

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No. |   | Unit | Quantity | Rate | Amount |
|----------|---|------|----------|------|--------|
|          | <p><b>PRELIMINARIES</b></p> <p><b><u>SECTION NO. 1</u></b></p> <p><b><u>BILL NO. 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b></p> <p><b><u>MEANING OF TERMS "TENDER / TENDERER"</u></b></p> <p>Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"</p> <p><b><u>PRELIMINARIES</u></b></p> <p>The JBCC Preliminaries, May 2008 edition for use with the JBCC Principal Building Agreement Edition 4, March 2008 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only.</p> <p>Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked. "N/A" signifying "Not Applicable".</p> <p><b><u>PRICING OF PRELIMINARIES</u></b></p> <p>Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item.</p> <p>Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.</p> <p><b><u>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</u></b></p> <p><b><u>DEFINITIONS</u></b></p> <p><b><u>A1 DEFINITIONS AND INTERPRETATION</u></b></p> <p><b><u>Clause 1.0 Clause</u></b></p> <p><b><u>1.1 Definition of "Commencement Date" is added:</u></b></p> <p>"COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect.</p> <p>Clause 1.1 Definition of "Construction Guarantee" is amended by replacing it with the following:</p> <p>"CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule.</p> <p>"CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion.</p> |      |          |      |        |
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|          | <p><b><u>Clause 1.1 Definition of "Corrupt Practice" is added:</u></b></p> <p>'CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p><b><u>Clause 1.1 Definition of "Fraudulent Practice" is added:</u></b></p> <p>'FRAUDULENT PRACTICE" means the misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.</p> <p><b><u>Clause 1.1 Definition of "Interest" is amended by replacing it with the following:</u></b></p> <p>INTEREST means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Finance Management Act, 1999 (Act No. 1 of 1999).</p> <p>Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following</p> <p>'PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule.</p> <p><b><u>Clause 1.1 Definition of "Security" is amended by replacing it with the following:</u></b></p> <p>'SECURITY" means the form of security provided by the employer of contractor, as stated in the schedule, from which the contractor or employer may recover expenses or loss.</p> <p>Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax" in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply.</p> <p><b><u>Clause 1.6.4 is amended by replacing it with the following:</u></b></p> |      |          |      |        |
| 1        | <p>No clause</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><b><u>OBJECTIVE AND PREPARATION</u></b></p> <p><b><u>A2 OFFER, ACCEPTANCE AND PERFORMANCE</u></b></p>  | Item |          |      |        |
| 2        | <p>Clause 2.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>  | Item |          |      |        |
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|          | <b>A3 DOCUMENTS</b>   |      |          |      |        |
|          | Clause 3.0  |      |          |      |        |
|          | <b>Clause 3.7 is amended by the addition of the following:</b>  |      |          |      |        |
| 3        | The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br><b>A4 DESIGN RESPONSIBILITY</b>   | Item |          |      |        |
| 4        | Clause 4.0<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br><b>A5 EMPLOYERS AGENTS</b>  | Item |          |      |        |
| 5        | Clause 5.0 (See notes to Tenders)<br><br>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3 and 34,4<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br><b>A6 SITE REPRESENTATIVE</b>  | Item |          |      |        |
| 6        | Clause 6.0<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br><b>A7 COMPLIANCE WITH REGULATIONS</b>   | Item |          |      |        |
| 7        | Clause 7.0<br><br>Note: The provisions herein include inter alia, compliance with all the requirements set out in the Construction Regulations, 2008 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), and in particular with Regulation 5(1) requiring the compilation of a health and safety plan, as well as<br><br>Regulation 6(1) requiring the appointment of a construction supervisor<br><br>See also clause C10 of Section C - Specific Preliminaries<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br><b>A8 WORKS RISK</b> | Item |          |      |        |
| 8        | Clause 8.0<br><br>Fixed:_____ Value related:_____ Time related:_____<br><br>  | Item |          |      |        |
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| (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  |      |          |      |        |
| (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)      | <p>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</p> <p>10.7 High risk insurance</p> <p>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:</p> <p>10.7.1 Damage to the works</p> <p>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</p> <p>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</p> <p>10.7.2 Injury to persons or loss of or damage to property</p> <p>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</p> |      |          |      |        |
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|          | <p>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</p> <p>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 contractors 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</p> <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 contractors 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> <p><b><u>A11 LIABILITY INSURANCES</u></b></p> |      |          |      |        |
| 11       | <p>Clause 11.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p><b><u>A12 EFFECTING INSURANCES</u></b></p>   | Item |          |      |        |
| 12       | <p>Clause 12.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>   | Item |          |      |        |
| 13       | <p><b>A13 No clause</b></p> <p><b><u>A14 SECURITY</u></b></p>   |      |          |      |        |
| 14       | <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> <p>14.1.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)</p>  |      |          |      |        |
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| <p>14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employers entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor</p> <p>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.</p> <p><b><u>14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</u></b></p> <p>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.</p> <p>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</p> <p>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</p> <p>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</p> <p>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 employers entitlement shall take precedence over his obligations to refund the cash deposit security or portions obligations to refund the cash deposit security or portions thereof to the contractor</p> <p>14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party</p> <p>14.4 Not applicable</p> <p>14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT)</p> <p>14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of practical completion</p> |      |          |      |        |
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| 14.5.3   | The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring   |      |          |      |        |
| 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   |      |          |      |        |
| 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   |      |          |      |        |
| 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:  |      |          |      |        |
| 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   |      |          |      |        |
| 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  |      |          |      |        |
| 14.6.3   | The payment reduction of the value certified in apayment certificate shall be mutatis mutandi 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 mutatis mutandi in terms of 31.8(B)   |      |          |      |        |
| 14.7.2   | The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employers 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  |      |          |      |        |
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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 notification to the contractor, is entitled to change the notification to the contractor, is entitled to change the contractors selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable  
 Fixed:\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

Item

**EXECUTION**

**A15 PREPARATION FOR AND EXECUTION OF THE WORKS**

15 Clause 15.0

**Clause 15.1.1 is amended by replacing it with:**

No Clause

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

15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date

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

Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.2 and 15.1.4

Fixed:\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

Item

**A16 ACCESS TO THE WORKS**

16 Clause 16.0

Fixed:\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

Item

**A17 CONTRACT INSTRUCTIONS**

17 Clause 17.0

Fixed:\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

Item

**A18 SETTING OUT OF THE WORKS**

18 Clause 18.0

Fixed:\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

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| 19       | <p><b>A19 ASSIGNMENT</b></p> <p>Clause 19.0</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>   | Item |          |      |        |
| 20       | <p><b>A20 NOMINATED SUB-CONTRACTORS</b></p> <p>Clause 20.0</p> <p><b><u>Clause 20.1.3 is amended by replacing it with the following:</u></b></p> <p>No Clause</p> <p>Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p> | Item |          |      |        |
| 21       | <p><b>A21 SELECTED SUBCONTRACTORS</b></p> <p>Clause 21.0</p> <p>Clause 21 is amended by replacing it with:</p> <p>No Clause</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>   | Item |          |      |        |
| 22       | <p><b>A22 EMPLOYERS DIRECT CONTRACTORS</b></p> <p>Clause 22.0</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>   | Item |          |      |        |
| 23       | <p><b>A23 CONTRACTOR'S DOMESTIC SUBCONTRACTORS</b></p> <p>Clause 23.0</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>   | Item |          |      |        |
| 24       | <p><b><u>COMPLETION</u></b></p> <p><b>A24 PRACTICAL COMPLETION</b></p> <p>Clause 24.0</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>   | Item |          |      |        |
| 25       | <p><b>A25 WORK'S COMPLETION</b></p> <p>Clause 25.0</p> <p>Fixed:_____ Value related:_____ Time<br/>related:_____</p>  | Item |          |      |        |
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|          | <b>A26 FINAL COMPLETION</b>  |      |          |      |        |
| 26       | Clause 26.0<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b>A27 LATENT DEFECTS LIABILITY PERIOD</b>   |      |          |      |        |
| 27       | Clause 27.0<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b>A28 SECTIONAL COMPLETION</b>  |      |          |      |        |
| 28       | Clause 28.0<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b>A29 REVISION OF DATE FOR PRACTICAL COMPLETION</b>   |      |          |      |        |
| 29       | Clause 29.0<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b>A30 PENALTY FOR NON-COMPLETION</b>  |      |          |      |        |
| 30       | Clause 30.0<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b>PAYMENT</b>   |      |          |      |        |
|          | <b>A31 INTERIM PAYMENT TO THE CONTRACTOR</b>   |      |          |      |        |
|          | Clause 31.0<br><br>Clause 31.8 is amended by replacing it with the following two alternative clauses:<br><br>Alternative A<br><br>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:<br><br>31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion<br><br>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<br><br>31.8(A).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 |      |          |      |        |
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|          | <p>31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>Alternative B</p> <p>31.8(B) Where security is a payment reduction in terms of 14.7 the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>Clause 31.12 is amended by deleting the following:</p> <p>Payment shall be subject to the employer giving the contractor a tax invoice for the amount due</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><b><u>A32 ADJUSTMENT TO THE CONTRACT VALUE</u></b></p> |      |          |      |        |
| 32       | <p>Clause 32.0</p> <p>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:</p> <p>"due to no fault of the contractor"</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><b><u>A33 RECOVERY OF EXPENSE AND LOSS</u></b></p>  | Item |          |      |        |
| 33       | <p>Clause 33.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>   | Item |          |      |        |
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|--|---|----------|------|--------|
| <b><u>A34 FINAL ACCOUNT AND FINAL PAYMENT</u></b>        |   |          |      |        |
| 34   | Clause 34.0   |          |      |        |
|  | Clause 34.1 is amended by removing "#" next to 34.1   |          |      |        |
|  | Clause 34.2 is amended by removing "#" 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) calender days" with "twenty one (21) calender days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due.<br>Fixed:_____ Value related:_____ Time related:_____ | Item     |      |        |
| <b><u>A35 PAYMENT TO OTHER PARTIES</u></b>               |   |          |      |        |
| 35   | Clause 35.0   |          |      |        |
|  | Fixed:_____ Value related:_____ Time related:_____  | Item     |      |        |
| <b><u>CANCELLATION</u></b>                               |   |          |      |        |
| <b><u>A36 CANCELLATION BY EMPLOYER - CONTRACTORS</u></b> |   |          |      |        |
| <b><u>DEFAULT</u></b>                                    |   |          |      |        |
| 36   | Clause 36.0   |          |      |        |
|  | Clause 36.3 is amended by removing the reference to No clause and replacing the words principal agent with employer   |          |      |        |
|  | <b><u>Clause 36.0 is amended by the addition of the following clause:</u></b>   |          |      |        |
|  | Clause 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract.  |          |      |        |
|  | Clause 36.1.4 estate being sequestrated, liquidated or surrendered in terms insolvency laws in force within the Republic of South Africa.   |          |      |        |
|  | 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.  |          |      |        |
|  | Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer".  |          |      |        |
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|          | <p><b><u>Clause 36.0 is amended by the addition of the following clause:</u></b></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> <p><b><u>A37 CANCELLATION BY EMPLOYER LOSS AND DAMAGE</u></b></p>                | Item |          |      |        |
| 37       | <p>Clause 37.0</p> <p>Clause 37.0 is amended by the addition of the following clause:</p> <p>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</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><b><u>A38 CANCELLATION BY CONTRACTOR - EMPLOYERS DEFAULT</u></b></p>     | Item |          |      |        |
| 38       | <p>Clause 38.0</p> <p><b><u>Clause 38.0 is amended by the addition of the following clause:</u></b></p> <p>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</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><b><u>A39 CESSATON - CANCELLATION OF THE WORKS</u></b></p> | Item |          |      |        |
| 39       | <p>Clause 39.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>  | Item |          |      |        |
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|----------|------|----------|------|--------|
| 40       | Item |          |      |        |
| 41       | Item |          |      |        |
| 42       | Item |          |      |        |
| 43       | Item |          |      |        |
| 44       | Item |          |      |        |
| 45       | Item |          |      |        |

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| 46       | Availability of construction documentation<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 47       | Interests of agents<br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 48       | Priced documents<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 49       | Tender submission<br>Clause 2.6 is amended by replacing JBCC Form of Tender with Form of Offer and Acceptance (see Returnable Schedules)<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
|          | <b><u>THE SITE</u></b>   |      |          |      |        |
| 50       | Defined works area<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
|          | Geotechnical investigation<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 51       | Inspection of the site<br>Tenderers shall complete the Site Inspection Certificate (as per Returnable Schedules) included in the tender documents and return the same with the tender submission.<br>Fixed: _____ Value related: _____ Time related: _____ | Item |          |      |        |
| 52       | Existing premises occupied<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 53       | Previous work dimensional accuracy<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 54       | Previous work defects<br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 55       | Services known<br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
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| 68       | Compliance with manufacturer's instructions<br><br>Fixed: _____ Value related: _____ Time related: _____<br><br><b><u>TEMPORARY WORKS AND PLANT</u></b> | Item |          |      |        |
| 69       | Deposits and fees<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 70       | Enclosure of the works<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 71       | Advertising<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 72       | Plant, equipment, sheds and offices<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 73       | Main notice board<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 74       | Subcontractors notice board<br><br>Fixed: _____ Value related: _____ Time related: _____<br><br><b><u>TEMPORARY SERVICES</u></b>                        | Item |          |      |        |
| 75       | Location<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 76       | Water<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 77       | Electricity<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 78       | Telecommunication facilities<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 79       | Ablution facilities<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
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|----------|--|------|----------|------|--------|
|          | <b>PRIME COST AMOUNTS</b>  |      |          |      |        |
| 80       | Responsibility for prime cost amounts<br><br>Fixed: _____ Value related: _____ Time related: _____   |      |          |      |        |
|          | <b><u>ATTENDANCE ON N/S SUBCONTRACTORS</u></b>   |      |          |      |        |
| 81       | General attendance<br><br>The schedule rates providing for attendance on nominated subcontractors and other contractors, will be adjusted only if the scope of the work has changed<br><br>Fixed: _____ Value related: _____ Time related: _____ | Item |          |      |        |
| 82       | Special attendance<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 83       | Commissioning fuel, water and electricity<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b><u>FINANCIAL ASPECTS</u></b>  |      |          |      |        |
| 84       | Statutory taxes, duties and levies<br><br>Fixed: _____ Value related: _____ Time related: _____  | Item |          |      |        |
| 85       | Payment for preliminaries<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 86       | Adjustment of preliminaries<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 87       | Payment certificate cash flow<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          | <b><u>GENERAL</u></b>  |      |          |      |        |
| 88       | Protection of the works<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| 89       | Protection / isolation of existing / sectionally occupied works<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
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| 90       | Security of the works<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 91       | Notice before covering work<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 92       | Disturbance<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 93       | Environmental disturbance<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 94       | Works cleaning and clearing<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 95       | Vermin<br>Fixed: _____ Value related: _____ Time<br>related: _____   | Item |          |      |        |
| 96       | Overhand work<br>Fixed: _____ Value related: _____ Time<br>related: _____  | Item |          |      |        |
| 97       | Instruction manuals and guarantees<br>Fixed: _____ Value related: _____ Time<br>related: _____   | Item |          |      |        |
| 98       | As built information<br>Fixed: _____ Value related: _____ Time<br>related: _____   | Item |          |      |        |
| 99       | Tenant installations<br>Fixed: _____ Value related: _____ Time<br>related: _____   | Item |          |      |        |
|          | <b><u>SCHEDULE OF VARIABLES</u></b>  |      |          |      |        |
| 100      | Pre-tender information<br>Fixed: _____ Value related: _____ Time<br>related: _____<br><br>This schedule contains all variables referred to in this document and is divided into pretender 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. | Item |          |      |        |
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|          | 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.<br><br>Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [ ] brackets   |      |          |      |        |
| 12,1     | <b>PRE TENDER INFORMATION</b>  |      |          |      |        |
| 12.1.1   | Provisional Bills of Quantities  |      |          |      |        |
| [2.2]    | The quantities are provisional<br><br>NO   |      |          |      |        |
| 12.1.2   | Availability of construction documentation   |      |          |      |        |
| [2.3]    | Construction of documentation is complete<br><br>NO  |      |          |      |        |
| 12.1.3   | Interest of agents   |      |          |      |        |
| [2.4]    | Details:<br><br><b>Principal Agents:</b><br><br>Lodemann Holdings (Pty) Ltd<br>Suite 301 Wheeler House<br>112-116 Mathews Meyiwa Rd<br>Morningside<br>Durban<br><br>4001<br><br><a href="mailto:cnhlangothi@lodemann.co.za">cnhlangothi@lodemann.co.za</a><br><br><b>Architect:</b><br><br>Lodemann Holdings (Pty) Ltd<br>Suite 301 Wheeler House<br>112-116 Mathews Meyiwa Rd<br>Morningside<br>Durban<br><br>4001<br><br><a href="mailto:cnhlangothi@lodemann.co.za">cnhlangothi@lodemann.co.za</a><br><br><b>Quantity Surveyor:</b><br><br>Lodemann Holdings (Pty) Ltd<br>Suite 301 Wheeler House<br>112-116 Mathews Meyiwa Rd<br>Morningside<br>Durban<br><br>4001<br><br><a href="mailto:cnhlangothi@lodemann.co.za">cnhlangothi@lodemann.co.za</a> |      |          |      |        |
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|          | <b>Civil/Structural Engineer:</b><br><br>Lodemann Holdings (Pty) Ltd<br>Suite 301 Wheeler House<br>112-116 Mathews Meyiwa Rd<br>Morningside<br>Durban<br><br>4001<br><br><a href="mailto:cnhlangothi@lodemann.co.za">cnhlangothi@lodemann.co.za</a><br><br><b>Electrical Engineer:</b><br><br>Lodemann Holdings (Pty) Ltd<br>Suite 301 Wheeler House<br>112-116 Mathews Meyiwa Rd<br>Morningside<br>Durban<br><br>4001<br><br><a href="mailto:cnhlangothi@lodemann.co.za">cnhlangothi@lodemann.co.za</a> |      |          |      |        |
| 12.1.4   | Defined works area   |      |          |      |        |
| [3.1]    | Details: Existing school; construction of toilet blocks.   |      |          |      |        |
| 12.1.5   | Geotechnical investigation   |      |          |      |        |
| [3.2]    | Details: Investigations have been conducted and reports are available to be viewed at the the Principal Agent's offices.   |      |          |      |        |
| 12.1.6   | Existing premises occupied   |      |          |      |        |
| [3.4]    | There are existing Structures on site including somethat will be renovated in this contract. These may also be occupied during works hence due arrangements shall be made to minimise disruption of the learning process.  |      |          |      |        |
| 12.1.7   | Previous work - dimensional accuracy   |      |          |      |        |
| [3.5]    | Details:   |      |          |      |        |
| 12.1.8   | Previous work - defects  |      |          |      |        |
| [3.6]    | Details: to be checked on site by the contractor prior to building operations  |      |          |      |        |
| 12.1.9   | Services - known   |      |          |      |        |
| [3.7]    | Details: All known services will be pointed out at the handover of site. However Should the contracor encounter any existing services such as underground cables, pipes or sewer during the execution of the works he shall notify the principal agent immediately and suspend work in the immediate vicinity until instruction to proceed has been given by the principal agent.  |      |          |      |        |
| 12.1.10  | Protection of trees  |      |          |      |        |
| [3.9]    | Specific requirements: All trees are to be protected and may only be removed, trimmed or otherwise interfered with, with the specific written approval of the principal agent.   |      |          |      |        |
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| 12.1.11  | Inspection of adjoining properties   |      |          |      |        |
| [3.11]   | Specific requirements: The contractor must inspect adjoining properties and immediately bring to the attention of the P/A of any consequences that may arise from the building works.  |      |          |      |        |
| 12.1.12  | Enclosure of the works   |      |          |      |        |
| [6.2]    | Specific requirements: The contractor shall enclose the works as required by the Occupational Health and Safety Act.   |      |          |      |        |
| 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.   |      |          |      |        |
| 12.1.14  | Main notice board  |      |          |      |        |
| [6.5]    | Specific requirements:   |      |          |      |        |
|          | The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering. |      |          |      |        |
| 12.1.15  | Subcontractors' notice board   |      |          |      |        |
| [6.6]    | Specific requirements:   |      |          |      |        |
|          | NO   |      |          |      |        |
| 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   |      |          |      |        |
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| 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   |      |          |      |        |
| 12.1.18  | Telecommunications   |      |          |      |        |
| [7.4]    | Telephone  |      |          |      |        |
|          | YES  |      |          |      |        |
|          | Facsimile  |      |          |      |        |
|          | YES  |      |          |      |        |
|          | E-mail   |      |          |      |        |
|          | YES  |      |          |      |        |
| 12.1.19  | Ablution facilities  |      |          |      |        |
| [7.5}    | Option A (by contractor)   |      |          |      |        |
|          | YES  |      |          |      |        |
|          | Option B (by employer)   |      |          |      |        |
|          | NO   |      |          |      |        |
| 12.1.20  | Protection of existing/sectionally occupied works  |      |          |      |        |
| [11.2]   | Protection is required   |      |          |      |        |
|          | YES  |      |          |      |        |
| 12.1.21  | Special attendance   |      |          |      |        |
| [9.2]    | Subcontractor (1) details:   |      |          |      |        |
|          | Subcontractor (2) details:   |      |          |      |        |
|          | Subcontractor (3) details:   |      |          |      |        |
|          | Subcontractor (4) details:   |      |          |      |        |
| 12.1.22  | Protection of works  |      |          |      |        |
| [11.1]   | Specific requirements: The contractor shall protect the work for the duration of the contract. |      |          |      |        |
| 12.1.23  | Disturbance  |      |          |      |        |
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| [11.5]   | Specific requirements:<br><br>The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens, all to the satisfaction of the principal agent   |      |          |      |        |
| 12.1.24  | Environmental disturbance   |      |          |      |        |
| [11.6]   | Specific requirements: None   |      |          |      |        |
| 12.2     | POST-TENDER INFORMATION   |      |          |      |        |
| 12.2.1   | Payment of preliminaries  |      |          |      |        |
| [10.2]   | Option A (prorated)<br><br>NO<br><br>Option B (calculates)<br><br>YES   |      |          |      |        |
| 12.2.2   | Adjustment of preliminaries   |      |          |      |        |
| [10.3]   | Option A (three categories)<br><br>YES<br><br>Option B (detailed breakdown)<br><br>YES  |      |          |      |        |
| 12.2.3   | Additional agreed preliminaries items<br>Details:N/A  |      |          |      |        |
|          | <b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>   |      |          |      |        |
|          | <b><u>Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item</u></b>  |      |          |      |        |
| C1       | <b><u>CONTRACT DRAWINGS</u></b><br><br>The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed<br><br>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<br><br>Fixed: _____ Value related: _____ Time related: _____ | Item |          |      |        |
|          |   |      |          | R    |        |

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SPRING HAVEN PRIMARY SCHOOL

| Item No. |  | Unit | Quantity | Rate | Amount |
|----------|--|------|----------|------|--------|
| C2       | <p><b><u>GENERAL PREAMBLES</u></b></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 |          |      |        |
| C3       | <p><b><u>TRADE NAMES</u></b></p> <p>Wherever a trade name for any product has been described in the bills of quantities,</p> <p>the tenderers 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 |          |      |        |
| C4       | <p><b><u>IMPORTED MATERIALS AND EQUIPMENT</u></b></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. (refer to Schedule of Imported Materials and Equipment to be completed by tenderer)</p> <p>Notwithstanding any provisions elsewhere regarding the</p> <p>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> |      |          |      |        |
| C5       | <p><b><u>VIEWING THE SITE IN SECURITY AREAS</u></b></p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>   | N/A  |          |      |        |
|          |  |      |          |      | R      |

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|----------|--|------|----------|------|--------|
| C6       | <p><b><u>COMMENCEMENT OF WORKS IN SECURITY AREAS</u></b></p> <p>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.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>   | N/A  |          |      |        |
| C7       | <p><b><u>ENTRANCE PERMITS TO SECURITY AREAS</u></b></p> <p>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</p> <p>Defence Force, Police or chief security officer.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>  | N/A  |          |      |        |
| C8       | <p><b><u>SECURITY CHECK OF PERSONNEL</u></b></p> <p>The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified.</p> <p>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.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>                                     | N/A  |          |      |        |
| C9       | <p><b><u>PROHIBITION ON TAKING OF PHOTOGRAPHS</u></b></p> <p>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.</p> <p>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.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> | Item |          |      |        |
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|----------|---|------|----------|------|--------|
| C10      | <p><b>OCCUPATIONAL HEALTH AND SAFETY ACT</b></p> <p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2008 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 / lump sum document.</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification 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 |          |      |        |
| C11      | <p><b><u>HIV/AIDS AWARENESS</u></b></p> <p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the Bills of Quantities.</p> <p>Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained</p> <p>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:</p> <p>Preliminaries (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>   |      |          |      |        |
|          |   |      |          |      | R      |

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|----------|---|------|----------|------|--------|
| C11.1    | <b><u>AWARENESS CHAMPION</u></b><br><br>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| C11.2    | <b><u>AWARENESS WORKSHOPS</u></b><br><br>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<br><br>Fixed: _____ Value related: _____ Time related: _____ | Item |          |      |        |
| C11.3    | <b><u>POSTERS, BOOKLETS, VIDEOS, ETC.</u></b><br><br>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<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| C11.4    | <b><u>ACCESS TO CONDOMS</u></b><br><br>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<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
| C11.5    | <b><u>MONITORING</u></b><br><br>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<br><br>Fixed: _____ Value related: _____ Time related: _____   | Item |          |      |        |
|          |   |      |          |      | R      |

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| Item No. |  | Unit | Quantity | Rate | Amount |
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| C12      | <p><b><u>TRAINING ALLOWANCE</u></b></p><br><p><b>SOCIAL AND ECONOMIC DELIVERABLES IN CONSTRUCTION WORKS CONTRACTS</b></p><br><p>The contractor shall thoroughly study and comply with the requirements and specification data set out in Part C3.6:</p><br><p>Specification for Social and Economic Deliverables in Construction.</p><br><p>Provision for the pricing of Social and Economic Deliverables is made under items C12.1 to C12.4 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, and no additional items or extras to the contract in this regard shall be entertained.</p><br><p>Fixed: _____ Value related: _____ Time related: _____      Item</p> <p><b>C12.1 UTILIZE LOCAL RESOURCES</b></p><br><p>DELIVERABLE A1: Utilise local resources as described in the Specification Data.</p><br><p>Fixed: _____ Value related: _____ Time related: _____      Item</p><br><p>C12.2 Provide Experiential Work Opportunities Towards a Technical Qualification For Designated Persons      Item</p><br><p>DELIVERABLE A2: Provide experiential work opportunities towards a technical qualification for designated persons as described in the specification Data.</p><br><p>Fixed: _____ Value related: _____ Time related: _____      Item</p><br><p>C12.3 Provide Experiential Work Opportunities Towards Trade Competencies For Designated Persons</p><br><p>DELIVERABLE E3: Provide experiential work opportunities and training towards Trade competencies for designated persons as described in the specification Data.</p><br><p>Fixed: _____ Value related: _____ Time related: _____      Item</p><br><p>C12.4 Provide and Manage Training Providers to Provide Life Skills Training to Employees.</p><br><p>DELIVERABLE E4: Procure and Manage Training provider to provide specific training for the minimum number of employees as per part C3.6 in life skills training. As described in the Specification Data.</p><br><p>Fixed: _____ Value related: _____ Time related: _____</p> |      |          |      | R      |

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## Unit

Rate

Amount

Item

**R**

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|----------|--|------|----------|------|--------|
|          | <p>CLAUSE NO C11.1 - Clause C11.1 has been amended to include the following allowances:</p> <p>1) R 8,000.00 for the One Safety officer to coordinate SHE &amp; HIV AIDS matters for the duration of the contract.</p> <p>2) R 4,500.00 for One Intern for the duration of the contract.</p> |      |          |      |        |
|          |  |      |          | R    |        |

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BILL SUMMARY

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Section No. 1  
Preliminaries  
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## FOUNDATIONS

Section No. 2 Foundations  
Bill No. 1  
Earthworks  
Spring Haven Primary School

**DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL**

Section No. 2 Foundations  
Bill No. 1  
Earthworks  
Spring Haven Primary School

| Item No. |  | Unit | Quantity | Rate | Amount |
|----------|--|------|----------|------|--------|
|          | <u>Earth filling supplied by the Contractor compacted in 150mm layers to 93% Mod AASHTO at -1 to +2 of its optimum moisture content:</u> |      |          |      |        |
| 18       | Under floors.  | m3   | 266      |      | -      |
| 19       | Backfilling to trenches, holes, etc.   | m3   | 22       |      | -      |
|          | <u>SOIL POISONING</u>  |      |          |      |        |
|          | <u>Soil insecticide in accordance with SANS 5859:</u>  |      |          |      |        |
| 20       | Under floors etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming.         | m2   | 385      |      | -      |
| 21       | To bottoms and sides of trenches etc.  | m2   | 100      |      | -      |
| R        |  |      |          |      | -      |

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SECTION NO. 2 BILL NO. 1 SUMMARY

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## FOUNDATIONS

Section No. 2 Foundations  
Bill No. 2  
Concrete, Formwork and Reinforcing  
Spring Haven Primary School

[illegible]

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SECTION NO. 2 BILL NO. 2 SUMMARY

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| FOUNDATIONS                |   | Unit | Quantity | Rate | Amount |
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|                            | <b><u>SECTION NO.2</u></b>  |      |          |      |        |
|                            | <b><u>BILL NO. 3</u></b>  |      |          |      |        |
|                            | <b><u>MASONRY</u></b>   |      |          |      |        |
|                            | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|                            | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached. |      |          |      |        |
|                            | <b><u>BRICKWORK IN FOUNDATIONS</u></b>  |      |          |      |        |
|                            | <b><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:</u></b>                    |      |          |      |        |
| 1                          | One brick walls.  | m2   | 65       |      | -      |
| 2                          | One brick walls for patches in the existing walls.  | m2   |          |      | -      |
| 3                          | One brick walls of two half brick skins.  | m2   | 65       |      | -      |
| 4                          | Piers.  | m3   | 1        |      | -      |
|                            | <b><u>BRICKWORK SUNDRIES</u></b>  |      |          |      |        |
|                            | <b><u>Brickwork reinforcement:</u></b>  |      |          |      |        |
| 5                          | 150mm Wide reinforcement built in horizontally.   | m    | 140      |      | -      |
| Carried to Section Summary |   |      |          | R    | -      |

Section No. 2 Foundations  
Bill No. 2  
Masonry  
Spring Haven Primary School

| Bill No.                 | SECTION SUMMARY                 |      |    |   | Amount |
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| 2                        | Concrete, Formwork, Reinforcing | Page | 41 | R | -      |
| 3                        | Masonry                         | Page | 42 | R | -      |
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Section No. 2

Foundations  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

**BUILDING WORK**  
**SECTION NO. 3**

**BILL NO. 1**

**MASONRY**

**PREAMBLES**

The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.

**BRICKWORK IN SUPERSTRUCTURE**

**Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:**

|   |   |    |       |   |
|---|---|----|-------|---|
| 1 | Half brick walls.                                       | m2 | 20    | - |
| 2 | Ditto, but in beamfilling.                              | m2 | 1 360 | - |
| 3 | One brick walls.  | m2 | 365   | - |
| 4 | One brick walls of two half brick skins in gable walls. | m2 | 40    | - |
| 5 | Piers.  | m3 | 1     | - |

**BRICKWORK SUNDRIES**

**Brickwork reinforcement:**

|   |   |   |     |   |
|---|---|---|-----|---|
| 6 | 75mm Wide reinforcement built in horizontally.  | m | 20  | - |
| 7 | 150mm Wide reinforcement built in horizontally. | m | 697 | - |

**Prestressed fabricated precast lintels including necessary temporary supports:**

|   |  |   |    |   |
|---|--|---|----|---|
| 8 | Pair of 110 x 70mm Lintels in lengths not exceeding 3m.                    | m | 40 | - |
| 9 | Pair of 110 x 70mm Lintels in lengths exceeding 3m and not exceeding 4.5m. | m | 10 | - |

**Turning pieces to lintels, etc:**

|    |  |   |    |   |
|----|--|---|----|---|
| 10 | 220mm Wide turning piece to lintels etc. | m | 20 | - |
|----|--|---|----|---|

**Galvanised Hoop Iron cramps, ties, etc:**

|    |  |    |     |   |
|----|--|----|-----|---|
| 11 | 30 x 1.6mm Roof ties 1.5 long with one end fixed to timber and the other end built into brickwork (Provisional). | No | 120 | - |
|----|--|----|-----|---|

**Air bricks etc:**

|    |   |    |   |   |
|----|---|----|---|---|
| 12 | 229 x 152mm Clay vermin proof air brick. (Provisional). | No | 8 | - |
|----|---|----|---|---|

**FACE BRICKWORK ( PROVISIONAL)**

**Corebrick Firelight Satin brick work:**

|    |  |    |       |   |
|----|--|----|-------|---|
| 13 | Extra over brickwork for face brickwork.           | m2 | 1 362 | - |
| 14 | Extra over brickwork for facing 400 x 400mm piers. | m3 | 1     | - |
| 15 | Extra over brickwork for facing gable walls.       | m2 | 40    | - |
| 16 | Extra over brickwork for facing beamfilling.       | m2 | 185   | - |

Carried to Bill Summary

R -

Section No. 3 Building Work  
Bill No. 1  
Masonry  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
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SPRING HAVEN PRIMARY SCHOOL

| Item No.                |  | Unit | Quantity | Rate | Amount |
|-------------------------|--|------|----------|------|--------|
| 17                      | 230mm Wide sill set sloping and slightly projecting.   | m    | 40       |      | -      |
| 18                      | Face brick-on-edge header course lintel.   | m    | 20       |      | -      |
| 19                      | Extra over brickwork for face brick-on-edge header course plinth.  | m    | 15       |      | -      |
| 20                      | Cut face brick-on-edge header course lintel 110mm wide.  | m    | 20       |      | -      |
| 21                      | Fair raking cutting.   | m    | 20       |      | -      |
|                         | <b><u>FIBRE CEMENT WINDOW CILLS</u></b>  |      |          |      |        |
|                         | <b><u>15mm Thick natural grey cills in single length bedded in 4:1 sand cement mortar including metal lugs, etc:</u></b> |      |          |      |        |
| 22                      | 140mm Wide cills set flat and slightly projecting.   | m    | 30       |      | -      |
| Carried to Bill Summary |  |      |          |      |        |
|                         |  |      |          |      | R -    |

Section No. 3 Building Work  
Bill No. 1  
Masonry  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 1 SUMMARY

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ASBESTOS REPLACEMENT PROGRAM  
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| BUILDING WORK              |   | Unit | Quantity | Rate | Amount |
|----------------------------|---|------|----------|------|--------|
| Item No.                   |   |      |          |      |        |
|                            | <b><u>SECTION NO. 3</u></b>   |      |          |      |        |
|                            | <b><u>BILL NO. 2</u></b>  |      |          |      |        |
|                            | <b><u>WATERPROOFING</u></b>   |      |          |      |        |
|                            | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|                            | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.                               |      |          |      |        |
|                            | <b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>  |      |          |      |        |
|                            | <b><u>One layer of 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u></b>   |      |          |      |        |
| 1                          | In walls, under cills, etc.   | m2   | 42       |      | -      |
|                            | <b><u>One layer of 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape:</u></b> |      |          |      |        |
| 2                          | Under surface beds.   | m2   | 266      |      | -      |
|                            | <b><u>JOINT SEALANTS, ETC.</u></b>  |      |          |      |        |
|                            | <b><u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc.</u></b>                                    |      |          |      |        |
| 3                          | 3 x 50mm In saw cut joints in floors.   | m    | 16       |      | -      |
| 4                          | 15 x 10mm In isolation joints including raking out isolation joint filler.  | m    | 16       |      | -      |
|                            | <b><u>"Compriband" bitumen impregnated foam plastic joint sealing strips</u></b>  |      |          |      |        |
| 5                          | 25 x 20mm In joints between window frames and walls   | m2   | 16       |      | -      |
| 6                          | 25 x 20mm In joints between door frames and walls   | m2   | 40       |      | -      |
| Carried to Section Summary |   |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 2  
Waterproofing  
Spring Haven Primary School

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| BUILDING WORK              |   | Unit | Quantity | Rate | Amount |
|----------------------------|---|------|----------|------|--------|
| Item No.                   |   |      |          |      |        |
|                            | <b><u>SECTION NO. 3</u></b>   |      |          |      |        |
|                            | <b><u>BILL NO. 3</u></b>  |      |          |      |        |
|                            | <b><u>ROOF COVERINGS</u></b>  |      |          |      |        |
|                            | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|                            | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.   |      |          |      |        |
|                            | <b><u>CORRUGATED METAL SHEETING AND ACCESSORIES</u></b>   |      |          |      |        |
|                            | <b><u>0.8mm "Safintra" Widedeck ( Rain Cloud) steel sheeting and accessories fixed to timber purlins (elsewhere):</u></b>   |      |          |      |        |
| 1                          | Roof covering with pitch not exceeding 25 degrees.  | m2   | 2 820    |      | -      |
|                            | <b><u>0.8mm "Safintra" Widedeck ( Rain Cloud) flashings:</u></b>  |      |          |      |        |
| 2                          | Ridge capping to suit roof profile.   | m    | 145      |      | -      |
| 3                          | Hip capping to suit roof profile.   | m    | 90       |      | -      |
|                            | <b><u>RAINWATER DISPOSAL</u></b>  |      |          |      |        |
|                            | <b><u>Seamless aluminium gutters.</u></b>   |      |          |      |        |
| 4                          | 100x 75mm Eaves gutters.  | m    | 145      |      | -      |
| 5                          | Extra over gutter for stopped end.  | No   | 20       |      | -      |
| 6                          | Extra over gutter for angle.  | No   | 20       |      | -      |
| 7                          | Extra over 100 x 75mm eaves gutter for outlet for 75mm diameter pipe.   | No   | 20       |      | -      |
| 8                          | 75mm Diameter rainwater pipes.  | m    | 140      |      | -      |
| 9                          | Extra over rainwater pipe for bend.   | No   | 20       |      | -      |
| 10                         | Extra over rainwater pipe for eaves offset 500mm projection.  | No   | 20       |      | -      |
|                            | <b><u>ROOF INSULATION</u></b>   |      |          |      |        |
|                            | <b><u>Sisalation 420' or similar approved heavy industrial grade aluminium foil based insulation.:</u></b>  |      |          |      |        |
| 11                         | Insulation laid taut over battens (at approximately 380mm centres) and fixed concurrent with roof covering including galvanised steel straining wires, laps, etc. | m2   | 2 820    |      | -      |
| Carried to Section Summary |   |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 3  
Roof Coverings  
Spring Haven Primary School



## BUILDING WORK

Section No. 3 Building Work  
Bill No. 4  
Carpentry and Joinery  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                |  | Unit | Quantity | Rate | Amount |
|-------------------------|--|------|----------|------|--------|
|                         | <b><u>FRAMED DOORS, ETC.</u></b>   |      |          |      |        |
|                         | <b><u>Wrought meranti doors hung to steel frames:</u></b>  |      |          |      |        |
| 8                       | 40mm Framed batten door 813 x 2032mm high of top rail and stiles, middle ledge and braces and bottom rail filled in with V-jointed one side boarding. D1 | No   | 25       |      | -      |
|                         | <b><u>SOLID LAMINATED FLUSH DOORS</u></b>  |      |          |      |        |
|                         | <b><u>40mm solid laminated flush doors with hardwood veneer and two concealed edges hung to steel frames:</u></b>  |      |          |      |        |
| 9                       | 40mm Door 813 x 2032mm high.   | No   | 1        |      | -      |
| 10                      | 40mm Door 2100 x 2032mm high.  | No   | 3        |      | -      |
| 11                      | 40mm Door 2100 x 2032mm high.  | No   | 1        |      | -      |
| 12                      | Skirtings and quadrant bead, rails, etc., not exceeding 300 mm girth.  | m    | 556      |      | -      |
| Carried to Bill Summary |  |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 4  
Carpentry and Joinery  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 4 SUMMARY

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Section No. 3 Building Work  
Bill No. 1  
Masonry  
Spring Haven Primary School

## BUILDING WORK

Section No. 3 Building Work  
Bill No. 5  
Ceilings Partitions and Access Flooring  
Spring Haven Primary School

## BUILDING WORK

Section No. 3 Building Work  
Bill No. 6  
Ironmongery  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                |  | Unit | Quantity | Rate | Amount |
|-------------------------|--|------|----------|------|--------|
|                         | <b><u>BATHROOM FITTINGS</u></b>                              |      |          |      |        |
|                         | <b><u>Toilet roll holders:</u></b>                           |      |          |      |        |
| 10                      | Lockable Stainless steel toilet roll holder plugged to wall. | No   |          |      | -      |
|                         | <b><u>Soap dispensers:</u></b>                               |      |          |      |        |
| 11                      | Wall mounted soap dispenser plugged.                         | No   |          |      | -      |
|                         | <b><u>Steel Cupboards</u></b>                                |      |          |      |        |
| 12                      | Wall mounted   | No   | 8        |      | -      |
|                         | <b><u>WHB</u></b>  |      |          |      |        |
| 13                      | Wall mounted   | No   | 2        |      | -      |
|                         | <b><u>Pinning Boards</u></b>                                 |      |          |      |        |
| 14                      | Wall mounted   | No   | 8        |      | -      |
|                         | <b><u>Chalked Boards</u></b>                                 |      |          |      |        |
| 15                      | Wall mounted   | No   | 8        |      | -      |
| Carried to Bill Summary |  |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 6  
Ironmongery  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 6 SUMMARY

|                            |  |   |   |
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## BUILDING WORK

Section No. 3 Building Work  
Bill No. 7  
Metalwork  
Spring Haven Primary School



DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| BUILDING WORK              |   | Unit | Quantity | Rate | Amount |
|----------------------------|---|------|----------|------|--------|
| Item No.                   |   |      |          |      |        |
|                            | <b><u>SECTION NO. 3</u></b>   |      |          |      |        |
|                            | <b><u>BILL NO. 8</u></b>  |      |          |      |        |
|                            | <b><u>PLASTERING</u></b>  |      |          |      |        |
|                            | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached. |      |          |      |        |
|                            | <b><u>SCREEDS</u></b>   |      |          |      |        |
| 1                          | 30mm Thick screeds steel trowelled on concrete floors. ( Provisional)   | m2   | 1 410    |      | -      |
|                            | <b><u>INTERNAL PLASTER</u></b>  |      |          |      |        |
|                            | <b><u>One coat cement plaster steel trowelled on brickwork.</u></b>   |      |          |      |        |
| 2                          | On walls. (Provisional)   | m2   | 1 562    |      | -      |
| 3                          | On narrow widths. ( Provisional)  | m2   | 45       |      | -      |
| Carried to Section Summary |   |      |          |      |        |
|                            |   |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 8  
Plasterwork  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| BUILDING WORK                  |  | Unit | Quantity | Rate     | Amount |
|--------------------------------|--|------|----------|----------|--------|
| Item No.                       | <b><u>SECTION NO. 3</u></b>  |      |          |          |        |
|                                | <b><u>BILL NO. 9</u></b>   |      |          |          |        |
|                                | <b><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></b>  |      |          |          |        |
|                                | <b><u>PREAMBLES</u></b>  |      |          |          |        |
|                                | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.  |      |          |          |        |
|                                | <b><u>SANITARY PLUMBING</u></b>  |      |          |          |        |
|                                | <b><u>Unplasticised polyvinyl chloride (uPVC) pipes:</u></b>   |      |          |          |        |
| 1                              | 50mm Pipes fixed to walls, etc.  | m    | 50       |          | -      |
| 2                              | 110mm Pipes fixed to walls, etc.   | m    | 25       |          | -      |
|                                | <b><u>Extra over uPVC pipes for:</u></b>   |      |          |          |        |
| 3                              | 50mm Bend.   | No   | 16       |          | -      |
| 4                              | 110mm Bend.  | No   | 15       |          | -      |
| 5                              | 110mm Junction.  | No   | 1        |          | -      |
| 6                              | 50mm Access bend.  | No   | 4        |          | -      |
| 7                              | 50mm Access junction.  | No   | 8        |          | -      |
| 8                              | 110mm Access junction.   | No   | 1        |          | -      |
| 9                              | 110mm Access reducing junction.  | No   | 1        |          | -      |
| 10                             | 110mm Access rodding eye.  | No   | 1        |          | -      |
| 11                             | 50mm P-trap.   | No   | 14       |          | -      |
| 12                             | 110mm Two-way vent valve.  | No   | 14       |          | -      |
|                                | <b><u>Testing:</u></b>   |      |          |          |        |
| 13                             | Allow for testing sanitary plumbing system.  | Item | 1        |          | -      |
|                                | <b><u>WATER SUPPLIES</u></b>   |      |          |          |        |
|                                | <b><u>Internal water supplies:</u></b>   |      |          |          |        |
|                                | Prices for all piping laid in ground, inspection chambers, etc. shall include for excavations, keeping free of water, distributing surplus material on site (carting away has been separately measured) and backfilling in selected material (imported fill where required will be separately measured). |      |          |          |        |
|                                | Holes, chases, etc., are deemed to be included in the descriptions of the pipework.  |      |          |          |        |
|                                | <b><u>Class O copper pipes:</u></b>  |      |          |          |        |
| 14                             | 15mm Pipes fixed to walls, etc.  | m    | 30       |          | -      |
| <b>Carried to Bill Summary</b> |  |      |          | <b>R</b> | -      |

Section No. 3 Building Work  
Bill No. 9

Plumbing and Drainage

Spring Haven Primary School

**DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL**

| Item No.                       |  | Unit | Quantity | Rate | Amount |
|--------------------------------|--|------|----------|------|--------|
| 15                             | 22mm Pipes fixed to walls, etc.  | m    | 65       |      | -      |
| 16                             | Ditto, but 28mm pipes.   | m    | 35       |      | -      |
|                                | <b><u>Extra over class O copper pipes for brass capillary fittings:</u></b>  |      |          |      |        |
| 17                             | 15mm Pipe fittings.  | No   | 26       |      | -      |
| 18                             | 22mm Pipe fittings.  | No   | 15       |      | -      |
| 19                             | 28mm Pipe fittings.  | No   | 12       |      | -      |
|                                | <b><u>Testing:</u></b>   |      |          |      |        |
| 20                             | Allow for testing water supply system.   | Item | 1        |      | -      |
|                                | <b><u>SANITARY FITTINGS</u></b>  |      |          |      |        |
|                                | together with loose ancillary fittings supplied therewith, including   |      |          |      |        |
|                                | <b>"Charlog"</b>   |      |          |      |        |
| 21                             | "Charlog 200" or similar approved VIP pit size 370 x 480mm pedestal and seat cover with flap fixed to floors   | No   |          |      | -      |
| 22                             | "Charlog Christy" wall hung basin or similar approved, size 570 x 419 x 170mm high , with stopper to one taphole and fixed to wall.                        | No   |          |      | -      |
| 23                             | Charlog Bowl Urinal ' or similar aproved size 350 x 320 x 490mm high hunged to wall including brackets.  | No   |          |      | -      |
|                                | <b><u>TAPS, VALVES, ETC.</u></b>   |      |          |      |        |
|                                | <b><u>'Cobra-Watertech':</u></b>   |      |          |      |        |
| 24                             | 15mm 'Star 111-CP' raised nose pillartap.  | No   | 6        |      | -      |
| 25                             | 15mm Type '1090 Ball-o-flo' ballcock.  | No   | 6        |      | -      |
|                                | <b><u>WASTE UNIONS, TRAPS, ETC.</u></b>  |      |          |      |        |
|                                | <b><u>'Marley':</u></b>  |      |          |      |        |
| 26                             | 32 x 40mm 'Flexitrap' butyl rubber deep seal 'P' or 'S' trap jointed to waste outlet fitting and to PVC pipe including coupling clamps, etc.               | No   | 6        |      | -      |
|                                | <b><u>Floor drains, etc:</u></b>   |      |          |      |        |
| 27                             | 'Herbish HB 200 V (H) NW 100' stainless steel grade 304 floor drain with vertical bottom outlet size 240 x 240 x 210mm deep fitted and connected complete. | No   | 1        |      | -      |
| <b>Carried to Bill Summary</b> |  |      |          |      |        |
|                                |  |      |          |      | R      |
|                                |  |      |          |      | -      |

Section No. 3 Building Work  
Bill No. 9  
Plumbing and Drainage  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 9 SUMMARY

|                            |   |   |
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| Page 58                    | R | - |
| Page 59                    | R | - |
| Carried to Section Summary | R | - |
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DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| BUILDING WORK              |   | Unit | Quantity | Rate | Amount |
|----------------------------|---|------|----------|------|--------|
| Item No.                   |   |      |          |      |        |
|                            | <b><u>SECTION NO. 3</u></b>   |      |          |      |        |
|                            | <b><u>BILL NO. 10</u></b>   |      |          |      |        |
|                            | <b><u>GLAZING</u></b>   |      |          |      |        |
|                            | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|                            | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.   |      |          |      |        |
|                            | <b><u>GLAZING TO STEEL WITH PUTTY</u></b>   |      |          |      |        |
|                            | <b><u>4mm Opaque float glass:</u></b>   |      |          |      |        |
| 1                          | Panes exceeding 0,1m2 and not exceeding 0,5m2.  | m2   | 130      |      | -      |
|                            | <b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></b>   |      |          |      |        |
|                            | <b><u>6mm 'GG' quality polished silvered float glass copper backed mirrors with polished edges holed for and fixed with round rose chromium plated mirror screws with rubber buffers to plugs in brickwork or concrete:</u></b> |      |          |      |        |
| 2                          | Mirror 450 x 600mm high with four screws.   | No   | 5        |      | -      |
| Carried to Section Summary |   |      |          |      |        |
|                            |   |      |          |      | R -    |

Section No. 3 Building Work  
Bill No. 10  
Glazing  
Spring Haven Primary School

## BUILDING WORK

Section No. 3 Building Work  
Bill No. 11  
Paintwork  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                |   | Unit | Quantity | Rate | Amount |
|-------------------------|---|------|----------|------|--------|
|                         | <u>Prepare and apply one coat pink wood primer, stop and apply two finishing coats of non-drip semi-gloss polyurethane enamel on:</u>                                 |      |          |      |        |
| 10                      | Interior doors.   | m2   | 40       |      | -      |
|                         | <u>ON FIBRE-CEMENT</u>  |      |          |      |        |
|                         | <u>Prepare and apply one coat zinc chromate to nail heads and H-spline strips, one universal undercoat, stop and apply two finishing coats of eggshell enamel on:</u> |      |          |      |        |
| 11                      | General surfaces of ceilings.   | m2   | 2 820    |      | -      |
| 12                      | Fascias, bargeboards, etc.  | m2   | 240      |      | -      |
|                         | <u>PLASTERBOARD</u>   |      |          |      |        |
|                         | <u>Prepare, prime nail heads and strips with zinc chromate primer, one universal undercoat and two finishing coats of semi-gloss PVA on:</u>                          |      |          |      |        |
| 13                      | General surfaces of ceilings.   | m2   | 2 820    |      | -      |
| Carried to Bill Summary |   |      |          |      | R -    |

Section No. 3 Building Work  
Bill No. 11  
Paintwork  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 11 SUMMARY

|                            |   |     |
|----------------------------|---|-----|
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| Page 63                    | R | -   |
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**BUILDING WORK**

| Item No. |   | Unit | Quantity | Rate | Amount |
|----------|---|------|----------|------|--------|
|          | <b><u>SECTION 3</u></b>   |      |          |      |        |
|          | <b><u>BILL NO. 12</u></b>   |      |          |      |        |
|          | <b><u>ELECTRICAL WORK</u></b>   |      |          |      |        |
|          | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|          | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.   |      |          |      |        |
|          | <b><u>DISCONNECTION/ REMOVAL OF REDUNDANT ELECTRICAL EQUIPMENT</u></b>  |      |          |      |        |
|          | <b><u>The following equipment shall be isolated, disconnected, removed and handed over to the Employer:</u></b>   |      |          |      |        |
| 1        | Decommissioning of existing electrical installations and existing distribution board.   | sum  | 1        |      | -      |
|          | <b><u>LV SWITCHGEAR</u></b>   |      |          |      |        |
|          | <b><u>MCCs, DBs and LV Switchgear</u></b>   |      |          |      |        |
|          | <b><u>Manufacture, deliver to site, install, commission, test and tuning of distribution board as per specification and single line diagram. Rates to include for 3CR12 steelwork and powder coated, busbars and drilling, busbar connections internal wiring etc. Refer to attached single line diagram. Colour shall be as per single line diagram / drawings.</u></b>  |      |          |      |        |
| 2        | DB - 1 & 2  | no.  | 2        |      | -      |
| 3        | DB - A - At the Administration building.<br>Main breaker - 63A, 2p isolator, 2pole surge arrestor, 8x10A circuit breaker, 3x63A earth leakage, 12x20A circuit breakers, 1x5A circuit breaker with contractor linked with photo-cell, all breakers shall be 6kA. Busbar to be designed for 6kA. distribution board shall be complete with wiring / conductors. DB shall be surface mounted, material 3CR12, powder coated to white, with door, and main breaker to protrude. | no.  | 1        |      | -      |
|          | <b><u>CABLES</u></b>  |      |          |      |        |
|          | <b><u>Supply, deliver to site and store cables as specified. Install, rack, strap and testing of cables as per specification including clamps, ties and cable numbering system</u></b>  |      |          |      |        |
| 4        | 2,5mm conductors (mixed colours - live, neutral and earth)  | m    | 1230     |      | -      |
| 5        | 4,0 mm² 2c 600/1000V PVC/SWA/PVC ECC Cu Cable   | m    | 96       |      | -      |
| 6        | 16mm² 2c 600/1000V PVC/SWA/PVC ECC Cu Cable (welding sockets)   | m    | 335      |      | -      |
|          | <b>Carried to Bill Summary</b>  |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 12  
Electrical Work  
Spring Haven Primary School

**DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL**

## CABLE TERMINATIONS

Termination of cables shall include supply installation and testing of the IP65 glands with corrosion guard, making-off the cable, lugs, and fitting the gland to the board gland plate, switchgear or equipment and final connection of cable tails into board or terminals. Include for Reducing Glands and shrouds where applicable. NB: IP65 Glands are to be used

|   |   |     |    |   |
|---|---|-----|----|---|
| 7 | 4,0 mm² 2c 600/1000V PVC/SWA/PVC ECC Cu Cable | no. | 24 | - |
| 8 | 16 mm² 2c 600/1000V PVC/SWA/PVC ECC Cu Cable  | no. | 45 | - |

## EXCAVATIONS

**Trenching shall be calculated using the formula below: (0.7m deep \* 0.3m wide \* length)**

|    |   |    |    |   |
|----|---|----|----|---|
| 9  | Excavate in soft rock, backfilling and compaction to 93% MOD<br>AASHTO                                | m3 | 75 | - |
| 10 | Re-instate excavated tar soil and make good. Rates to allow for all<br>required materials and labour. | m3 | 75 | - |

## Sleeves

**Supply and install the following underground flexible conduits in concrete slab, ground, chased through brick walls. All material to be SABS approved as suitable for cable installation. Must be black in colour.**

|    |  |   |     |   |
|----|--|---|-----|---|
| 11 | 110mm UPVC Flexible sleeves                  | m | 35  | - |
| 12 | 75mm UPVC Flexible sleeves                   | m | 320 | - |
| 13 | 1.5mm <sup>2</sup> draw wire (not insulated) | m | 332 | - |

### SUPPLY AND INSTALL PVC CONDUIT

Supply and install the following PVC conduits in concrete slab, chased through brick walls and surface mounted to pvc boxes. Conduits are to include ends and all necessary conduits accessories. All material to be SABS approved and be suitable for conductors installation.

|    |  |     |     |   |
|----|--|-----|-----|---|
| 14 | 20mm pvc   | m   | 350 | - |
| 15 | 25mm pvc   | m   | 40  | - |
| 16 | 32mm pvc   | m   | 44  | - |
| 17 | 65 mm diameter/round PVC box, complete with cover and all necessary accessories.   | sum | 1   | - |
| 18 | 32mm Bosal Conduit including all necessary accessories. Rate to include chasing conduit in the wall/floor and close & make good. | m   | 32  | - |

### Carried to Bill Summary

R -

Section No. 3 Building Work  
Bill No. 12  
Electrical Work  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No. |  | Unit | Quantity | Rate     | Amount   |
|----------|--|------|----------|----------|----------|
|          | <b><u>ACCESSORIES</u></b>  |      |          |          |          |
|          | <b><u>Supply, deliver and installation of the following accessories. Rate must allow for the termination and connecting of the PVC conductor to the accessory, fixing to the conduit box and the fitting of the cover plate. All accessories to be steel white cover:-</u></b> |      |          |          |          |
| 19       | Supply and installation of 15Amp, 1 lever, 1-way, white coloured, light circuit switch complete with cover and all accessories   | no.  | 28       |          | -        |
| 20       | Supply and installation of weather-proof 15Amp, 1 lever, 1-way, white coloured, light circuit switch complete with cover and all accessories   | no.  | 20       |          | -        |
| 21       | Supply, deliver and installation of surface mounted 230V, 20A, 1-pole IP65 rated Isolator, white coloured, complete with all necessary accessories   | no.  | 26       |          | -        |
| 22       | Labelling of light switches, sockets and isolators outlets, cables pop riveted to cover plate or similar as per drawing  | sum  | 1        |          | -        |
|          | <b><u>SUNDRIES</u></b>   |      |          |          |          |
|          | <b><u>Signs, Labels &amp; Equipment Tags</u></b>   |      |          |          |          |
| 23       | Supply and install all power, lighting, motors and earthing signs, labels and equipment tags as specified and in accordance with all Statutory requirements.   | sum  | 1        |          | -        |
| 24       | Earthing and Bonding of all electrically connected Equipment and cable racking and supports as per Spec & regulations.   | sum  | 1        |          | -        |
| 25       | Danger tape  | m    | 90       |          | -        |
| 26       | Casting of cable protection sleeves with 20Mpa Concrete<br>Supply, deliver, casting of concrete for cable ducting from kiosk / from Administration block to ablutions  | m3   | 65       |          | -        |
|          | <b><u>LUMINAIRES AND SMALL POWER</u></b>   |      |          |          |          |
|          | <b><u>Supply, deliver, accept and store the following luminaires, complete with lamps and control gear which are to be as specified.</u></b>   |      |          |          |          |
| 27       | Type A - IP65 Rated, 40W / 46W LED Surface-mounted weather-proof fluorescent luminaire, GRP body and acrylic diffuser  | no.  | 20       |          | -        |
| 28       | Type B - IP65 Rated high-pressure die cast aluminium base and trim ring 20W LED bulkhead luminaire with an opal high-impact acrylic diffuser.  | no.  | 24       |          | -        |
| 29       | Type C - 75W LED Floodlight, rated IP65 complete with mounting accessories and as per specification  | no.  | 26       |          | -        |
| 30       | Photocell as per specification   | no.  | 26       |          | -        |
|          | <b>Carried to Bill Summary</b>   |      |          | <b>R</b> | <b>-</b> |

Section No. 3 Building Work  
Bill No. 12  
Electrical Work  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                |  | Unit | Quantity | Rate | Amount |
|-------------------------|--|------|----------|------|--------|
|                         | <b><u>TEST AND COMMISSIONING</u></b>   |      |          |      |        |
|                         | <b><u>Test and commission the complete electrical installation including completion of quality checksheets, Compliance Certificates &amp; test results and submitting them to the Employer's Representative.</u></b>   |      |          |      |        |
| 31                      | Test and Commission the complete electrical installation including Certificates & test results & COC to the Engineer.  | sum  | 1        |      | -      |
|                         | As Built Drawings and manuals  | sum  | 1        |      | -      |
|                         | <b><u>EARTHING &amp; BONDING &amp; LIGHTNING PROTECTION</u></b>  |      |          |      |        |
|                         | <b>Soil Resistivity Test</b><br>Allow for the execution of a soil resistivity survey. (This installation must be undertaken by a specialist Sub-contractor).<br>A 1 Ohm Final Earth Resistance is required.  |      |          |      |        |
|                         | <b>Electrical Earthing Conductors</b><br>Supply, deliver to site and store 1000/600 volt PVC insulated (green/yellow) cables with stranded copper conductors. Install, rack, strap and testing of cables as per specification including clamps, ties and cable numbering system as specified. Rates to include all necessary accessories for a complete installation |      |          |      |        |
| 32                      | 70mm <sup>2</sup> Copper Earth Wire  | m    | 35       |      | -      |
|                         | <b><u>Earthing Conductor Terminations</u></b>  |      |          |      |        |
| 33                      | 70mm <sup>2</sup> Aluminium conductor  | m    | 172      |      | -      |
| 34                      | Test box - 100mm x 100mm x 50mm surface mounted PVC draw box complete with cover plate   | No.  | 36       |      | -      |
| 35                      | 25mm PVC conduit complete with mounting accessories  | m    | 92       |      | -      |
| 36                      | Earth Rods<br>16mm dia. 1800mm long copper earth electrodes, as specified, driven into ground.   | No.  | 24       |      | -      |
| 37                      | Test and commission the complete electrical earthing and lightning protection installation including Certificates & test results to the Engineer.  | sum  | 1        |      | -      |
| Carried to Bill Summary |  |      |          | R    | -      |

Section No. 3 Building Work  
Bill No. 12  
Electrical Work  
Spring Haven Primary School

SECTION NO. 3 BILL NO. 12 SUMMARY

|                            |   |     |
|----------------------------|---|-----|
| Page 65                    | R | -   |
| Page 66                    | R | -   |
| Page 67                    | R | -   |
| Page 68                    | R | -   |
| Carried to Section Summary |   | R - |

## Bill No. SECTION NO.3 SUMMARY

Amount

|    |   |      |    |   |   |
|----|---|------|----|---|---|
| 1  | Masonry                                     | Page | 46 | R | - |
| 2  | Waterproofing                               | Page | 47 | R | - |
| 3  | Roof Coverings                              | Page | 48 | R | - |
| 4  | Carpentry and Joinery                       | Page | 51 | R | - |
| 5  | Ceilings, Partitioning, and Access Flooring | Page | 52 | R | - |
| 6  | Ironmongery                                 | Page | 55 | R | - |
| 7  | Metalwork                                   | Page | 56 | R | - |
| 8  | Plastering                                  | Page | 57 | R | - |
| 9  | Plumbing and Drainage                       | Page | 60 | R | - |
| 10 | Glazing                                     | Page | 61 | R | - |
| 11 | Paintwork                                   | Page | 64 | R | - |
| 12 | Electrical Work                             | Page | 69 | R | - |

Carried to Final Summary

R

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Section No. 3

Building Work  
Spring Haven Primary School

## EXTERNAL WORKS

Section No. 4 External Works  
Bill No. 1  
Walkways  
Spring Haven Primary School

**DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL**

Section No. 4 External Works  
Bill No. 1  
Walkways  
Spring Haven Primary School



DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                |   | Unit | Quantity | Rate | Amount |
|-------------------------|---|------|----------|------|--------|
|                         | <b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>  |      |          |      |        |
|                         | <b><u>One layer of 250 micron USB Green waterproof sheeting complying with SABS 952 Type C sealed at laps with Pressure Sensitive Tape:</u></b> |      |          |      |        |
| 16                      | Under surface beds.   | m2   | 125      |      | -      |
|                         | <b><u>JOINT SEALANTS ETC.</u></b>   |      |          |      |        |
|                         | <b><u>Two part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc:</u></b>                                    |      |          |      |        |
| 17                      | 10mm Expansion Joints not exceeding 300mm high with 10mm soft board and polysulphide or similar approved sealant                                | m    | 65       |      | -      |
|                         | 10mm jointex or similar approved on apron and wall intersections not exceeding 300mm high complete with 15mm x 10mm polyurethane joint sealer.  | m    | 65       |      | -      |
|                         | <b><u>GRANOLITHIC</u></b>   |      |          |      |        |
|                         | <b><u>Unitinted granolithic on concrete:</u></b>  |      |          |      |        |
| 18                      | 30mm Thick on floors and landings.  | m2   | 125      |      | -      |
| Carried to Bill Summary |   |      |          |      |        |
|                         |   |      |          |      | R -    |

Section No. 4 External Works  
Bill No. 1  
Walkways  
Spring Haven Primary School

WALKWAYS

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

SECTION NO. 4 BILL NO. 1 SUMMARY

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| Page 72                    | R | -   |
| Page 73                    | R | -   |
| Carried to Section Summary |   | R - |

Section No. 4 External Works  
Bill No. 1  
Walkways  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

EXTERNAL WORKS

| Item No.                |   | Unit | Quantity | Rate | Amount |
|-------------------------|---|------|----------|------|--------|
|                         | <b><u>SECTION NO. 4</u></b>   |      |          |      |        |
|                         | <b><u>BILL NO. 2</u></b>  |      |          |      |        |
|                         | <b><u>STORMWATER DRAINAGE SYSTEM</u></b><br><b><u>(PROVISIONAL)</u></b>   |      |          |      |        |
|                         | <b><u>PREAMBLES</u></b>   |      |          |      |        |
|                         | The Tenderer is referred to the relevant Clauses in the separate Standard Preambles of Trades hereunder attached.   |      |          |      |        |
|                         | <b><u>IN SITU CONCRETE CHANNELS FINISHED SMOOTH OFF THE MOULDS :</u></b>  |      |          |      |        |
|                         | <b><u>25Mpa/19mm Reinforced concrete</u></b>  |      |          |      |        |
| 1                       | V Shaped stormwater channel 900 x 300mm thick at sides including steel trowel topping with Ref193 cast into concrete at 1500mm lengths with construction joint in between, channel complete including preparing ground to receive channel, angles, intersections , formwork , etc   | m    | 140      |      | -      |
| 2                       | Extra over stormwater channels for dressing channels into sumps, discharge point and catchpit   | No   | 2        |      | -      |
|                         | <b><u>STORMWATER DRAINAGE</u></b>   |      |          |      |        |
| 3                       | Extra over stormwater channels for dressing channels into sumps and catchpit  | No   | 2        |      | -      |
|                         | <b><u>Class12 uPVC pipes:</u></b>   |      |          |      |        |
| 4                       | 110mm Pipes laid in and including trenches not exceeding 1m deep.   | m    | 20       |      | -      |
| 5                       | 160mm Pipes laid in and including trenches not exceeding 1m deep.   | m    | 20       |      | -      |
|                         | <b><u>Excavate and build grid inlet, size 450 x 450mm internally, with one brick sides in extra hard burned bricks finished with one coat internal plaster on and including 150mm thick reinforced concrete 20MPa/19mm stone bottom with ref no 311 mesh reinforcement fitted with cast iron grating and frame (elsewhere measured) with smooth finish on exposed faces and with the bottoms benched up in 15MPa/8mm stone finished smooth in 1:1 cement plaster around channels:</u></b> |      |          |      |        |
| 6                       | Grid inlet exceeding 1 and not exceeding 2m deep to invert.   | No   | 1        |      | -      |
|                         | <b><u>Gratings, etc:</u></b>  |      |          |      |        |
| 7                       | 450 x 450mm "Saint-Gobain Product No 2946 cast iron dished grating and frame.   | No   | 1        |      | -      |
| Carried to Bill Summary |   |      |          |      |        |
|                         |   |      |          | R    | -      |

Section No. 4 External Works  
Bill No. 2  
Stormwater Drainage System  
Spring Haven Primary School

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

| Item No.                       |   | Unit | Quantity | Rate     | Amount |
|--------------------------------|---|------|----------|----------|--------|
|                                | <b><u>Spill basin:</u></b>  |      |          |          |        |
| 8                              | Triangular shaped concrete spill basin, size 1,08m at head , 2,44m at base end and 1,21m along the sides, formed of 200mm thick concrete bottom with concrete upstand, size 200 x 200mm high along two sides and 200 x 200mm footing along base end, including all necessary excavation, formwork and backfilling, the top of the base inlaid with eleven hard burnt clay bricks protruding 55mm above the surface of the concrete and loose stones of 150 to 200mm diameter placed at the base of the spill basin for a width of 500mm.  | No   | 1        |          | -      |
|                                | <b><u>TANKS, ETC.</u></b>   |      |          |          |        |
|                                | <b><u>'Jo-Jo':</u></b>  |      |          |          |        |
| 9                              | 5 000 Litre water storage tank, size approximately 1800mm diameter x 2040mm high.   | No   | 2        |          | -      |
|                                | <b><u>TAPS, VALVES, ETC.</u></b>  |      |          |          |        |
|                                | <b><u>'Cobra-Watertech':</u></b>  |      |          |          |        |
| 10                             | 20mm Type '108 RB' hose bibtap with hose union.   | No   | 6        |          | -      |
| 11                             | 20mm Type '1090 Ball-o-flo' ballcock.   | No   | 4        |          | -      |
| 12                             | 40mm Type '1090 Ball-o-flo' ballcock.   | No   | 4        |          | -      |
|                                | <b><u>Miscellaneous:</u></b>  |      |          |          |        |
| 13                             | Drinking fountain comprising 100 x 50 x 11mm hot dipped double spelter galvanised mild steel channel section frame 7,7m long with two mitred and welded corners, two 200 x 200 x 4mm base plates cast into and including 300 x 300 x 300mm 20MPa/19mm mass concrete footings, including excavation, 100mm thick 20MPa/19mm mass concrete slab, 2,25m long x 1m wide graded to falls to outlet with wood floated finish and fitted with and including 20mm galvanised mild steel pipe 2,3m long, including three bends, three tees, three bushes, and three 15mm "Cobra Star 111" chromium plated pillar taps, one 20mm brass in-line strainer with stainless steel double mesh strainer basket, one 20mm Class 8 brass fullway gate valve with non-rising spindle and guided wedge and one 20mm brass hose bib tap with lockshield, loose key and hose union, all as Detail DT88. | No   | 1        |          | -      |
|                                | <b><u>WATER TANK STANDS</u></b>   |      |          |          |        |
|                                | <b><u>EARTHWORK</u></b>   |      |          |          |        |
|                                | <b><u>EXCAVATION</u></b>  |      |          |          |        |
| 14                             | Excavate in earth for trenches  | m3   | 10       |          | -      |
| 15                             | Earth filling compacted to 93% Mod AASHTO under bases   | m3   | 6        |          | -      |
| 16                             | 50mm thick river sand bedding   | m3   | 4        |          | -      |
|                                | <b><u>CONCRETE, FORMWORK, REINFORCING</u></b>   |      |          |          |        |
|                                | <b><u>20 MPa/19mm Concrete:</u></b>   |      |          |          |        |
| 17                             | Strip footings  | m3   | 3        |          | -      |
| <b>Carried to Bill Summary</b> |   |      |          | <b>R</b> | -      |

Section No. 4 External Works  
Bill No. 2  
Stormwater Drainage System  
Spring Haven Primary School

**DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL**

Section No. 4 External Works  
Bill No. 2  
Stormwater Drainage System  
Spring Haven Primary School

SECTION NO. 4 BILL NO. 1 SUMMARY

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|----------------------------|---|---|
| Page 75                    | R | - |
| Page 76                    | R | - |
| Page 77                    | R | - |
| Carried to Section Summary |   | R |
|                            |   | - |

## EXTERNAL WORKS

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
SPRING HAVEN PRIMARY SCHOOL

## Bill No. SECTION NO.3 SUMMARY

|   |               |
|---|---------------|
| 1 | Walkways      |
| 2 | Waterproofing |

|      |
|------|
| Page |
| Page |

|    |
|----|
| 74 |
| 78 |

|   |
|---|
| R |
| R |

## Amount

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|---|
| - |
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Carried to Final Summary

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| - |
|---|

Section No. 4

External Works  
Spring Haven Primary School

PROVISIONAL SUMS

DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
ESIMOZOMENI PRIMARY SCHOOL

| Item No.  | Unit | Quantity | Rate         | Amount       |
|---|------|----------|--------------|--------------|
| <b><u>SECTION NO. 4</u></b>   |      |          |              |              |
| <b><u>BILL NO. 3</u></b>  |      |          |              |              |
| <b><u>PROVISIONAL SUMS</u></b>  |      |          |              |              |
| <b><u>(PROVISIONAL)</u></b>   |      |          |              |              |
| <b><u>Community Liason Officer</u></b>  |      |          |              |              |
| Provide an amount of R100 000.00 (Eighty Thousand Rand) nett for Community Liason Officer's Salary to be omitted in part or whole as instructed by Principal Agent (R10 000 per month)                    | Item | 1        | 100 000,00   | 100 000,00   |
| Add for profit upon above, if required.   | Item |          |              |              |
| Attend upon the above, if required.   | Item |          |              |              |
| <b><u>Supply of Cupboards</u></b>   |      |          |              |              |
| Allow a budgetary amount of R400 000.00 (Four Hundred Thousand Rand) for the provision of cupboards   | Item | 1        | 400 000,00   | 400 000,00   |
| Allow for profit  | Item |          |              |              |
| Allow for attendance  | Item |          |              |              |
| <b><u>Sundry building work</u></b>  |      |          |              |              |
| Provide the sum of R 140 000.00 (One and Forty Thousand Rand) for Sundries  | Item | 1        | 140 000,00   | 140 000,00   |
| Allow for profit  | Item |          |              |              |
| Allow for attendance  | Item |          |              |              |
| <b><u>Underpinning the building</u></b>   |      |          |              |              |
| Provide the sum of R 4 000 000.00(Four million Rands) for underpinning of Buildings   | Item | 1        | 4 000 000,00 | 4 000 000,00 |
| Allow for profit  | Item |          |              |              |
| Allow for attendance  | Item |          |              |              |
| <b>MINIMUM TARGETED ENTERPRISE DEVELOPMENT</b>  |      |          |              |              |
| A provisional amount has been allowed for in the execution of this project as described in C3.1 Project Specifications.   | PS   |          | 308 309.61   | 308 309.61   |
| The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises including monitoring and monthly reporting. |      |          |              |              |
| Allowance for profit all inclusive of associated costs to the contractor for implementation.  | %    |          |              |              |
| Allowance for attendance all inclusive of associated costs to   | %    |          |              |              |
| <b>Carried to Final Summary</b>   |      |          | R            | -            |



DEVELOPMENT BANK OF SOUTHERN AFRICA  
ASBESTOS REPLACEMENT PROGRAM  
ESIMOZOMENI PRIMARY SCHOOL

| FINAL SUMMARY             |                  |      |    |   | Amount |
|---------------------------|------------------|------|----|---|--------|
| 1                         | Preliminaries    | Page | 34 | R | -      |
| 2                         | Foundations      | Page | 43 | R | -      |
| 3                         | Building Work    | Page | 70 | R | -      |
| 4                         | External Work    | Page | 79 | R | -      |
| 5                         | Provisional Sums | Page | 80 | R | -      |
| Sub-Total                 |                  |      |    |   | -      |
| Add 5% Contingencies      |                  |      |    |   | -      |
| Subtotal                  |                  |      |    |   | -      |
| Add15% VAT                |                  |      |    |   | -      |
| Carried to Form of Tender |                  |      |    |   | R -    |