2] Option A (by **contractor**)

NO

Option B (by **employer** - free of charge)

NO

Option C (by **employer** - metered)

YES

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12.1.17 Electricity

[7.3] Option A (by **contractor**)

NO

Option B (by **employer** - free of charge)

NO

Option C (by **employer** - metered)

YES

12.1.18 Telecommunications

[7.4] Telephone

YES

Facsimile

YES

E-mail

YES

12.1.19 Ablution facilities

[7.5] Option A (by **contractor**)

YES

Option B (by **employer**)

NO

12.1.20 Protection of existing/sectionally occupied works

[11.2] Protection is required

NO

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12.1.21 **Special attendance**
[9.2] **Subcontractor (1) details:**

Subcontractor (2) details:

Subcontractor (3) details:

Subcontractor (4) details:

12.1.22 **Protection of the works**
[11.1] Specific requirements:

12.1.23 **Disturbance**
[11.5] Specific requirements:
The **contractor** shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the **works** all necessary temporary dust screens all to the satisfaction of the **principal agent**

12.1.24 **Environmental disturbance**
[11.6] Specific requirements:

12.2 POST-TENDER INFORMATION

12.2.1 **Payment of preliminaries**
[10.2] Option A (prorated)

NO

Option B (calculated)

YES

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12.2.2 **Adjustment of preliminaries**
[10.3] Option A (three categories)

NO

Option B (detailed breakdown)

YES

12.2.3 **Additional agreed preliminaries items**
Details:

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SECTION C: SPECIFIC PRELIMINARIES

Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item

1 C1.0 CONTRACT DRAWINGS

The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself 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 understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

Fixed: _____ Value related: _____
Time related: _____

Item

2 C2.0 GENERAL PREAMBLES

The document "Specification of Materials and Methods to be used - PW371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014)." is obtainable on the Department's website (<http://www.publicworks.gov.za/> under "Consultants Guidelines"), and shall be read in conjunction with the **bills of quantities / lump sum document** and be referred to for the full descriptions of work to be done and materials to be used

Fixed: _____ Value related: _____
Time related: _____

Item

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1 **C3.0 TRADE NAMES**

Wherever a trade name for any product has been described in the **bills of quantities / lump sum document**, the tenderer'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 tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

Fixed: _____ Value related: _____
Time related: _____

Item

2 **C4.0 HIV/AIDS AWARENESS**

It is required of the **contractor** to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities / lump sum document**. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained

The **contractor** must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the **principal agent**, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment

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C4.1 AWARENESS CHAMPION

Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification

Fixed: _____ Value related: _____
Time related: _____

Item

C4.2 AWARENESS WORKSHOPS

Selection and appointment of a competent Service Provider approved by the **principal agent**, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification

Fixed: _____ Value related: _____
Time related: _____

Item

C4.3 POSTERS, BOOKLETS, VIDEOS, ETC.

Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

Fixed: _____ Value related: _____
Time related: _____

Item

C4.4 ACCESS TO CONDOMS

Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

Fixed: _____ Value related: _____
Time related: _____

Item

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C4.5 MONITORING

Monitoring HIV/AIDS awareness of workers, providing the **principal agent** with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the **construction period** and close out, all in accordance with the HIV/AIDS Specification

Fixed: _____ Value related: _____
Time related: _____

Item

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	<p><u>BILL No. 2</u></p> <p><u>HEALTH AND SAFETY REQUIREMENTS</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications.</p> <p>Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications.</p> <p>The items in this Bill do not contain quantities hence the Contractor must insert his own quantities based on his individual requirements to comply with the Health and Safety obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety Specifications.</p> <p><u>OCCUPATIONAL HEALTH AND SAFETY</u></p> <p><u>General:</u></p>			
1	Preparation of Contractor's site specific Health and Safety Plan.	Item		
2	Submission of the Health and Safety File.	Item		
3	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations.	Item		
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1	Principal Contractor's time related obligations in respect of the OHS Act and Construction Regulations for the entire construction period.		Item	
2	Provision of full time Health and Safety Officer for the entire construction period.		Item	
3	Induction training of personnel.	No	12	
4	Provision of first aid boxes.	No	1	
	<u>Provision for Personal Protective Equipment and Protective Clothing:</u>			
5	Reflective vests.	No	12	
6	Hard hats.	No	12	
7	Protective foot wear.	No	12	
8	Ear Plugs.	No	12	
9	Dust Masks.	No	12	
	<u>Costs of Medical Certificates and Medical Surveillance:</u>			
10	Initial (baseline) medical examinations.	No	12	
11	Exit Examinations.	No	12	
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	<u>SECTION No. 2 - BUILDING WORKS</u>			
	<u>BILL No. 1</u>			
	<u>ALTERATIONS, DEMOLITIONS, ETC.</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>REFURBISHMENT, PREPARATORY WORKS, ETC.</u>			
	<u>Refurbishment by cleaning</u>			
	<u>Walls, concrete columns, tiling, etc.</u>			
1	High pressure clean external face brick facade to remove dirt, lichen, moss, etc. complete including recess pointing and jointing in cement mortar, where necessary, to match existing.	m2	427	
	<u>Refurbishment by cleaning</u>			
	<u>Floors, etc.</u>			
2	High pressure clean granolithic screed or concrete flooring.	m2	210	
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Item No		Quantity	Rate	Amount
	<p><u>BILL No. 2</u></p> <p><u>WATERPROOFING</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p> <p><u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC.</u></p> <p><u>Sundry elements</u></p>			
1	<p>Seal with an approved anti-fungicidal white silicone sealant junction between sanitary fitting and worktop and/or wall tiling.</p>	m	49	
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	<p>Section No. 2 Bill No. 2 WATERPROOFING</p> <p>PROVISIONAL BILLS OF QUANTITIES</p>			

Item No		Quantity	Rate	Amount
	<p><u>BILL No. 3</u></p> <p><u>ROOF COVERINGS</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<p>Carried Forward to Summary of Section No. 2</p>		R	
	<p>Section No. 2 Bill No. 3 ROOF COVERINGS, ETC.</p>			
	<p>PROVISIONAL BILLS OF QUANTITIES</p>			

Item No		Quantity	Rate	Amount
	<p><u>BILL No. 4</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
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Item No		Quantity	Rate	Amount
	<u>BILL No. 5</u>			
	<u>IRONMONGERY</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>IRONMONGERY TO STEEL</u>			
	<u>Push plates, kicking plates, indicator plates, etc.</u>			
	<u>3mm Thick x 32mm high blue perspex signs with white painted numerals or letters, countersunk tap screwed to steel door frame</u>			
1	Sign with "MALE ABLUTIONS" enscribed.	No	2	
2	Sign with "FEMALE ABLUTIONS" enscribed.	No	2	
3	Sign with "DISABLE ABLUTIONS" enscribed.	No	2	
4	Sign with "STAFF ABLUTIONS" enscribed.	No	3	
	<u>Locksets, etc. provided with two keys and to be masterkeyed</u>			
5	38mm Heavy duty brass padlock with stainless steel shackle.	No	6	
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	Section No. 2			
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	IRONMONGERY			
	PROVISIONAL BILLS OF QUANTITIES			

Item No		Quantity	Rate	Amount
	<u>BILL No. 6</u>			
	<u>METALWORK</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>STEEL</u>			
	<u>Stairs, balustrading, cat ladders, grilles, gates, framework, etc.</u>			
	<u>DOORS</u>			
	<u>Servicing existing steel doors, etc.</u>			
1	Service and adjust existing steel pivot door and support, size 760 x 1700mm high including oiling and easing hinges, lock, securing pole, touching up and making good.	No	22	
	<u>GATES</u>			
	<u>Hot dipped galvanised mild steel</u>			
2	Single gate, size 900mm wide x 2050mm high, the leaf formed of 25 x 25 x 2mm wall thickness mild steel square tubing framing all round with mitred and welded angles, the gate filled in with 12 x 12mm mild steel bars welded, at each end, perimeter framing at not exceeding 100mm centres, the leaf fitted with lock housing (lock elsewhere measured) formed of 2.5mm thick mild steel flat plate, the leaf fitted with a set of hinges fixed to brickwall with and including masonry anchors.(G1)	No	2	
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	Section No. 2			
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Item No		Quantity	Rate	Amount
	<p><u>BILL No. 7</u></p> <p><u>PLASTERING</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p> <p><u>SCREEDS</u></p> <p><u>PLASTER</u></p> <p><u>One coat internal 1:4 cement plaster on :</u></p>			
1	Walls in patching.	m2	79	
	Carried Forward to Summary of Section No. 2			R
	<p>Section No. 2</p> <p>Bill No. 7</p> <p>PLASTERING</p> <p>PROVISIONAL BILLS OF QUANTITIES</p>			

**IMINGCANGATHELO HIGH SCHOOL
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<u>BILL No. 8</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>PIPEWORK, ETC.</u>			
	<u>Pipes, pipe fittings, etc.</u>			
	<u>WATER SUPPLIES</u>			
	<u>Class 10 polycop pipes with straight compression fittings</u>			
1	15mm Pipe and fixing to walls, floors, in roofs, in concrete, etc. including any necessary proprietary holderbats, fixings, etc.	m	52	
2	22mm Ditto.	m	59	
3	15mm Pipe chased into brickwork.	m	62	
4	22mm Ditto.	m	32	
	<u>Extra over copper pipes for brass compression fittings</u>			
5	15mm Fittings.	No	122	
6	22mm Fittings.	No	86	
	<u>Connections</u>			
	<u>Connection of new to existing pipes</u>			
7	Connection of 32mm diameter HDPE to 22mm diameter polycop pipes including all necessary reducers, saddles, etc.	No	4	
	Carried to Collection			R
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	PROVISIONAL BILLS OF QUANTITIES			

	<u>Testing :</u>						
1	Allow for testing the preceding water supply installation in accordance with the National Building Regulations.		Item				
	<u>SOIL DRAINAGE</u>						
	<u>uPVC Pipes with solvent welded straight joints :</u>						
2	50mm Pipes.	m		62			
3	110mm Pipes.	m		45			
	<u>Extra over uPVC pipes for solvent welded fittings :</u>						
4	50mm Plain bend.	No		34			
5	110mm Plain bend.	No		21			
6	50mm Access bend.	No		17			
7	110mm Access bend.	No		14			
	<u>Gulleys, grease traps, etc.</u>						
8	100mm Diameter uPVC gulley trap with universal gulley head set flush in with finished pavement level including encasing in 15MPa concrete 100mm thick all round.	No		1			
9	430 x 430 x 175mm Precast concrete gulley top, bedded over gulley in cement mortar.	No		1			
	<u>Testing :</u>						
10	Allow for testing the preceding sanitary plumbing installation in accordance with the National Building Regulations.		Item				
	<u>SANITARY FITTINGS, TANKS, GEYSERS, ETC.</u>						
	<u>Sanitary fittings, etc.</u>						
	<u>White glazed vitreous china ware :</u>						
11	9 Litre cistern size 450 x 192 x 343mm high complete with lid and fitments.	No		3			
	Carried to Collection					R	
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**IMINGCANGATHELO HIGH SCHOOL
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1	Rectangular washhand basin, size 560 x 405mm, with one tapholes, one taphole stopper, integrated overflow and chainstay hole, mounted to wall on and including two proprietary semi-concealed cast iron wall brackets with 10mm bolts.	No	12		
2	Close coupled washdown suite with 90 degree outlet open rim pan and matching 9 litre front single flush cistern complete with lid, fitments and flushpipe bedded to floor in 1:4 cement mortar mixture.	No	14		
3	"Vaal 704001" or equally approved wall hung flat back urinal, size overall 610 x 3850mm, complete with chromium plated back inlet spreader and 38mm chromium plated domical grating hung on and including two proprietary hanger brackets .	No	5		
<u>Sanitary fitting sundries</u>					
4	Satin chrome thief proof toilet roll holder, TR2, plugged to wall.	No	24		
5	Heavy-duty double-flap hinged toilet seat and cover.	No	24		
6	150 x 150mm White glazed soap dish.	No	18		
<u>Grade 304 stainless steel ware :</u>					
7	Grab rail 1200mm long with two flanges "SR 1" plugged to wall with and including stainless steel screws.	No	1		
8	Dog leg grab rail with three flanges "DL3" plugged to wall with and including stainless steel screws.	No	1		
<u>Taps, valves, etc.</u>					
<u>Solid cast brass taps, valves, etc.</u>					
9	15mm Brass ball-o-stop.	No	31		
10	15mm Chromium plated brass metered bib tap with non-hold open feature and flow control.	No	12		
11	"Flushmaster Junior FJ 6.000" or other equal approved 22mm chromium plated exposed type urinal flushvalve with "FJT 5.5" chromium plated flushpipe, integral non hold-open feature and ball-o-flo valve, with wall plate.	No	5		
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Waste unions, traps, etc.

Outlets, traps, etc :

1	38mm Chromium plated brass slotted sink waste outlet with plug, chain and chain stay.	No	15
2	38mm Chromium plated urinal waste outlet.	No	5
3	38mm Butyl rubber flexible deepseal sink P-trap.	No	15
4	50mm Chromium plated brass basin bottle trap.	No	5

Carried to Collection

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PLUMBING AND DRAINAGE

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**IMINGCANGATHELO HIGH SCHOOL
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Item No		Quantity	Rate	Amount
	<p><u>BILL No. 9</u></p> <p><u>GLAZING</u></p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p> <p><u>GLAZING</u></p> <p><u>Glass tops, shelves, doors, mirrors, etc.</u></p>			
1	4mm Thick polished float glass mirror, size 450 x 600mm, four times plugged to wall with and including chromium plated dome headed screws.	No	18	
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	Section No. 2 Bill No. 9 GLAZING			
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Item No		Quantity	Rate	Amount
	<u>BILL No. 10</u>			
	<u>PAINTWORK</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>REDECORATION OF EXISTING</u>			
	<u>PREVIOUSLY PAINTED CONCRETE, PLASTER, ETC</u>			
	<u>Scrape down loose or peeling paint, clean off surface contaminants with a sugar soap solution, allow to dry, stop all holes, minor cracks, etc. and apply one coat plaster primer and two coats interior washable acrylic washable emulsion sheen paint on:</u>			
1	Internal plastered walls.	m2	396	
	<u>Prepare and apply two coats granolithic paint on :</u>			
2	Existing internal concrete floors.	m2	210	
3	Existing skirtings in narrow widths not exceeding 300mm high.	m	200	
	<u>PREVIOUSLY PAINTED FIBRE CEMENT</u>			
	<u>Scrape down loose or peeling paint, clean off surface contaminants with a sugar soap solution, allow to dry and apply one coat primer and two coats professional exterior super matt paint on:</u>			
4	External fibre cement fascia boarding including priming cover strips.	m2	8	
5	External fibre cement bargeboard including priming cover strips.	m2	8	
	<u>PREVIOUSLY PAINTED METALWORK</u>			
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Scrape down loose or peeling paint, remove all traces of rust, clean off surface contaminants with a sugar soap solution, allow to dry and apply galvanised iron primer (where necessary) and two coats super universal enamel paint on:

1	Steel doors.	m2	57
2	Steel security gates (both sides measured).	m2	17
3	IBR corrugated steel roof sheeting.	m2	245

PREVIOUSLY UNPAINTED CERAMIC, PLASTIC OR STAINLESS STEEL

Thoroughly wash down with approved disinfectant solution and leave clean :

4	Toilet pan and cisterns.	No	10
5	Basins.	No	6

NEW WORKS

PAINT ON TIMBER

Sand down painted surface to bare timber and apply one coat exterior primer, one coat undercoat and two coats flat enamel paint on:

6	General surfaces of timber rafters, beams, etc.	m2	61
7	General surfaces of roof timbers not exceeding 300mm girth.	m	168
<u>Prepare and apply two coats carbolineum on:</u>			
8	Timber beams.	m2	8
9	General surfaces of roof timbers.	m2	135
10	General surfaces of roof timbers not exceeding 300mm girth.	m	146

PAINT ON METALWORK

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1	<p><u>One coat steel etch primer, one coat universal undercoat and two coats gloss enamel paint on :</u></p> <p>Steel security gates (both sides measured).</p>	m2	8	
	<p><u>PAINT ON FIBRE-CEMENT</u></p> <p><u>Prime nail heads and H-section jointing strips and apply one coat universal undercoat and two coats eggshell enamel paint on :</u></p> <p><u>Prepare and apply one coat plaster primer and two coats quality matt acrylic PVA on :</u></p>			
2	External fibre cement fascia boarding including priming cover strips.	m2	6	
3	External fibre cement bargeboard including priming cover strips.	m2	9	
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**IMINGCANGATHELO HIGH SCHOOL
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

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PAINTWORK

PROVISIONAL BILLS OF QUANTITIES

Item No		Quantity	Rate	Amount
	<u>BILL No. 14</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>Note:</u> For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>TEMPORARY BARRIERS, SCREENS, ECT.</u>			
	<u>TEMPORARY HOARDING</u>			
	Note: Contractor to price for the taking down and carting away hoarding on completion.			
	<u>Site clearance</u>			
1	Allow for clearing site for the width of 1000mm where fencing runs are to be erected including removing trees, shrubs, etc., not exceeding 200mm girth, grubbing up roots and roughly levelling.	m	100	
2	External barricade screen, 1800mm high overall, comprising 100-125mm diameter tanalith treated gumpoles planted 650mm deep in ground at 3000mm centres comprising of six strands of 4mm galvanised straining wires (evenly spaced) secured to posts with doubled 2mm galvanised wire inserted through hole in post and turned a minimum of four turns around straining wire and yellow and orange barrier shade cloth fixed to straining wires with 20Mpa mass concrete base size 400 x 400 x 550mm thick with sloping top surface including all necessary excavations, backfilling, risk of collapse and carting away surplus material, etc.	m	100	
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	PROVISIONAL BILLS OF QUANTITIES			

	<u>Hot dipped galvanised steel gates</u>			
1	Security fence double gate, size 3000mm wide x 1800mm high, formed of 80 x 40 x 4mm wall thickness rectangular section framing all round with mitred and welded angles and diagonal cross brace, the gate covered with mesh security fencing secured with "Howgring" clips applied with "Howgring" pliers at 300mm centres to and including six rows of straining wires and yellow/orange barrier shade cloth.	No	1	
	<u>THE FOLLOWING IN WALKWAYS</u>			
	<u>EARTHWORKS</u>			
	<u>BASECOURSES</u>			
2	G7 Base course material, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 98% modified AASHTO density under pavings.	m3	19	
	<u>Sundries</u>			
3	Rip reduced platform level and recompact to 93% Mod. A.A.S.H.T.O. density.	m2	125	
	<u>Prescribed Testing</u>			
4	Provide and have filling compaction check tested by a Consulting Engineer's Laboratory and deliver the results to the Architect within 24 hours of the tests being completed.	No	6	
	<u>Weedkillers, insecticides, etc.</u>			
	<u>Soil insecticide in accordance with SANS 5859</u>			
5	Under paving, etc.	m2	125	
	<u>PRECAST CONCRETE PAVERS</u>			
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**IMINGCANGATHELO HIGH SCHOOL
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1	<p><u>Grey interlocking precast concrete pavers type S-A laid in herringbone pattern with header course perimeter margin</u></p> <p>50mm Thick laid on and including 25mm sand bed treated with weed killer and cement/sand mixture swept into joints on completion.</p> <p><u>Channelling, kerbing, edging, etc.</u></p> <p><u>Precast concrete kerbing</u></p>	m2	125		
2	<p>Precast semi-mountable concrete Fig 8B edge kerb size 300 x 175mm high cast in lengths not exceeding 1m and with expansion joints at not exceeding 10m centres finished smooth off the mould on all exposed surfaces bedded on and including minimum 50mm thick mass concrete 15 MPa base and backing including all necessary excavation, formwork, expansion joints, etc.</p>	m	44		
3	<p>Ditto, but circular on plan to not exceeding 4m radius.</p>	m	21		
<u>THE FOLLOWING IN WATER SUPPLY</u>					
<u>ALTERATIONS TO EXISTING</u>					
4	<p>Locate, cut into and temporarily stop off 40mm diameter water pipe for insertion of stop end (elsewhere).</p>	No	2		
<u>PIPEWORK, ETC.</u>					
<u>Pipes, pipe fittings, etc.</u>					
<u>Class 12 uPVC water supply pipe with bedding and filling in accordance with SABS 1200</u>					
5	<p>32mm Pipe and laying in ground not exceeding 1000mm deep.</p>	m	120		
6	<p>40mm Pipe and laying in ground not exceeding 1000mm deep.</p>	m	80		
<u>Extra over uPVC pipes for the following fittings</u>					
7	<p>32mm bend.</p>	No	16		
8	<p>40mm bend.</p>	No	8		
Carried to Collection					
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**IMINGCANGATHELO HIGH SCHOOL
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1	32mm Tee junction.	No	6
2	40mm Tee junction.	No	4
3	32 x 40 x 32mm Reducing tee.	No	2
4	32 x 54 x 32mm Reducing tee.	No	2
5	40 x 63 x 40mm Reducing tee.	No	2

Water supply valve or meter chambers

6	Excavate for and build valve chamber size 460 x 460 x not exceeding 1000mm deep internally, formed of 300mm thick layer of well backfilling , 200mm high half brick corbelled sides with 75mm brickforce between each course including Type 3A cast iron valve cover and frame size 100 x 230 x 300 encased in a 300mm thick 25mpa mass concrete base.	No	5
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Taps, valves, etc.

7	32mm Gate valve.	No	6
8	32mm Non return valve.	No	1

Testing

9	Allow for testing the water supply installation in accordance with the National Building Regulations.		Item
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THE FOLLOWING IN SOIL DRAINAGE

Pipe depth categories and manholes, catchpits, etc. have been measured to the designed invert levels of same. The Contractor is to allow for in his rates for any additional excavation, bedding, backfilling, making up levels, etc. he deems necessary to make up any difference to actual depth.

EXISTING SERVICES

Jet or high pressure cleaning to be carried out on subsurface piping, rodding eyes, manholes, etc. to be carried out to the complete satisfaction of the Engineer.

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**IMINGCANGATHELO HIGH SCHOOL
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	<u>Pipes</u>				
1	110mm Pipe fixed to walls.	m	13		
2	110mm Pipe not exceeding 1000mm deep.	m	125		
3	110mm Pipe exceeding 1000mm not exceeding 2000mm deep.	m	50		
	<u>Rodding eyes</u>				
4	110mm Diameter PVC rodding eye.	No	25		
	<u>Brick manholes</u>				
5	Manhole not exceeding 1000mm deep.	No	6		
6	Manhole exceeding 1000mm not exceeding 2000mm deep.	No	3		
	<u>ALTERATIONS TO EXISTING</u>				
7	Cut into and stop off temporarily 110mm soil pipe for new manhole construction (elsewhere).	No	1		
8	Cut into and stop off temporarily 110mm soil pipe for insertion of Tee junction (elsewhere).	No	1		
	<u>NEW WORKS</u>				
	<u>Class 34 Rigid uPVC socketed soil piping with bedding and filling in accordance with SABS 1200</u>				
9	110mm Pipe and excavation not exceeding 1000mm deep.	m	50		
10	110mm Pipe and excavation exceeding 1000mm not exceeding 2000mm deep.	m	13		
	<u>Extra over uPVC pipes for fittings</u>				
11	110mm 90 Degree bend.	No	16		
12	110mm Junction.	No	3		
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**IMINGCANGATHELO HIGH SCHOOL
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	<u>Rodding eyes, etc.</u>				
1	PVC Rodding eye and frame and joint to top of 110mm uPVC pipe.	No	3		
	<u>Sundries</u>				
2	300 x 300 x 75mm Precast concrete inspection eye marker slab set in position including excavations, carting away, ect.	No	5		
	<u>MANHOLES, ETC.</u>				
	<u>Cast iron covers and frames</u>				
3	Type 2A cast iron manhole cover and frame size 620mm diameter bedded on top of concrete slab in cement mortar.	No	4		
	<u>Testing</u>				
4	Allow for testing the soil drainage and sewer plumbing installation in accordance with the National Building Regulations.			Item	
	<u>SECURITY FENCING</u>				
	<u>Accessories</u>				
5	"Union 3122" or other approved 51mm brass padlock with stainless steel shackle.	No	1		
	<u>THE FOLLOWING IN GROUND STORAGE TANKS (ALL TRADES)</u>				
	<u>PLUMBING AND DRAINAGE</u>				
	<u>ALTERATIONS TO EXISTING</u>				
6	Locate, cut into and temporarily stop off 63mm diameter water pipe for insertion of reducing fitting (elsewhere).	No	2		
	<u>Pipes, pipe fittings, etc.</u>				
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Class 12 uPVC water supply pipe with bedding and filling in accordance with SABS 1200

1	40mm Pipe.	m	90		
2	40mm Pipe and laying in ground not exceeding 1000mm deep.	m	10		
	<u>Extra over uPVC pipes for the following fittings</u>				
3	40mm Bend.	No	27		
4	40mm Tee junction.	No	2		
5	63 x 40mm Straight reducer	No	2		
	<u>Taps, valves, etc.</u>				
6	40mm float valve kit fitted inside of tank.	No	3		
7	40mm In-line strainer.	No	2		
8	40mm Brass gate valve.	No	3		
9	40mm Brass non return valve.	No	1		
10	40mm Flanged resilient seal gate valve with cap top.	No	2		
11	40mm Flanged pressure reducing valve.	No	1		
	<u>Switch</u>				
12	Float switch fitted inside of tank.	No	2		
	<u>Connections</u>				
	<u>Connection of new to existing pipes</u>				
13	Connection of 40mm diameter HDPE to 40mm diameter galvanised pipes including all necessary reducers, saddles, etc.	No	2		
14	Connection of 40mm diameter HDPE to 0.75kw water pump including all necessary reducers, saddles, etc.	No	2		

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1	<p>Connection of 63mm diameter HDPE to 40mm diameter galvanised pipes including all necessary reducers, saddles, etc.</p> <p><u>Ties, cramps, etc.</u></p>	No	1		
2	<p>38 x 1,6mm Galvanised hoop iron strap around tank, both ends fitted with once holed 30 x 30 x 3mm thick galvanised flat plate and bolted together with and including M10 bolt and nut.</p>	No	3		
3	<p>38 x 1,6mm Galvanised hoop iron tie down, 2500mm long, one end wrapped around tank strap and twice bolted, the other end folded over and bolted to top of concrete with and including 8 x 60mm masonry anchor.</p> <p><u>Water supply valve or meter chambers</u></p>	No	12		
4	<p>Excavate for and build valve chamber size 565 x 665 x 550mm deep overall formed of precast concrete valve chamber units 1, 2, 3 and 4 with valve box lid-V and 19mm thick layer of 19mm stone in bottom including filling in and ramming.</p> <p><u>Pump and Pumphouse</u></p>	No	4		
5	<p>Allow the Budgetary Allowance of R 15 000,00 (Fifteen Thousand Rand) for the installation of a 0.75kw water pump including housing, etc.</p> <p><u>ELECTRICAL CONNECTION</u></p> <p><u>Elevated Tank Electrical Works</u></p>			Item	15,000.00
6	<p>Allow the Budgetary Allowance of R 30 000,00 (Thirty Thousand Rand) for the electrical supply to the water pumps, float switches, ect.</p>			Item	30,000.00
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Item No		Quantity	Rate	Amount
	<u>BILL No. 15</u>			
	<u>CONSERVANCY TANK</u>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<u>Excavation in earth not exceeding 2m deep:</u>			
1	Reduced levels	m3	66	
	<u>Excavation in earth exceeding 2m deep:</u>			
2	Reservoir pit.	m3	10	
	<u>Back excavation of vertical sides of excavation in earth for working space including G7 backfilling compacted to 95% Mod AASHTO density</u>			
3	Exceeding 1,5m and not exceeding 3m deep for building concrete walls in reservoir pit, etc. 500mm away from excavated face	m2	18	
	<u>Extra over trench and hole excavations in earth for excavation in:</u>			
4	Soft rock.	m3	23	
5	Hard rock.	m3	105	
	<u>Extra over all excavations for carting away:</u>			
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	144	
	<u>Risk of collapse of excavations:</u>			
7	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	55	
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	CONSERVANCY TANK			
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**IMINGCANGATHELO HIGH SCHOOL
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1	Sides of trench and hole excavations exceeding 1,5m deep.	m2	27	
	<u>Keeping excavations free of water:</u>			
2	Keeping excavations free from mud and all water including subterranean sources.		Item	
	<u>Foundation courses</u>			
3	Imported G7 filling, selected and supplied by the Contractor, including depositing in layers not exceeding 150mm thick and compacting to 98% modified AASHTO dry density under solid floors.	m3	60	
	<u>Compaction of surfaces</u>			
4	Scarify in-situ material to a depth of 150mm and compact to 93% Mod AASHTO density.	m2	107	
	<u>Weedkillers, insecticides, etc.</u>			
	<u>Soil insecticide in accordance with SANS 5859</u>			
5	Under floors, etc. including forming and poisoning shallow furrows against all foundation walls, filling in furrows and ramming.	m2	66	
6	To bottoms and sides of trenches and pit excavations.	m2	82	
	<u>Tests</u>			
7	Allow for Mod AASHTO density tests on filling.	No	5	
	<u>EARTH FILLING, ETC.</u>			
	<u>G5 earth filling supplied by the contractor compacted to 95% Mod AASHTO density:</u>			
8	Backfilling to trenches, holes, etc.	m3	16	
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<u>Compaction of surfaces:</u>					
1	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density.	m2	40		
<u>Prescribed density tests on filling:</u>					
2	Allow for compaction tests by an approved laboratory to determine density of filling material.	No	4		
<u>UNREINFORCED CONCRETE</u>					
<u>15MPa/19mm concrete:</u>					
3	Surface blinding under surface beds	m3	3		
<u>REINFORCED CONCRETE</u>					
<u>Concrete mix for general concrete works, composed of 1 part cement ; 3 parts sand and 3 parts 19mm stone producing a strength of 20-29MPa using 60L water per 2 bags cement. Cement is to be manufactured in accordance with SANS 50197-1.</u>					
<u>30 MPa/19mm concrete:</u>					
4	Surface beds on waterproofing.	m3	34		
5	Filling to cavities of hollow walls	m3	10		
6	Slabs, including beams and inverted beams.	m3	18		
<u>CONCRETE TESTS</u>					
<u>Test blocks:</u>					
7	Making and testing 150 x 150 x 150 mm concrete strength test cube (Provisional)	No	8		
<u>CONCRETE SUNDRIES</u>					
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Finishing top surfaces of concrete smooth with a wood float:

1	Surface beds, slabs, etc to falls	m2	66	
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SMOOTH FORMWORK (DEGREE OF ACCURACY II) (CPAP Work Group No 111)

Smooth Formwork to Sides:

2	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	36	
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Smooth Formwork to Soffits:

3	Slabs with soffits propped up not exceeding 1.5m high	m2	66	
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Smooth formwork to form:

4	Opening exceeding 1m and not exceeding 2m girth through slab not exceeding 300mm thick	No	1	
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5	110mm Diameter opening through 300mm wall or beam	No	1	
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Openings

6	Leave or form 835mm diameter circular opening through 370mm thick slab.	No	4	
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REINFORCEMENT (PROVISIONAL)

High tensile steel reinforcement to structural concrete work:

7	8mm Diameter bars.	kg	7	
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8	10mm Diameter bars.	kg	50	
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9	12mm Diameter bars.	kg	1,631	
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10	16mm Diameter bars.	kg	2,173	
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High tensile welded steel mesh reinforcement :

11	Ref: 395 cast into concrete surfaces.	m2	99	
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1	Ref: 617 cast into concrete surfaces.	m2	33	
	<u>BRICKWORK IN FOUNDATIONS (PROVISIONAL)</u>			
	<u>FOUNDATION BRICKWORK (PROVISIONAL)</u>			
	<u>Walls and linings in loadbearing brickwork (14MPa) in stock bricks in 5:1 cement mortar including "Coprox" or equally approved cement waterproof additive mixed into mortar at 2.5kgs/50kg cement :</u>			
2	One brick wall.	m2	150	
3	345mm Thick cavity wall comprising two 110mm brick skins tied together with and including galvanised butterfly wire ties at the minimum rate of 9/m2.	m2	82	
	<u>Reinforcement to brickwork</u>			
4	Galvanised brick reinforcement 110mm wide built horizontally into brickwork.	m	747	
	<u>FACE BRICKWORK</u>			
	<u>"Rustgold FBS / Qunu Travertine " or other equal approved FBX quality face bricks including jointing and square recess pointing 6 x 10mm joints</u>			
5	Extra over ordinary brickwork for facing and pointing in stretcher bond.	m2	101	
	<u>BRICKWORK SUNDRIES</u>			
	<u>Brickwork reinforcement:</u>			
6	75mm Wide reinforcement built in horizontally.	m	19.60	
	<u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC.</u>			
	<u>Prepare surface and apply two coats "Duraslurry" or equally approved masonry waterproofing on:</u>			
7	External plastered walls	m2	105	
	<u>INTERNAL PLASTER</u>			
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<p><u>Plaster in accordance with SANS 50197-1:2002 Cement Part 1: Composition, specification and conformity criteria for common cements, in plaster with smooth finish to be mixed to the ratio of 1 part cement: 3 parts sand, (sand to conform to SANS 1083:2006) to interior dry brickwork.</u></p>					
1	Render in 3:1 cement plaster with Coprox water proofing compound added on to vertical surfaces	m2	93		
<p><u>Inspection chambers, catch pits, etc.</u></p>					
<p><u>Light Composite covers and frames</u></p>					
2	600mm diameter type M4A lockable medium duty manhole cover and frame fixed into concrete,	No	2		
<p><u>SOIL DRAINAGE</u></p>					
<p><u>Extra over uPVC pipes for fittings:</u></p>					
3	Extra for 110mm 90 degree bend	No	4		
4	Extra for 110mm junction	No	3		
<p><u>SOAK AWAY</u></p>					
5	Excavate for trenches	m3	7		
6	Bidum to bottoms and sides of soakaway	m2	63		
7	19mm Stone filling on soakaway	m3	7		
8	50mm Course sand layer	m2	63		
9	110mm Upvc pipes	m	10		
10	110mm Slotted agricultural drainage pipe	m	10		
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<u>SECTION NO.3 - PROVISIONAL SUMS , BUDGETARY ALLOWANCES, ECT.</u>			
<u>BILL NO.1</u>			
<u>PROVISIONAL SUMS, BUDGETARY ALLOWANCES, ETC.</u>			
<u>Note:</u>			
For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
<u>PROVISIONAL SUM</u>			
<u>ELECTRICAL INSTALLATION</u>			
1			
	Item		60,000.00
2	Item		
3	Item		
<u>COMMUNITY LIAISON OFFICER (CLO)</u>			
4			
	Item		39,000.00
5	Item		
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PROVISIONAL BILLS OF QUANTITIES			

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	Sub - Total		R
	<u>CREDIT FOR MATERIALS ON SITE</u>		
	Credit for Materials on site as per the attached list	Item	
	Sub-Total		R
	<u>CONTINGENCY PROVISIONS</u>		
	Allow the Budgetary Provision of R 100 000.00 (One Hundred Thousand Rand) for construction contingencies of a general nature and for the finalisation of design detailing. This sum, or any portion thereof, shall be expended at the sole discretion of the Principal Agent. Any residual balance remaining subsequent to such expenditure shall be deducted in its entirety from the Contract Sum.	Item	100,000.00
	Sub - Total		R
	Add Value - Added Tax at the rate applicable as at Tender closing date.		R
	Sub - Total		R
	TOTAL INCLUDING VAT		R
	PROVISIONAL BILLS OF QUANTITIES		