

[illegible]

DEFINITIONS

1 A1 DEFINITIONS AND INTERPRETATION

Clause 1.0

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

"COMMENCEMENT DATE" means the date that the **agreement**, made in terms of the Form of Offer and Acceptance, comes into effect

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 date of acceptance of tender as stated in the **agreement** 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:

"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 to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition

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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:

"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: _____

OBJECTIVE AND PREPARATION

2 A2 OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

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3	<p>A4 DESIGN RESPONSIBILITY</p> <p>Clause 4.0</p> <p>Clause 4.3 is amended by replacing it with the following:</p> <p>No clause</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
4	<p>A5 EMPLOYER'S AGENTS</p> <p>Clause 5.0</p> <p>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
5	<p>A6 SITE REPRESENTATIVE</p> <p>Clause 6.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
6	<p>A7 COMPLIANCE WITH REGULATIONS</p> <p>Clause 7.0</p> <p>Note: A sepearte clause has been included in Section C: Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the oppurtunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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7	<p>A8 WORKS RISK</p> <p>Clause 8.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
8	<p>A9 INDEMNITIES</p> <p>Clause 9.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
9	<p>A10 WORKS INSURANCES</p> <p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p> <p>(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</p> <p>(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</p> <p>(c) The employer shall carry the risk of damage to or destruction of the works and material paid for by the employer that is the result of the excepted risks as set out in 10.6</p>			
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- (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

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 neglect 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 neglect 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 and will remain adequately insured or insured 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

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	<p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>			
10	<p>A11 LIABILITY INSURANCES</p> <p>Clause 11.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
11	<p>A12 EFFECTING INSURANCES</p> <p>Clause 12.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
12	A13.0 <i>No clause</i>	N/A		
13	<p>A14 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 In respect of contracts with a contract sum up to R1 million, the security to be submitted by the contractor to the employer will be as a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT)</p>			
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- 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 **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**

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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			
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			
14.4	Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:			
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			
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			
14.4.3	The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring			
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			
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<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>			
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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)			
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			
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:			
14.7.1	The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> 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			
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	<u>EXECUTION</u>			
14	<p>A15 PREPARATION FOR AND EXECUTION OF THE WORKS</p> <p>Clause 15.0</p> <p>Clause 15.1.1 is amended by replacing it with:</p> <p>No Clause</p> <p>Clause 15.1 is amended by the addition of the following clause:</p> <p>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 twenty-one (21) calendar days of commencement date</p> <p>Clause 15.2.1 is amended by replacing it with the following clause:</p> <p style="padding-left: 40px;">Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>			
15	<p>A16 ACCESS TO THE WORKS</p> <p>Clause 16.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
16	<p>A17 CONTRACT INSTRUCTIONS</p> <p>Clause 17.0</p> <p>Clause 17.1.1 is amended by replacing "and the appointment of nominated and selected sub-contractors" with "and the appointment of selected sub-contractors"</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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17 **A18 SETTING OUT OF THE WORKS**

Clause 18.0

Fixed: _____ Value related: _____ Time
related: _____

Item

18 **A19 ASSIGNMENT**

Clause 19.0

Fixed: _____ Value related: _____ Time
related: _____

Item

19 **A20 NOMINATED SUB-CONTRACTORS**

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

20 **A21 SELECTED SUB-CONTRACTORS**

Clause 21.0

Note: See item B9.1 hereinafter for adjustment
of attendance on **selected sub-contractors**
executing work allowed for under provisional
sums

Fixed: _____ Value related: _____ Time
related: _____

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21 **A22 EMPLOYER'S DIRECT CONTRACTORS**

Clause 22.0

Fixed: _____ Value related: _____ Time
related: _____

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22	<p>A23 CONTRACTOR'S DOMESTIC SUBCONTRACTORS</p> <p>Clause 23.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><u>COMPLETION</u></p>	Item		
23	<p>A24 PRACTICAL COMPLETION</p> <p>Clause 24.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
24	<p>A25 WORK'S COMPLETION</p> <p>Clause 25.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
25	<p>A26 FINAL COMPLETION</p> <p>Clause 26.0</p> <p>Clause 26.1.2 is amended by inserting "#" next to 26.1.2</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
26	<p>A27 LATENT DEFECTS LIABILITY PERIOD</p> <p>Clause 27.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
27	<p>A28 SECTIONAL COMPLETION</p> <p>Clause 28.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
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28	<p>A29 REVISION OF DATE FOR PRACTICAL COMPLETION</p> <p>Clause 29.0</p> <p>Clause 29.2.5 is amended by replacing it with:</p> <p>No clause</p> <p>Clause 29.5 is amended by replacing "sixty (60)" with "twenty (20)"</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>				
29	<p>A30 PENALTY FOR NON-COMPLETION</p> <p>Clause 30.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><u>PAYMENT</u></p>	Item			
30	<p>A31 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"</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; 14.5 or 14.6, 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 per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p>	Item			
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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

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**

Alternative B

31.8(B) Where **security** is a payment reduction in terms 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:

31.8(B).1 Ninety per cent (90%) of such value in interim **payment certificates** issued up to the date of **practical completion**

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**

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

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**

Clause 31.12 is amended by deleting the following:

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

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31 **A32 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**"

Fixed: _____ Value related: _____ Time related: _____

Item

32 **A33 RECOVERY OF EXPENSE AND LOSS**

Fixed: _____ Value related: _____ Time related: _____

Item

33 **A34 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 34.8 is amended by deleting the words "where **security** as a fixed **construction guarantee** in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1"

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"

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34	<p>A35 PAYMENT TO OTHER PARTIES</p> <p>Clause 35.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><u>CANCELLATION</u></p>	Item		
35	<p>A36 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT</p> <p>Clause 36.0</p> <p>Clause 36.1 is amended by the addition of the following clauses:</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 judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p>Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer"</p> <p>Clause 36.0 is amended by the addition of the following clause:</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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36 **A37 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:

37.5 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

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37 **A38 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:

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: _____

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38	<p>A39 CESSATON - CANCELLATION OF THE WORKS</p> <p>Clause 39.0</p> <p>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 report"</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
39	<p>A40 DISPUTE SETTLEMENT</p> <p>Clause 40.0</p> <p>Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"</p> <p>Clause 40.6 is amended by removing the reference to:</p> <p>No clause</p> <p>Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><u>SUBSTITUTE PROVISIONS</u></p>	Item		
40	<p>A41 STATE CLAUSES</p> <p>Clause 41.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><u>CONTRACT VARIABLES</u></p>	Item		
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THE SCHEDULE

41 **A42 PRE-TENDER INFORMATION**

Clause 42.0

Tenderers are referred to the "Contract Variables" as scheduled hereunder for variables pertaining to this contract

Fixed: _____ Value related: _____ Time related: _____

Item

CONTRACT VARIABLES

THE SCHEDULE

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 the **agreement**

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

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42.0 PRE-TENDER INFORMATION

42.1 CONTRACTING AND OTHER PARTIES

42.1.1 Employer

Independent Development Trust (IDT)

Tel: 013 756 5536

Contact person: Head of Department or his nominee

[1.2] Physical address:

30 Brown Street
Mbombela
1200

42.1.3 Agent (1): SRSQS Quantity Surveyors (Pty) Ltd

P O Box 789, Thornhill Plaza 0882

Tel 082 702 3540

Fax (086) 560 4404

Email: sandro@srsqs.co.za

Agent's service: Principal Agent & QS

42.2 CONTRACT DETAILS

42.2.1 Works description:

Maintenance of existing classrooms, administration blocks etc.

42.2.1 Site description:

Lusushwana Secondary School

42.2.3 Work or installations by direct contractors:

Details: None

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42.2.4	Specific options that are applicable to a State organ only				
[41.0]	Where so:				
[1.1#]	(1) Interest rate legislation:				
[31.11.2#] [31.12.2#]	In respect of interest owed by the employer , the interest rate applicable will be 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 In respect of interest owed to the employer , the interest rate applicable will be 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				
[11.2#]	(2) Lateral support insurance to be effected by the contractor:				
					NO
[31.4.2#]	(3) Payment will be made for materials and goods:				
					YES
[40.2.2#]	(4) Dispute resolution by litigation:				
					YES
[26.1.2#]	(5) Extended defects liability period applicable to the following elements:				
	N/A				
42.2.5 [15.2.1#]	Possession of the site is to be given on: Within Five (5) working days of the contractor complying with the terms of 15.1.4				
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42.2.6	Period for the commencement of the works after the contractor takes possession of the site:				
[15.3]	Immediately after contract has been signed				
42.2.7	The date for practical completion and the penalty per calendar day for the works as a whole:				
[24.3.1]	The date for practical completion shall be 5 months from the commencement date				
[30.1]	The penalty per calendar day shall be 6.25c per R100				
42.2.8	The date for practical completion and the penalty per calendar day for the works in sections :				
[24.3.1]	Section 1:				
[28.1]	<i>Details</i>				
42.2.9	The law applicable to this agreement shall be that of:				
[1.2]	Republic of South Africa				
42.3	INSURANCES				
42.3.1	Contract works insurance:				
[10.1#, 10.2#, 12.1#]	To be effected by: Contractor For the sum of: Minimum value of the contract sum plus 10%				
	With the deductible of: Not exceeding 5% of each and every claim				
42.3.2	Supplementary insurance is required: NO				
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42.3.3 [11.1#, 12.1#]	Public liability insurance: To be effected by: Contractor For the sum of: R 5 000 000-00 With the deductible of: Not exceeding 5% of each and every claim				
42.3.4 employer: [11.2#, 12.1#]	Support insurance to be effected by the NO				
42.4	DOCUMENTS				
42.4.1 [3.3#, 15.1.3, 31.16.2#]	Waivers of contractor's lien or right of continuing possession is required: Not applicable (No clause)				
42.4.2 [3.7#]	Construction document copies to be supplied to the contractor free of charge: Three (3) copies of the construction documents				
42.4.3	Bills of quantities/Lump sum document schedule of drawn up with: Standard System of Measuring Building Work (Seventh edition)				
42.4.4 [15.1.1]	On acceptance of the tender the bills of quantities is to be submitted: Not applicable (No clause)				
42.4.5 [3.4]	JBCC Engineering General Conditions are to be included in the contract documents : NO				
42.4.6	The contract value is to be adjusted				
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	using CPAP indices:			
[31.5.3]		No		
[32.13]	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:			
1)	Glass, etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that workgroup unless specifically stated otherwise in the bills of quantities			
2)	All electrical installations in buildings and power ditribution systems shall be adjusted in terms of the index Workgroup 160, Electrical Installations. Uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems, shall be adjusted in terms of the Workgroup 170, Mechanical Services			
3)	With reference to Workgroup 190 a proportion of the value ralated preliminaries, pro-rata to the amount of work excluded from the 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			
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	Alternative Indices:	Not applicable			
42.4.7	Details of changes made to the provision of JBCC standard documentation:				
[3.10] Note:	<i>The amended clauses, with relevant item and page numbers, are scheduled hereunder. Refer to each applicable clause for the exact extent of amendments and/or additions made</i>				
	Clause:	Item:	Page:		
	1.1	1	1		
	1.6	1	2		
	1.6.4	1	3		
	3.2.1	3	3		
	3.7	3	3		
	3.10	3	3		
	4.3	4	3		
	5.1.2	5	3		
	10.5	10	4		
	10.6	10	5		
	10.7	10	6		
	14.1 to 14.9	14	7 to 10		
	15.1	15	10		
	15.1.1	15	10		
	15.1.2	15	10		
	15.2.1	15	10		
	17.1.11	17	11		
	20.1.3	20	11		
	26.1.2	26	12		
	29.2.5	29	12		
	31.5.2	31	13		
	31.8	31	13		
	31.12	31	14		
	32.5.1	32	14		
	32.5.4	32	14		
	32.5.7	32	14		
	34.1	34	14		
	34.2	34	14		
	34.8	34	14		
	34.13	34	14		
	36	36	15		
	36.1	36	15		
	36.3	36	15		
	37	37	15		
	37.3.5	37	15		
	38	38	16		
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38.5.4	38	16
39.3.5	39	16
40.2.2	40	17
40.6	40	17
40.7.1	40	17

42.0 POST-TENDER INFORMATION

Note: All information for this section requires consultations with the **contractor**.
The **principal agent** shall not pre-select any of the alternatives available to the **contractor**

42.5 CONTRACT DETAILS

42.5.1 Contractor:

Postal address:
.....

Tel:
.....

Fax:
.....

Tax/VAT Registration number:
.....

Physical address:
.....
.....
.....

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42.5.7 *The security to be provided by the contractor:*
[14]

(a) in respect of contracts up to R1 million, the contractor will
 provide security in terms of 14.1

(b) in respect of contracts above R1 million, the contractor will
 provide as security, one of the following:

(1) cash deposit of 10% of the contract sum (excluding VAT)

YES/NO

(2) variable construction guarantee of 10% of the contract sum (excluding VAT)

YES/NO

(3) payment reduction of 10% of the value certified in the payment certificate (excluding VAT)

YES/NO

(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

YES/NO

(5) fixed construction guarantee of 5% of the contract sum (excluding VAT) and a payment reduction/retention of 5% of the value certified in the payment certificate

YES/NO

Guarantee submitted must be issued by either an insurance company duly registered in terms of the Short Term Insurance Act, 1998 (Act No 35 of 1998) or by a bank duly registered in terms of the Bank Act, 1990 (Act No 94 of 1990), all in accordance with the pro-forma documents to be provided. No alterations or amendments of the wording of the pro-forma will be accepted

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42.5.8 The annual holiday period after the commencement date of the **construction period**:

[29.7.2]

From:

..... to

42.6 DOCUMENTS

42.6.1 Contract documents marked and annexed hereto:

- Priced **bills of quantities:** YES/NO

Document marked as:

.....

- **Lump sum document:** YES/NO

Document marked as:

.....

- **Guarantee:** YES/NO

Document marked as:

.....

- **Contract drawings:** YES/NO

Document marked as:

.....

- **Other documents:** YES/NO

(*If "Yes", specify:)

.....

42.7 DISPUTE RESOLUTION

Not applicable/No clause

Also refer to previous clause 42.2.4 [40.2.2#] in this regard

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42.8 SIGNATURES OF THE CONTRACTING PARTIES

- This done and signed at
.....
on
.....
Name of signatory:
.....
For and behalf of the **Employer** who by
signature hereof warrants authorisation hereto:

.....
.....
As Witness:

.....
.....
- This done and signed at
.....
on
.....
Capacity of signatory:
.....
For and behalf of the **Contractor** who by
signature hereof warrants authorisation hereto:

.....
.....
As Witness:

.....
.....

SECTION B: JBCC PRELIMINARIES

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B1 DEFINITIONS AND INTERPRETATION

42 **B1.1 Definitions and interpretation**

Fixed: _____ Value related: _____ Time
related: _____

Item

B2 DOCUMENTS

43 **B2.1 Checking of documents**

Fixed: _____ Value related: _____ Time
related: _____

Item

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

Fixed: _____ Value related: _____ Time
related: _____

Item

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

Fixed: _____ Value related: _____ Time
related: _____

Item

46 **B2.4 Interests of agents**

Fixed: _____ Value related: _____ Time
related: _____

Item

47 **B2.5 Priced documents**

Fixed: _____ Value related: _____ Time
related: _____

Item

48 **B2.6 Tender submission**

Fixed: _____ Value related: _____ Time
related: _____

Item

B3 THE SITE

49 **B3.1 Defined works area**

Fixed: _____ Value related: _____ Time
related: _____

Item

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50	B3.2 Geotechnical investigation Fixed: _____ Value related: _____ Time related: _____	Item		
51	B3.3 Inspection of the site Tenderers shall complete the Compulsory Site Inspection Certificate (Returnable Schedule No 12) included in the tender documents and return the same with the tender submission Fixed: _____ Value related: _____ Time related: _____	Item		
52	B3.4 Existing premises occupied Fixed: _____ Value related: _____ Time related: _____	Item		
53	B3.5 Previous work - dimensional accuracy Fixed: _____ Value related: _____ Time related: _____	Item		
54	B3.6 Previous work - defects Fixed: _____ Value related: _____ Time related: _____	Item		
55	B3.7 Services - known Fixed: _____ Value related: _____ Time related: _____	Item		
56	B3.8 Services - unknown Fixed: _____ Value related: _____ Time related: _____	Item		
57	B3.9 Protection of trees Fixed: _____ Value related: _____ Time related: _____	Item		
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58	B3.10 Articles of value Fixed: _____ Value related: _____ Time related: _____	Item
59	B3.11 Inspection of adjoining properties Fixed: _____ Value related: _____ Time related: _____	Item
<u>B4 MANAGEMENT OF CONTRACT</u>		
60	B4.1 Management of the works Fixed: _____ Value related: _____ Time related: _____	Item
61	B4.2 Programme for the works Fixed: _____ Value related: _____ Time related: _____	Item
62	B4.3 Progress meetings Fixed: _____ Value related: _____ Time related: _____	Item
63	B4.4 Technical meetings Fixed: _____ Value related: _____ Time related: _____	Item
64	B4.5 Labour and plant records Fixed: _____ Value related: _____ Time related: _____	Item
<u>B5 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>		
65	B5.1 Samples of materials Fixed: _____ Value related: _____ Time related: _____	Item

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66	B5.2 Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item
67	B5.3 Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item
68	B5.4 Compliance with manufacturers' instructions Fixed: _____ Value related: _____ Time related: _____	Item
<u>B6 TEMPORARY WORKS AND PLANT</u>		
69	B6.1 Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item
70	B6.2 Enclosure of the works Fixed: _____ Value related: _____ Time related: _____	Item
71	B6.3 Advertising Fixed: _____ Value related: _____ Time related: _____	Item
72	B6.4 Plant, equipment, sheds and offices Fixed: _____ Value related: _____ Time related: _____	Item
73	B6.5 Main notice board Fixed: _____ Value related: _____ Time related: _____	Item
74	B6.6 Subcontractors' notice board Fixed: _____ Value related: _____ Time related: _____	Item

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B7 TEMPORARY SERVICES

75 **B7.1 Location**

Fixed: _____ Value related: _____ Time
related: _____

Item

76 **B7.2 Water**

Fixed: _____ Value related: _____ Time
related: _____

Item

77 **B7.3 Electricity**

Fixed: _____ Value related: _____ Time
related: _____

Item

78 **B7.4 Telecommunication facilities**

Fixed: _____ Value related: _____ Time
related: _____

Item

79 **B7.5 Ablution facilities**

Fixed: _____ Value related: _____ Time
related: _____

Item

B8 PRIME COST AMOUNTS

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

Fixed: _____ Value related: _____ Time
related: _____

Item

**B9 ATTENDANCE ON N/S SUB-
CONTRACTORS**

81 **B9.1 General attendance**

Fixed: _____ Value related: _____ Time
related: _____

Item

82 **B9.2 Special attendance**

Fixed: _____ Value related: _____ Time
related: _____

Item

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83	B9.3 Commissioning - fuel, water and electricity Fixed: _____ Value related: _____ Time related: _____ B10 FINANCIAL ASPECTS	Item	
84	B10.1 Statutory taxes, duties and levies Fixed: _____ Value related: _____ Time related: _____	Item	
85	B10.2 Payment for preliminaries Fixed: _____ Value related: _____ Time related: _____	Item	
86	B10.3 Adjustment of preliminaries Fixed: _____ Value related: _____ Time related: _____	Item	
87	B10.4 Payment certificate cash flow Fixed: _____ Value related: _____ Time related: _____ B11 GENERAL	Item	
88	B11.1 Protection of the works Fixed: _____ Value related: _____ Time related: _____	Item	
89	B11.2 Protection / isolation of existing / sectionally occupied works Fixed: _____ Value related: _____ Time related: _____	Item	
90	B11.3 Security of the works Fixed: _____ Value related: _____ Time related: _____	Item	
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91	B11.4 Notice before covering work Fixed: _____ Value related: _____ Time related: _____	Item
92	B11.5 Disturbance Fixed: _____ Value related: _____ Time related: _____	Item
93	B11.6 Environmental disturbance Fixed: _____ Value related: _____ Time related: _____	Item
94	B11.7 Works cleaning and clearing Fixed: _____ Value related: _____ Time related: _____	Item
95	B11.8 Vermin Fixed: _____ Value related: _____ Time related: _____	Item
96	B11.9 Overhand work Fixed: _____ Value related: _____ Time related: _____	Item
97	B11.10 Instruction manuals and guarantees Fixed: _____ Value related: _____ Time related: _____	Item
98	B11.11 As built information Fixed: _____ Value related: _____ Time related: _____	Item
99	B11.12 Tenant installations Fixed: _____ Value related: _____ Time related: _____	Item

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B12 SCHEDULE OF VARIABLES

100 B12.1 Pre-tender information

*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 references clauses are italicised in [] brackets.*

Fixed: _____ Value related: _____ Time
related: _____

Item

12.1 PRE TENDER INFORMATION

12.1.1 Provisional Bills of Quantities

[2.2] The quantities are provisional NO

12.1.2 Availability of construction documentation

[2.3] Construction documentation is complete YES

12.1.3 Interest of agents

[2.4] Details: See clause 42.1.2

12.1.4 Defined works area

[3.1] Details: See clause 42.2.1

12.1.5 Geotechnical investigation

[3.2] Details: N/A

12.1.6 Existing premises occupied

[3.4] Specific requirements: YES

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

12.1.8 **Previous work - defects**
[3.6] Details: N.A.

12.1.9 **Services - known**
[3.7] Details: N.A.

12.1.10 **Protection of trees**
[3.9] Specific requirements: *No trees to be removed without approval by client*

12.1.11 **Inspection of adjoining properties**
[3.11] Specific requirements: N.A.

12.1.12 **Enclosure of the works**
[6.2] Specific requirements: N.A.

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: <i>The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 2770mm wide x 3700mm high, constructed of suitable boarding with flat smooth surface on a suitable square tubular steel sub-frame and fixed to and including a suitable supporting structure of timber or tubular posts and braces. All painting to and wording on the board shall be in accordance to the prescribed colour scheme and lettering type, all in accordance to the drawing included in the "Supplementary Information" section (which is bound at the back of this document)</i>				
	12.1.15 Subcontractors' notice board [6.6] Specific requirements:	NO			
101	12.1.16 Water [7.2] Option A (by contractor)	YES			
	Option B (by employer - free of charge)	NO			
	Option C (by employer - metered)	NO	Item		
102	12.1.17 Electricity [7.3] Option A (by contractor)	YES			
	Option B (by employer - free of charge)	NO			
	Option C (by employer - metered)	NO	Item		
103	12.1.18 Telecommunications [7.4] Telephone	YES			
	Facsimile	YES			
	E-mail	YES	Item		
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<p>12.1.19 Ablution facilities [7.5] Option A (by contractor)</p> <p style="text-align: right;">YES</p> <p>Option B (by employer)</p> <p style="text-align: right;">NO</p> <p>12.1.20 Protection of existing/sectionally occupied works [11.2] Protection is required</p> <p style="text-align: right;">NO</p> <p>12.1.21 Special attendance [9.2] Subcontractor (1) details:</p> <p>Subcontractor (2) details:</p> <p>Subcontractor (3) details:</p> <p>Subcontractor (4) details:</p> <p>12.1.22 Protection of works [11.1] Specific requirements: <i>N.A.</i></p> <p>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</p> <p>12.1.24 Environmental disturbance [11.6] Specific requirements: <i>N.A.</i></p> <p>B12.2 POST-TENDER INFORMATION</p>			
<p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		<p style="text-align: center;">R</p>	

All post-tender information for this section will be determined once tender is awarded

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

Option B (calculated) NO

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

Option B (detailed breakdown) NO

12.2.3 **Additional agreed preliminaries items**
Details:

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

104 C1 CONTRACT DRAWINGS

Save for the drawings included in the "Supplementary Information" section (which is bound at the back of this document), no other drawings are issued with the tender documents. A complete set of drawings indicating the exact scope of work can be viewed, during normal office hours, at the offices of the **principal agent**.

Should any part of the drawings not be clearly intelligible to the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**.

Fixed: _____ Value related: _____
Time related: _____

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105	<p>C2 GENERAL PREAMBLES</p> <p>The document "Specification of Materials and Methods to be used (PW371)" is obtainable on request from the head office and all regional offices of the Department, 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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
106	<p>C3 TRADE NAMES</p> <p>Wherever a trade name for any product has been described in the bills of quantities, 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</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
107	<p>C4 IMPORTED MATERIALS AND EQUIPMENT</p> <p>Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations.</p> <p>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 Provisions (if applicable)</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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108 **C5 VIEWING THE SITE IN SECURITY AREAS**

The **site** is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the **site** for tendering purposes

Fixed: _____ Value related: _____
Time related: _____

Item

109 **C6 COMMENCEMENT OF WORKS IN SECURITY AREAS**

As the **works** falls within a security area the **contractor** must give the unit commander or other responsible officer notice 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

110 **C7 ENTRANCE PERMITS TO SECURITY AREAS**

As the **works** falls 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 the control of the Defence Force, Police or chief security officer

Fixed: _____ Value related: _____
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111 **C8 SECURITY CHECK OF PERSONNEL**

The **principal agent** may require the **contractor** to have his personnel and workmen, or a certain number of them, security classified

In the event of the **principal agent** requesting the removal of a person or persons from the **works** for security reasons, the **contractor** shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the **works** and the **site** and/or to any document or information relating to the **works**

Fixed: _____ Value related: _____
Time related: _____

Item

112 **C9 PROHIBITION ON TAKING OF PHOTOGRAPHS**

In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister

The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959

Fixed: _____ Value related: _____
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C10 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. 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 afore-mentioned 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 of "Section 1: Preliminaries" 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

113 **C10.1 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

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114	<p>C10.2 AWARENESS WORKSHOPS</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
115	<p>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
116	<p>C10.4 ACCESS TO CONDOMS</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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117	<p>C10.5 MONITORING</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><i>[Service Provider should include any other necessary Project Specific Preliminaries here]</i></p>	Item		
118	<p>C11 OCCUPATIONAL HEALTH AND SAFETY ACT</p> <p>The contractor shall comply with all the requirements set out in the Construction Regulations 2014, issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this section of the bills of quantities.</p> <p>The contractor must take note that compliance with the occupational Health and Safety Act, Construction Regulations and Health and Safety Specifications is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 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.</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST

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<u>COLLECTION</u>			
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Total Brought Forward from Page No.	20		
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	25		
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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BUILDING WORK</u>			
	<u>BILL NO 1</u>			
	<u>ALTERATIONS</u>			
	<p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Unless otherwise stated, all materials from the alterations and demolition will belong to the builder.</p> <p>The builder should allow for the removal of all debris from site and keeping the site clean at all times.</p> <p>The Contractor should allow for removing of rubble from site on daily basis, failing which the client might stop the construction until the site has been cleaned.</p> <p>NATURE OF WORK: Tenderer's are advised to visit the site and to satisfy themselves as to the nature and extent of the work to be done and provide in their tenders any items not specifically mentioned which they may deem necessary for the proper completion of the work. Tenderer's are advised that the existing building will be in occupation during the progress of the work and due allowance must be made for work being carried out at such times and in such manner as will least interfere with the routine of the occupants and as may be directed by the Quantity Surveyor.</p> <p>NATURE OF WORK: Tenderer's are advised to visit the site and thoroughly acquaint themselves with the nature of demolitions, the nature and the extent the work to be</p>			
	Carried to Collection		R	
	Section No. 2 BUILDING WORKS Bill No. 1 Alterations			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

done and adequate provisions are to be made in tendered rates for items not specifically mentioned which they may deem necessary for the proper completion of the work

SCHOOL TO REMAIN OPERATIONAL: Tenderers are to note that all existing buildings of the facility will remain occupied and fully operational during the construction period and due allowance must be made for the work being carried out at such times and in such manner as directed by the Principal Agent to ensure the least interference with the routine of the School.

EXISTING SERVICES: Special care is to be taken by the Contractor not to interfere unnecessarily with existing services. Should the contractor encounter any existing services such as underground cables, pipes or sewers during the execution of the works he shall notify the Principal Agent immediately and suspend all affected work in the immediate vicinity until such have been dealt with (i.e. removed, disconnected, re-routed, etc) and instruction to proceed with the work has been given by the Principal Agent

The Contractor shall afford every facility to Specialist which might be employed by the Principal Agent to effect the necessary removal, disconnection, re-routing, etc of services as might be required.

The Contractor will be held solely responsible for any damages to persons or property and for the safety of the structures throughout the whole of this Contract and shall make good at his own expense any such damages arising out of his failure to adhere to the aforesaid requirement.

OLD MATERIAL:

Unless specifically otherwise described, all other old materials from demolitions are to become the property of the CONTRACTOR, therefore, tendered rates for demolitions must cater for adequate credit in this regard.

It will be expected from the Contractor that all old materials not required, rubble, rubbish, etc. to be immediately carted away and site left clean and unencumbered at all times.

MEASUREMENT: Measurement given are approximate and the Contractor is advised to view the site and

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Section No. 2
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existing structures to be demolished and to thoroughly acquaint himself with the extent of the work to be done.

Any errors to the tendered rates in this regard shall be Contractor's expense as no claims in this regard will be entertained afterwards

TENDER: The submission of a tender will imply that the Contractor has physically visited the site and fully understands the content and extent of the work described in this Bill and, therefore, accepts that no claims in this respect will thus be entertained afterwards.

DIMENSIONS The Contractor is advised to take all dimensions affecting the existing buildings on the site, as he will be held solely responsible for all new work being of the correct size.

PIPES, ETC Special care is to be taken not to interfere unnecessary with any supply pipes or other piping that may be met with and found necessary to disconnect or cut, are to be effectively stopped off and any new connections that may be necessary are to be made with proper fittings and to the satisfaction of the QS to whom due notice must be given of any alterations to the existing services.

PROTECTION In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The Contractor must also protect all work not removed such as walls, floors, doors, windows or other joinery ,loose and fixed fittings and electrical appliances, etc. from damage during the progress of the work and provide all necessary materials for doing so. The Contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this Contract and must make good at his own expense any damage that may occur.

CREDITS, ETC Old materials from the pulling down (except such as described to be re-used) are to become the property of the CONTRACTOR. Old materials for re-use are to be carefully removed, stored and protected from injury including making good any damaged or defective parts as required before fixing. Old materials described to be handed over are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish to be immediately carted away and the site left

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
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clean and unencumbered. None of the old stock bricks from the pulling down are to be re-used for any new work.

MATERIALS, ETC The materials to be used and work to be done to be similar in all respects to that described for new work insofar as they concur. All work in making good is to be properly jointed to the existing.

DEMOLITIONS ETC

1	Existing Ablution Block size, 6,0m x 3,0m on plan and 3m high at eaves, comprising reinforced concrete surface bed, 230mm external walls, 110mm internal walls and roof covering on timber trusses and removal of debris, carting away, filling, compacting of pit with G5 or suitable material including desludging and issuing of certificate of compliance upon completion	No	1
2	Existing Ablution Block with flat roof, 2,0m x 3,0m on plan and 3m high at eaves, comprising reinforced concrete surface bed, 230mm external walls, 110mm internal walls and roof covering on timber trusses and removal of debris, carting away, filling, compacting of pit with G5 or suitable material including desludging and issuing of certificate of compliance upon completion	No	1

TEMPORARY BARRIERS, SCREENS, ETC

Temporary barriers, screens, etc including removal

3	Shade netting barrier 2000mm high formed of steel channel section rails, etc	m	218
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REMOVAL OF EXISTING WORK

Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.

4	Removal of existing roof coverings, timber trusses and purlins, corrugated roof sheeting	m2	1 512
5	Ceilings and cornices including branderings	m2	1 260

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**LUSUSHWANA SECONDARY SCHOOL
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FOR INDEPENDENT DEVELOPMENT TRUST**

	<u>Hacking up/off and remove ceramic tiles including mortar bed or adhesives from the concrete or brickwork and preparing the surface for new screed, plaster, tile finish etc</u>				
6	Tiles to floors	m2	1 260		
	<u>Taking out and removing doors, windows, fittings, including ironmongery etc from brickwork including making good cement plaster on both sides (making good paintwork elsewhere)</u>				
7	Timber single door and steel frame 813 x 2032mm high	No	16		
8	Timber double door and steel frame size 1588 x 2032mm high	No	3		
	<u>Taking out and removing sundry joinery work, fittings, etc</u>				
9	Chalkboards size approximately 4800mm x 1200mm.	No	16		
10	Damaged pinning boards size approximately 1200mm x 1500mm high	No	64		
	<u>Take out and remove damaged gutters, etc</u>				
11	Fascias and barge boards	m	564		
12	PVC gutters	m	420		
13	PVC Downpipes	m	48		
	<u>Taking out and removing sundry joinery work</u>				
14	Timber skirtings from brickwork	m	562		
	<u>Taking out and removing glass and mirrors</u>				
15	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	394		
	<u>REMEDIAL WORK TO EXISTING</u>				
16	Repair to straight joint plaster cracks by forming 5mm joint and remove any loose material and apply SIKAFLEX PRO-3 sealant to manufacturer's specs	m	100		
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17	Hack open all cracks prepare and re plaster to a smooth uniform surface. Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means. Feather the edges with 100 grit sandpaper and ensure surface is dust free. Surface to be dry, sound and clean and cured for a minimum of 14 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 2 scale- 8% or less. Prime with one coat Plascon Plaster Primer (UC 56) with an over coating time of 16 hours and finish with two coats Wall & All (WAA) with 2 hours drying time between coats, for a maintenance cycle of 6 years in a C3 - industrial environment.	m2	122		
18	Making good defects in existing screeded floors	m2	150		
<u>SERVICING OF DOORS, WINDOWS, ETC.</u>					
19	Replace existing damaged or missing brass window sash handles and stays	No	384		
<u>PREPARATORY WORK TO EXISTING SURFACES</u>					
20	Prepare, and clean external walls with high pressure water and leave surfaces free from dirt, etc	m2	1 764		
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Item No		Quantity	Rate	Amount
	<u>SECTION NO.2</u>			
	<u>BUILDING WORK</u>			
	<u>BILL NO.2</u>			
	<u>ROOF COVERINGS ETC</u>			
	<p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<p><u>General</u></p> <p>All roof coverings, etc., to be with a covering of Z275 galvanising. All holes to be drilled and not punched</p> <p>Where described as with "Chromadek" finish, all sheets, flashings, etc., shall be with "Chromadek" silicone polyester paint for exterior use</p> <p><u>Sizes</u></p> <p>All items are measured net unless otherwise described</p> <p><u>Flashings, trimming plates, etc.</u></p> <p>Prices to include for all cutting and waste and relevant fixing material, unless otherwise described</p> <p>All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet steel roof covering where applicable</p> <p>All items are unless otherwise described measured net</p>			
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	<p>Section No. 2</p> <p>BUILDING WORKS</p> <p>Bill No. 2</p> <p>Roof Coverings</p>			

**LUSUSHWANA SECONDARY SCHOOL
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TILES

**330 x 420mm "Coverland Double Roman"
throughcolour concrete tiles nailed with non-
corrosive tile nails to 38 x 38mm sawn softwood
battens at 320mm centres, nailed on an underlay of
150 micron yellow polyethylene sheeting with
150mm sealed laps**

1	Roof coverings with pitch not exceeding 25 degrees	m2	1 512		
2	Ridge tiles to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	m	210		
3	Hip tiles to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	m	82		
4	Verge capping tiles to match roofing tiles fixed with non-corrosive fixing accessories	m	21		
5	Purpose made tile to 3-way intersection of ridge with hips bedded and pointed in 1:3 cement mortar tinted to match tile colour	No	16		

Sundries

6	Raking cutting and waste.	m	313		
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Bill No. 2
Roof Coverings

Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO.3</u>			
<u>CARPENTRY AND JOINERY</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Particle board:</u>			
Particle board shall comply with the following specifications:			
a) SABS 1300 Particle board: exterior and flooring type			
b) SABS 1301 Particle board: interior type			
<u>Joinery:</u>			
Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete			
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Decorative laminate finish:

Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish

PREFABRICATED ROOF TRUSSES

Pre-fabricated metal connected timber roof trusses

All trusses shall be fabricated by an approved truss manufacturer who holds a current Certificate of Competence awarded by the Institute for Timber Construction

Timber

Timber for trusses to be South African softwood and shall be in accordance with the grades as defined in SABS Specification No 563 or as defined in SABS Specification No 1460

Bolts

Bolts shall be in accordance with BS 4190 or SABS 135

Shear plates, tooth connectors and split rings

Shear plates, tooth connectors and split rings shall be in accordance with BSS 1759 : 1960 and installed in accordance with the CSIR Publication HOUT 468, "The Design, Manufacturing and Erection of Timber Trusses"

Washers

Square or round washers of the following dimensions shall be used with all bolts:

- 1 Bolts up to 8mm diameter:
Washers shall be minimum 25mm wide of minimum
2,50mm thickness
- 2 Bolts up to 12mm diameter:
Washers shall be minimum 36mm wide of minimum
4,00mm thickness

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3 Bolts up to 20mm diameter:
Washers shall be minimum 60mm wide of minimum
5,00mm thickness

Metal connector plates

Metal connector plates shall be fabricated out of not less
than 1mm thick drawn quality galvanised steel

The steel shall have a minimum yield strength of
228MPa and a minimum ultimate tensile strength of
330MPa. The corrosion resisting coating shall be not
less than 275g/m² commercial class hot dipped
galvanising as per SABS 934 before stamping

All connector plates shall have been tested by the CSIR
and be of a size capable of transmitting the forces
between members of a truss without exceeding the
design values published in the CSIR report

Truss construction

Trusses shall be constructed in jigs specially designed
to ensure the correct profile, overhangs and cambers

Where metal connector plates are used all joints are to
be close fitted butt joints made by precision pressing of
the metal connector plates into each side of the joint

Truss design

All trusses shall be designed by a registered
Professional Engineer in accordance with SABS 0163
("Design of Timber Structures") and Code 0160
("Loadings")

Truss spacing

The truss centres shall be less than or equal to that as
described in this bill for each respective truss

Truss pitch

The truss pitch shall be as described in this bill for each
respective truss type

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Truss loading

Trusses shall be designed for a live load of 0,50kN/m² and dead load as specified under the sub-heading "Specific load specifications for roof trusses"

Shop drawings, design and erection guarantee certificates

It will be expected from the Contractor to timeously prepare, submit and obtain the necessary approvals from the Representative/Agent in respect of the required shop drawings, design and erection guarantee certificates as specified

Dimensions

All dimensions given in the descriptions of the trusses are nominal and actual measurements are to be obtained by actual measurements taken on the site before design or fabrication commences

Erection

All trusses are to be hoisted and erected strictly in accordance with the procedures and recommendations of the manual "The Erection and Bracing of Timber roof Trusses" as published by the Institute for Timber Construction and the CSIR, or the SABS Code of Practice "The Design, Manufacture and Erection of Timber Roof Trusses", or as designed and detailed by the designer

Design system

The design system as documented in this bill is based on the "MiTek" system and all references given in the descriptions are related to specific type of trusses based on this design system

However, Contractors are to note that any design system of similar quality may be used subject to the prior written approval of the Representative/Agent

Specific specifications for roof trusses

Unless otherwise described, the following specifications will apply:

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1 All trusses to be with a 10° pitch

2 The dead load consists of roof tiling and brandering at approximately 600mm centres

ROOFS

The following in plate nailed timber roof truss construction

The references given in the descriptions are to the respective types of trusses detailed on the architect's drawings annexed to these bills of quantities/accompanying these bills of quantities for tender purposes

Prices for rafters and trusses to include all "Hurricane" clips, steel M-runners and "Permfix" plates, screws, nails, wires, sundry material, etc (bracing, wallplates, purlins and gangboarding are measured seperately)

Allow for the preparation and submission of the following documents in respect of all buildings

1 Detailed shop drawings indicating truss sizes, truss positions, bracings, details, etc. to be submitted for approval prior the commencement of any fabrication

Item

2 Design certificate indicating the licensed programme used, SANS specifications adhered to, general procedures and loadings adopted, sizes and grading of timber components, details, etc.

Item

3 Erection guarantee certificate after the whole completed roof truss structure have been inspected, all defective work have been taken out and made good, etc. to the full satisfaction of the Principal Agent

Item

Sawn softwood

4 Roof construction to double pitched roof supplied and erected complete in position with bracing, gangboarding, hipped end, rafters etc. For **Admin block approximately 420m2**

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

5	Roof construction to double pitched roof supplied and erected complete in position with bracing, gangboarding, hipped end, rafters etc. For Classroom block approximately 490m2	No	3		
6	Roof construction to double pitched roof supplied and erected complete in position with bracing, gangboarding,hipped end, rafters etc. For mini hall and storage approximately 429m2	No	1		
	<u>Sawn softwood</u>				
7	38 x 114mm Wall plates	m	244		
8	38 x 228mm Gangboarding	m	128		
9	38 x 38mm Brandering	m	976		
	<u>Sundries</u>				
10	Two coats creosote on sawn timbers	m2	126		
11	600mm Long wrought and shaped end to 38 x 114mm sawn timber	No	64		
12	3,2mm Diameter galvanised wire tie 600mm girth wrapped around rafter and purlin with ends tied together	No	280		
	<u>EAVES, VERGES, ETC</u>				
	<u>"Everite Flexit"or other equal and approved pressed nutec-cement</u>				
13	15 x 250mm Fascias and barge boards including galvanised steel H-profile jointing strips	m	562		
	<u>SKIRTINGS</u>				
	<u>Wrought meranti</u>				
14	19 x 76mm Skirting including 19mm quadrant bead nailed	m	428		
	<u>DOORS, ETC</u>				
Carried to Collection				R	
Section No. 2 BUILDING WORKS Bill No. 3 Capentry and Joinery					

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Wrought meranti doors hung to timber frames

15	44mm FLBB Door size 813 x 2032mm high with styles, top, bottom, and middle rails with diagonal bracing of 22mm tongue & grooved vertical battens, finish suitable for varnish (elsewhere measured).	No	16
16	40mm Double door 1 613 x 2 032mm high with rebated meeting edges	No	3

Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 3
Carpentry and Joinery

Section No. 2

BUILDING WORKS

Bill No. 3

Capentry and Joinery

COLLECTION

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Section No. 2

BUILDING WORKS

Bill No. 3

Capentry and Joinery

[illegible]

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

	<u>"Aerolite" or other equal and approved insulation</u>				
4	40mm Insulation closely fitted and laid on top of brandering between roof timbers etc	m2	1 680		
	<u>NAILED UP CEILINGS</u>				
	<u>6,4mm "Rhino" or other equal and approved gypsum plasterboard with H-type pressed steel jointing strips</u>				
5	Ceilings including 38 x 38mm sawn softwood brandering at 400mm centres	m2	1 680		
6	Extra over ceiling for 650 x 650mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	18		
	<u>"Rhino" or other equal and approved gypsum plasterboard cornices</u>				
7	75mm Coved cornices	m	562		
Carried to Collection					R
Section No. 2 BUILDING WORKS Bill No. 4 Ceilings, Partitions and Access Flooring					

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO.2</u></p> <p><u>BUILDING WORK</u></p> <p><u>BILL NO.5</u></p> <p><u>IRONMONGERY</u></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs</p> <p><u>Finishes to ironmongery</u></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p><u>LOCKS</u></p> <p><u>"Union" or similar approved</u></p>			
1	"Union CZ682-24/2295-76" or other equal and approved two lever lockset with striking plate fixed to metal	No	18	
	Carried to Collection			R
	Section No. 2 BUILDING WORKS Bill No. 5 Ironmongery			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

HINGES

2	1,5 Pairs "UNION" or similar approved two ball bearing butt hinge (Code : JH-BB-ST-2-SS) with stainless Steel finish	No	36
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LETTERS, NAMEPLATES, ETC

3	60 X 3mm Thick perspex plate with two 40mm high engraved and painted letters or numerals	No	18
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SUNDRIES

"Dorma" or similar approved

4	Dorma "Code 255" door stop plugged	No	18
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**PINNING BOARDS, WRITING BOARDS,
PROJECTION SCREENS, ETC**

Vitrex or other approved

5	Green writing board 4 800 x 1 140mm high consisting of two fixed panels each 2 400 x 1 140mm high complete with aluminium chalk rail, etc, plugged	No	16
---	--	----	----

"Parrot" or other approved

6	"BD0470Z" bulletin boards 2000 x 1200mm high, plugged	No	32
7	"BD0484Z" bulletin boards 3000 x 1200mm high, plugged	No	4

Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 5
Ironmongery

[illegible]

Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO. 6</u>			
<u>METALWORK</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>Descriptions</u>			
Descriptions of bolts shall be deemed to include nuts and washers Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete Metalwork described as"holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
<u>WELDED SCREENS, GATES, ETC</u>			
<u>Security gates to steel door frames</u>			
1	Single gate 813 x 2 032mm high of 40 x 60 x 2,5mm hollow section frame with two 40 x 6mm flat section horizontal rails filled in with 12mm diameter vertical rails at 100mm centres fitted with one and a half pairs of suitable pin hinges welded to steel door frame, complete with and including five lever security lock	No	16
Carried to Collection			R
Section No. 2 BUILDING WORKS Bill No. 6 Metalwork			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

- | | | | | | |
|---|--|----|---|--|--|
| 2 | Double gate 1900 x 2100mm high of 40 x 60 x 2,5mm hollow section frame with two 40 x 6mm flat section horizontal rails filled in with 12mm diameter vertical rails at 100mm centres fitted with one and a half pairs of suitable pin hinges welded to steel door frame, complete with and including five lever security lock | No | 3 | | |
|---|--|----|---|--|--|

PRESSED STEEL DOOR FRAMES

1,2mm Double rebated frames suitable for one brick walls

- | | | | | | |
|---|------------------------------------|----|----|--|--|
| 3 | Frame for door 813 x 2 032mm high | No | 16 | | |
| 4 | Frame for door 1613 x 2 032mm high | No | 3 | | |

Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 6
Metalwork

[illegible]

Item No	Quantity	Rate	Amount
<p><u>SECTION 2</u></p> <p><u>BUILDING WORK</u></p> <p><u>BILL NO 7</u></p> <p><u>TILING</u></p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>Patterns & Colours</p> <p>All materials shall be in colours to be selected by the Architect and, where applicable, laid to approved patterns.</p> <p>-----</p> <p><u>FLOOR TILING</u></p>			
<p>Carried to Collection</p>			<p>R</p>
<p>Section No. 2 BUILDING WORKS Bill No. 7 Tiling</p>			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

350 x 350 x 11,5mm Ceramic floor tiles fixed with adhesive to the existing plaster and flush pointed with tinted waterproof jointing compound

1	On floors	m2	1 260		
2	Skirting of 350 x 100mm high cut tile	m	96		

Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 7
Tiling

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO.8</u>			
<u>ELECTRICAL WORKS</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Specifications, drawings, etc</u>			
<u>Contract price adjustment provisions</u>			
(b) Cables in excess of 16mm² calculated on the basis of proven cost			
(c) All other work calculated on the index for work group ?			
<u>Distribution boards etc</u>			
Rates for distribution boards etc are to include for busbars, jumpers, neutral bars, internal wiring and connections, circuit identification markers, control gear labels, circuit legend cards and working drawings			
<u>Switches, socket outlets, etc</u>			
Rates for switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates			
Carried to Collection			R
Section No. 2 BUILDING WORKS Bill No. 8 Electrical works			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Light fittings

Rates for light fittings are to include for hanging, fixing and connecting and for lamp holders and fluorescent tubes and lamps of the type and wattage described

ALTERATIONS

Removal of damage lights, plugs, DB's, cable wires etc including the preparation to receive new

1	Plugs	No	28
2	Switches	No	14
3	lights with bulbs	No	48

ELECTRICAL INSTALLATION

DRAW WIRES

4	Supply and installation of 0,6mm diameter galvanised draw wires in sleeve system runs	m	996
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CONDUIT

Supply and installation of SABS approved solid black enameled, solid galvanised or PVC conduits complete with all required conduit accessories. Conduits to be cast into concrete, built into brick walls, fixed on surface of brick, concrete or steel surface or fixed inside ceiling spaces on timber work. All tendered rates must make allowance for wastage.

In ceiling spaces on timber work

5	20 mm Diameter	m	1 033
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CONDUIT BOXES

Supply and installation of SABS approved conduit boxes, installed in the run of the conduit installation, cast into concrete and built into brickwork or flush inside false ceiling spaces, complete with all the required conduit termination accessories

6	20mm Diameter 4 way type	No	112
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Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 8
Electrical works

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

7	450 x 450mm Bonding tray in roof space.	No	45		
<u>WALL BOXES</u>					
Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work					
<u>Flush mounted type:</u>					
8	100 x 50 x 50mm	No	84		
9	100 x 100 x 50mm	No	106		
<u>PVC WIRING</u>					
<u>PVC wiring in conduits</u>					
10	2.5mm ²	m	1 888		
11	4mm ²	m	1 495		
<u>STRANDED BARE COPPER EARTH WIRE</u>					
Supply and installation of stranded bare copper earth wire along with PVC wiring in conduits. Tendered rates shall make provision for wastage.					
12	2.5mm ²	m	3 795		
<u>LIGHT SWITCHES</u>					
Supply and installation of SABS approved type 16 A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification. All boxes for flush mounting measured elsewhere.					
13	1 Lever 1 way	No	48		
14	1 Lever 2 way	No	47		
Carried to Collection				R	
Section No. 2 BUILDING WORKS Bill No. 8 Electrical works					

SOCKET OUTLETS

Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16 A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.

The final colour of the paint finish shall be confirmed at a later stage, allowance shall be made as specified in the specification.

All flush type boxes and special pedestals measured elsewhere.

Supply and install the following 16A 3-pin socket outlet complete with cover plate in position as indicated on the drawings (draw box measured elsewhere)

15	16A 3-pin single	No	34		
16	13A 3-pin Double socket outlet	No	46		

Flush switched socket type:

17	Double 15 A 3 pin socket outlets	No	32		
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ISOLATOR

Supply and install the following isolators complete with the cover plate in the position as indicated on the drawings (draw box elsewhere measured)

18	45A Isolator 4 x 4	No	36		
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LIGHT FITTINGS

Supply, deliver to site, storage and installation of the below specified light fittings complete with lamps or tubes. Allowance must be made in the rates for all the required fixing materials and accessories.

Fittings to be equal and similar approved to the below quoted manufacturer.

Flourescent fittings

19	Type F3: 2 x 54 W open channel fluorescent	No	144		
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Carried to Collection

R

Section No. 2
BUILDING WORKS
Bill No. 8
Electrical works

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

[illegible]

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

[illegible]

[illegible]

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

3	Extra over eaves gutter for stopped end	No	16
4	Extra over eaves gutter for outlet for 100mm diameter pipe	No	16
5	125 x 75mm Rectangular fluted rainwater downpipes in marple white fixed into the wall with holder bats	m	84
6	Extra over rainwater pipe for eaves or plinth offset 600mm projection	No	16
7	Extra over rainwater pipe for shoe	No	16

FIRE APPLIANCES ETC

Fire extinguisher

8	4.5kg CO2 fire extinguisher with wall mounting bracket fitted to 300 x 150 x 19mm meranti wood backing plate with rounded and smoothed edges fixed at 1200mm above FFL plugged and screwed to wall and backing plate to be dry, sound and clean and prime with one coat of wood primer and finished with two coats of velvagio satin of selected colour, sanding lightly between coats	No	16
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Carried to Collection

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Section No. 2
BUILDING WORKS
Bill No. 10
Plumbing and Drainage

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

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<u>Apply one coat Plascon Metal Primer, one coat Plascon Universal Undercoat and two coats Plascon Eggshell Enamel paint</u>					
4	On door frame .	m2	120		
<u>ON WOOD</u>					
<u>Prepare and apply three coats polyurethane suede varnish, lightly sanded between applications</u>					
5	On Timber doors	m2	45		
6	On skirtings, rails, cornices etc not exceeding 300 mm girth	m	366		
<u>PAINTWORK ETC TO EXISTING WORK</u>					
<u>SUPPLEMENTARY PREAMBLES</u>					
<u>Previously painted plastered surfaces</u>					
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth.					
<u>Previously painted metal surfaces</u>					
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal.					
<u>Previously painted wood surfaces</u>					
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth					
<u>ON FLOATED PLASTER</u>					
<u>Prepare surfaces and remove all loose material. Apply one coat plaster primer, two coats velvagio paint</u>					
7	On internal walls	m2	1 320		
Carried to Collection				R	
Section No. 2 BUILDING WORKS Bill No. 12 Paintwork					

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

8	On external wall ON SCREED Minimum two coats approved epoxy coat:	m2	792
9	Apply epoxy paint ON METAL Apply one coat Plascon Metal Primer, one coat Plascon Universal Undercoat and two coats Plascon Eggshell Enamel paint	m2	160
10	On windows frames	m2	155
			R
Section No. 2 BUILDING WORKS Bill No. 12 Paintwork			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Item No	Quantity	Rate	Amount
<u>Section No. 3</u>			
<u>PROVISIONAL SUMS & BUDGETARY ALLOWANCES</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The following Budgetary Allowances are all NET amounts (exclusive of commission or discount for the Contractor) and are for work to be executed by Nominated/Selected Sub-contractors.</p> <p>Under no circumstances may any Provisional or Budgetary amounts be extended at an amount lower than the amount given in the descriptions.</p> <p>Provisional sums and Budgetary allowances contained herein may be omitted or reduced at the Employer's discretion and the Contractor shall not be entitled to claim for any loss by way of reductions or omission of any discount, or percentage relating to Provisional amounts and Budgetary sums or any loss of profit related.</p>			
<u>COMMUNITY LIASION OFFICER</u>			
1	Item	Provide the amount of R 50 000.00 (Fifty Thousand) for the appointment of a Community Liaison Officer for the duration of the project (R10 000 per month)	
		<u>Temporary Classrooms, etc</u>	
2	Item	Provide the sum of R 200 000.00 (Two Hundred Thousand Rand) for supply, delivery, installation and removal of temporary classrooms by Specialists	200 000.00
3	Item	Allow for giving every facility to Specialists as described	
4	Item	Allow for profit on above if required	
Carried to Collection			R
Section No. 3			
PROVISIONAL SUMS AND BUDGETARY ALLOWANCE			
Bill No. 1			
PROVISIONAL SUMS AND BUDGETARY ALLOWANCE			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

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Section No. 3

PROVISIONAL SUMS AND BUDGETARY ALLOWANCE

Bill No. 1

PROVISIONAL SUMS AND BUDGETARY ALLOWANCE

COLLECTION

Amount

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Item No		Quantity	Rate	Amount
	<u>OCCUPATIONAL HEALTH AND SAFETY OBLIGATIONS</u>			
1	Preparation of the Contractor's site specific Health and Safety Plan & Risk Assessment		SUM	
	<u>Provision of Personal Protective Equipment (PPE)</u>			
	<u>Note: Tenderer to provide quantity for full component of staff for contract period</u>			
2	Reflective vests with visible marking of contractor's name and proof of induction	Item		
3	Hard hats	Item		
4	Protective foot wear	Item		
5	Earplugs	Item		
6	Dust masks	Item		
7	Gloves	Item		
8	Ear Defenders SABS approved	Item		
9	Overalls	Item		
10	Fall arrest and prevention equipment.	Item		
11	Safety Goggles / eye protection	Item		
	:-			
12	Provision of a Full time Candidate Construction Health and Safety Officer (SACPCMP Registered) - to also fulfill the role of Hygiene Compliance Officer	month	5	
13	Cost of medical certificates and medical surveillance per employee Note: Tenderer to provide quantity for full component of staff for contract period	No		
14	Initial (baseline) medical examinations	Item		
	Carried to Collection		R	
	Section No. 3 PROVISIONAL SUMS AND BUDGETARY ALLOWANCE Bill No. 2 OHS BILL			

**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

15	Exit examinations	Item	
16	Provision of First Aid Boxes to GSR requirements	Item	
17	Level 2 First Aider	month	5
18	Awareness Signage		SUM
19	Provide Orange Safety Net for barricading		SUM
20	Allow for hoarding material		SUM
21	Fire and emergency prevention signage,extinguishers		SUM
<u>Adhoc: Any OHS related requirements not listed above</u>			
22	Training for 1 She representative		SUM
23	Waste bins	Item	
24	Under cover eating area	Item	
25	Hoarding material (Firm hoarding will be required to separate school personnel from construction activities).	Item	
26	Signage to be provided	Item	
27	Barricading material in a form of Orange Safety Net, Danger tape will not be allowed.	Item	
28	Provisional Sum for Asbestos containing material to be removed and disposed at registered disposal site.	Item	
29	Close out H&S File (hard copy and scanned electronic copy in a USB) to CHSA.		SUM
Carried to Collection			R
Section No. 3 PROVISIONAL SUMS AND BUDGETARY ALLOWANCE Bill No. 2 OHS BILL			

Section No. 3

PROVISIONAL SUMS AND BUDGETARY ALLOWANCE

Bill No. 2

OHS BILL

COLLECTION

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**LUSUSHWANA SECONDARY SCHOOL
CONDITIONED BASED MAINTENANCE CLUSTER 3.1B
FOR INDEPENDENT DEVELOPMENT TRUST**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES	55	
2	BUILDING WORKS	101	
3	PROVISIONAL SUMS AND BUDGETARY ALLOWANCE	108	
	Sub Total		R
	<u>Add:</u> Value Added Tax at 15%		R
	Carried to Form of Tender		R