

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>SECTION 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u> The agreement shall be the Principal Building Agreement prepared and published by the Joint Building Contracts Committee: Edition 4.1 Code 2101, March 2005. (The JBCC Series 2000 Principal Building Agreement).</p> <p><u>PRELIMINARIES</u> The preliminaries shall be the Preliminaries prepared and published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement: Code 2103, May 2005. (The JBCC Series 2000 Preliminaries).</p> <p>PRICING OF PRELIMINARIES 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>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</p> <p>DEFINITIONS</p> <p>A1.0 DEFINITIONS AND INTERPRETATION Clause 1.0 Clause 1.1 Definition of "Commencement Date" is added:</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>				
	Carried Forward				

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	<p>Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following:</p> <p>CONSTRUCTION PERIOD means the period commencing on the commencement date and ending on the date of practical completion</p> <p>Clause 1.1 Definition of "Corrupt Practice" is added:</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>Clause 1.1 Definition of "Fraudulent Practice" is added:</p> <p>FRAUDULENT PRACTICE means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition</p> <p>Clause 1.1 Definition of "Interest" is amended by replacing it with the following:</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 Public 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>Clause 1.1 Definition of "Security" is amended by replacing it with the following:</p> <p>SECURITY means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss</p>				
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	Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"				
	Clause 1.6.4 is amended by replacing it with the following:				
1	No clause Fixed: _____ Value related: _____ Time related: _____	Item	1	R -	
	OBJECTIVE AND PREPARATION				
2	A2.0 OFFER, ACCEPTANCE AND PERFORMANCE Clause 2.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
3	A3.0 DOCUMENTS Clause 3.0 Clause 3.2.1 is amended by replacing "14.1" with "14.0" Clause 3.7 is amended by the addition of the following: The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer" Fixed: _____ Value related: _____ Time related: _____	Item	1		
4	A4.0 DESIGN RESPONSIBILITY Clause 4.0 Clause 4.3 is amended by replacing it with the following: No clause Fixed: _____ Value related: _____ Time related: _____	Item			
5	A5.0 EMPLOYER'S AGENTS Clause 5.0 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Fixed: _____ Value related: _____ Time related: _____	Item	1		
6	A6.0 SITE REPRESENTATIVE Clause 6.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
7	A7.0 COMPLIANCE WITH REGULATIONS Clause 7.0 Note: A separate clause has been included in Section C : Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
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8	A8.0 WORKS RISK Clause 8.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
9	A9.0 INDEMNITIES Clause 9.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	<p>A10.0 WORKS INSURANCES Clause 10.0 Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works (a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p> <p>(b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works</p> <p>© The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p>10.6 Injury to Persons or loss of or damage to Properties (a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p>				
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	<p>(b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p> <p>© 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</p> <p>(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</p> <p>(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed</p> <p>(f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works</p> <p>10.7 High risk insurance In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:</p>				
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	<p>10.7.1 Damage to the works The contractor shall, from the commencement date of the works until the date of the certificate of practical completion bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary</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 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> <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 contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so</p>				
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10	10.7.4 The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole Fixed:_____ Value related:_____ Time related:_____	Item	1		
11	A11.0 LIABILITY INSURANCES Clause 11.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
12	A12.0 EFFECTING INSURANCES Clause 12.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	A13.0 No clause N/A				
	A14.0 SECURITY Clause 14.0 Clauses 14.1 - 14.8 are amended by replacing them with the following:				
	14.1 In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT)				
	14.1.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)				
	14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor				
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	<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>14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</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 employer's entitlement shall take precedence over his 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>				
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	<p>14.4 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender</p> <p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p> <p>14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT)</p> <p>14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion</p> <p>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8 (A) and 34.8</p> <p>14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both</p>				
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	<p>14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor</p> <p>14.6.3 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)</p> <p>14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both</p> <p>14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.7.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(B)</p> <p>14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor</p> <p>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</p>				
13	<p>14.9 Should the contractor fail to furnish the security in terms of 14.2, the employer, in his sole discretion and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable Fixed: _____ Value related: _____ Time related: _____</p>	Item	1		
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	EXECUTION				
	A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS Clause 15.0 Clause 15.1.1 is amended by replacing it with: No clause Clause 15.1.2 is amended by replacing it with: The security selected in terms of 14.0				
	Clause 15.1 is amended by the addition of the following clause: 15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date				
	Clause 15.2.1 is amended by replacing it with the following clause:				
14	Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4 Fixed:_____ Value related:_____ Time related:_____	Item	1		
15	A16.0 ACCESS TO THE WORKS Clause 16.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
16	A17.0 CONTRACT INSTRUCTIONS Clause 17.0 Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors" Fixed:_____ Value related:_____ Time related:_____	Item	1		
17	A18.0 SETTING OUT OF THE WORKS Clause 18.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
18	A19.0 ASSIGNMENT Clause 19.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
19	A20.0 NOMINATED SUBCONTRACTORS Clause 20.0 Clause 20.1.3 is amended by replacing it with the following: No clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums Fixed:_____ Value related:_____ Time related:_____	Item	1		
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20	A21.0 SELECTED SUBCONTRACTORS Clause 21.0 Clause 21 is amended by replacing it with: No clause Fixed:_____ Value related:_____ Time related:_____	Item	1		
21	A22.0 EMPLOYER'S DIRECT CONTRACTORS Clause 22.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
22	A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS Clause 23.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	COMPLETION				
23	A24.0 PRACTICAL COMPLETION Clause 24.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
24	A25.0 WORKS COMPLETION Clause 25.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
25	A26.0 FINAL COMPLETION Clause 26.0 Clause 26.1.2 is amended by inserting "#" next to 26.1.2 Fixed:_____ Value related:_____ Time related:_____	Item	1		
25	A27.0 LATENT DEFECTS LIABILITY PERIOD Clause 27.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
27	A28.0 SECTIONAL COMPLETION Clause 28.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
28	A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION Clause 29.0 Clause 29.2.5 is amended by replacing it with: No clause Fixed:_____ Value related:_____ Time related:_____	Item	1		
29	A30.0 PENALTY FOR NON-COMPLETION Clause 30.0 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	PAYMENT				
	A31.0 INTERIM PAYMENT TO THE CONTRACTOR Clause 31.0				
	Clause 31.5.2 is amended by replacing "14.7.1" with "14.0"				
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	<p>Clause 31.8 is amended by replacing it with the following two</p> <p>Alternative A 31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>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</p> <p>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</p> <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 as a payment reduction in terms of 14.7 has been selected, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</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>				
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	31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate				
	Clause 31.12 is amended by deleting the following:				
30	Payment shall be subject to the employer giving the contractor a tax invoice for the amount due Fixed: _____ Value related: _____ Time related: _____	Item	1		
31	A32.0 ADJUSTMENT TO THE CONTRACT VALUE Clause 32.0 Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence: "due to no fault of the contractor" Fixed: _____ Value related: _____ Time related: _____	Item	1		
32	A33.0 RECOVERY OF EXPENSE AND LOSS Clause 33.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
33	A34.0 FINAL ACCOUNT AND FINAL PAYMENT Clause 34.0 Clause 34.1 is amended by removing "#" next to 34.1 Clause 34.2 is amended by inserting "#" next to 34.2 Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1" Clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty-one (21) calendar days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due" Fixed: _____ Value related: _____ Time related: _____	Item	1		
34	A35.0 PAYMENT TO OTHER PARTIES Clause 35.0 Fixed: _____ Value related: _____ Time related: _____ CANCELLATION	Item	1		
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35	<p>A36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT Clause 36.0 Clause 36.1 is amended by the addition of the following clauses: 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer"</p> <p>Clause 36.0 is amended by the addition of the following clause:</p> <p>36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed:_____ Value related:_____ Time related:_____</p>	Item	1		
36	<p>A37.0 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE Clause 37.0 Clause 37.3.5 is amended by replacing "ninety (90)" with "one hundred and twenty (120)"</p> <p>Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed:_____ Value related:_____ Time related:_____</p> <p>A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT Clause 38.0 Clause 38.5.4 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 38.0 is amended by the addition of the following clause:</p>	Item	1		
	Carried Forward				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
37	38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed:_____ Value related:_____ Time related:_____	Item	1		
38	A39.0 CANCELLATION - CESSATION OF THE WORKS Clause 39.0 Clause 39.3.5 is amended by the addition of the following at the end of the sentence: "within one hundred and twenty (120) working days of completion of such a report" Fixed:_____ Value related:_____ Time related:_____ DISPUTE A40.0 DISPUTE SETTLEMENT Clause 40.0 Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years" Clause 40.6 is amended by removing the reference to: No clause Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following: Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs SUBSTITUTE PROVISIONS	Item	1		
39	A41.0 STATE CLAUSES Clause 41.0 Fixed:_____ Value related:_____ Time related:_____ CONTRACT VARIABLES	Item	1		
40	A42.0 THE SCHEDULE (DPW-04EC) Clause 42.0 Tenderers are referred to the Contract Data DPW-04(EC) for variables pertaining to this contract Fixed:_____ Value related:_____ Time related:_____ SECTION B: JBCC PRELIMINARIES B1.0 DEFINITIONS AND INTERPRETATION	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
41	B1.1 Definitions and interpretation See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B2.0 DOCUMENTS				
42	B2.1 Checking of documents Fixed:_____ Value related:_____ Time related:_____	Item	1		
43	B2.2 Provisional bills of quantities Fixed:_____ Value related:_____ Time related:_____	Item	1		
44	B2.3 Availability of construction documentation Fixed:_____ Value related:_____ Time related:_____	Item	1		
45	B2.4 Interests of agents Fixed:_____ Value related:_____ Time related:_____	Item	1		
46	B2.5 Priced documents Fixed:_____ Value related:_____ Time related:_____	Item	1		
47	B2.6 Tender submission Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance DPW-07(EC)" Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B3.0 THE SITE				
48	B3.1 Defined works area Fixed:_____ Value related:_____ Time related:_____	Item	1		
49	B3.2 Geotechnical investigation Fixed:_____ Value related:_____ Time related:_____	Item	1		
50	B3.3 Inspection of the site Fixed:_____ Value related:_____ Time related:_____	Item	1		
51	B3.4 Existing premises occupied Fixed:_____ Value related:_____ Time related:_____	Item	1		
52	B3.5 Previous work - dimensional accuracy Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
53	B3.6 Previous work - defects Fixed:_____ Value related:_____ Time related:_____	Item	1		
54	B3.7 Services - known Fixed:_____ Value related:_____ Time related:_____	Item	1		
55	B3.8 Services - unknown Fixed:_____ Value related:_____ Time related:_____	Item	1		
56	B3.9 Protection of trees Fixed:_____ Value related:_____ Time related:_____	Item	1		
57	B3.10 Articles of value Fixed:_____ Value related:_____ Time related:_____	Item	1		
58	B3.11 Inspection of adjoining properties Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B4.0 MANAGEMENT OF CONTRACT				
59	B4.1 Management of the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
60	B4.2 Programme for the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
61	B4.3 Progress meetings Fixed:_____ Value related:_____ Time related:_____	Item	1		
62	B4.4 Technical meetings Fixed:_____ Value related:_____ Time related:_____	Item	1		
63	B4.5 Labour and plant records Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B5.0 SAMPLES, SHOP DRAWINGS AND				
64	B5.1 Samples of materials Fixed:_____ Value related:_____ Time related:_____	Item	1		
65	B5.2 Workmanship samples Fixed:_____ Value related:_____ Time related:_____	Item	1		
66	B5.3 Shop drawings Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
67	B5.4 Compliance with manufacturers' instructions Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B6.0 TEMPORARY WORKS AND PLANT				
68	B6.1 Deposits and fees Fixed:_____ Value related:_____ Time related:_____	Item	1		
69	B6.2 Enclosure of the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
70	B6.3 Advertising Fixed:_____ Value related:_____ Time related:_____	Item	1		
71	B6.4 Plant, equipment, sheds and offices Fixed:_____ Value related:_____ Time related:_____	Item	1		
72	B6.5 Main notice board Fixed:_____ Value related:_____ Time related:_____	Item	1		
73	B6.6 Subcontractors' notice board Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B7.0 TEMPORARY SERVICES				
74	B7.1 Location Fixed:_____ Value related:_____ Time related:_____	Item	1		
74	B7.2 Water Fixed:_____ Value related:_____ Time related:_____	Item	1		
76	B7.3 Electricity Fixed:_____ Value related:_____ Time related:_____	Item	1		
77	B7.4 Telecommunication facilities Fixed:_____ Value related:_____ Time related:_____	Item	1		
78	B7.5 Ablution facilities Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B8.0 PRIME COST AMOUNTS				
79	B8.1 Responsibility for prime cost amounts Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	B9.0 ATTENDANCE ON N/S SUBCONTRACTORS				
80	B9.1 General attendance Fixed:_____ Value related:_____ Time related:_____	Item	1		
81	B9.2 Special attendance Fixed:_____ Value related:_____ Time related:_____	Item	1		
82	B9.3 Commissioning - fuel, water and electricity Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B10.0 FINANCIAL ASPECTS				
83	B10.1 Statutory taxes, duties and levies Fixed:_____ Value related:_____ Time related:_____	Item	1		
84	B10.2 Payment for preliminaries Fixed:_____ Value related:_____ Time related:_____	Item	1		
85	B10.3 Adjustment of preliminaries Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "when submitting his priced bills of quantities / lump sum document" Fixed:_____ Value related:_____ Time related:_____	Item	1		
86	B10.4 Payment certificate cash flow Fixed:_____ Value related:_____ Time related:_____	Item	1		
	B11.0 GENERAL				
87	B11.1 Protection of the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
88	B11.2 Protection / isolation of existing / sectionally occupied works Fixed:_____ Value related:_____ Time related:_____	Item	1		
89	B11.3 Security of the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
90	B11.4 Notice before covering work Fixed:_____ Value related:_____ Time related:_____	Item	1		
91	B11.5 Disturbance Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
92	B11.6 Environmental disturbance Fixed: _____ Value related: _____ Time related: _____	Item	1		
93	B11.7 Works cleaning and clearing Fixed: _____ Value related: _____ Time related: _____	Item	1		
94	B11.8 Vermin Fixed: _____ Value related: _____ Time related: _____	Item	1		
95	B11.9 Overhand work Fixed: _____ Value related: _____ Time related: _____	Item	1		
96	B11.10 Instruction manuals and guarantees Fixed: _____ Value related: _____ Time related: _____	Item	1		
97	B11.11 As built information Fixed: _____ Value related: _____ Time related: _____	Item	1		
98	B11.12 Tenant installations Fixed: _____ Value related: _____ Time related: _____	Item	1		
	B12.0 SCHEDULE OF VARIABLES				
99	B12.1 Schedule of variables Fixed: _____ Value related: _____ Time related: _____	Item	1		
	<p>This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries</p> <p>Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets</p> <p>12.1 PRE-TENDER INFORMATION 12.1.1 Provisional bills of quantities [2.2] The quantities are provisional</p> <p>12.1.2 Availability of construction documentation [2.3] Construction documentation is complete</p> <p>12.1.3 Interests of agents [2.4] Details:</p> <p>12.1.4 Defined works area [3.1] Details:</p>				
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	<p>12.1.5 Geotechnical investigation [3.2] Details:</p> <p>12.1.6 Existing premises occupied [3.4] Specific requirements:</p> <p>12.1.7 Previous work - dimensional accuracy [3.5] Details:</p> <p>12.1.8 Previous work - defects [3.6] Details:</p> <p>12.1.9 Services - known [3.7] Details:</p> <p>12.1.10 Protection of trees [3.9] Specific requirements:</p> <p>12.1.11 Inspection of adjoining properties [3.11] Specific requirements:</p> <p>12.1.12 Enclosure of the works [6.2] Specific requirements:</p> <p>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</p> <p>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</p> <p>12.1.15 Subcontractors' notice board [6.6] A notice board is required</p> <p>12.1.16 Water [7.2] Option A (by contractor) YES/NO Option C (by employer - metered) YES/NO</p>				
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	<p>12.1.17 Electricity [7.3] Option A (by contractor) YES/NO Option C (by employer - metered) YES/NO</p> <p>12.1.18 Telecommunications [7.4] Telephone YES/NO Facsimile YES/NO E-mail YES/NO</p> <p>12.1.19 Ablution facilities [7.5] Option A (by contractor) YES/NO</p> <p>12.1.20 Protection of existing/sectionally occupied works [11.2] Protection is required</p> <p>12.1.21 Special attendance [9.2] Subcontractor (1) details: Subcontractor (2) details: Subcontractor (3) details:</p> <p>12.1.22 Protection of the works [11.1] Specific requirements:</p> <p>12.1.23 Disturbance [11.5] Specific requirements: The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent</p> <p>12.1.24 Environmental disturbance [11.6] Specific requirements:</p> <p>12.2 POST-TENDER INFORMATION</p> <p>12.2.1 Payment of preliminaries [10.2] Option A (prorated) Option B (calculated) YES/NO</p> <p>12.2.2 Adjustment of preliminaries [10.3] Option A (three categories) YES/NO</p> <p>12.2.3 Additional agreed preliminaries items Details:</p>				
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	SECTION C: SPECIFIC PRELIMINARIES				
	Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item				
100	C1.0 CONTRACT DRAWINGS* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a bills of quantities or lump sum document* 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* A full set of drawings is issued with the tender documents indicating the full scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agentFixed: _____ Value related: _____ Time related: _____	Item	1		
101	C2.0 GENERAL PREAMBLES The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website (http://www.publicworks.gov.za/ under "Consultants Guidelines"), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used Fixed: _____ Value related: _____ Time related: _____	Item	1		
102	C3.0 TRADE NAMESWherever a trade name for any product has been described in the bills of quantities / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered forFixed: _____ Value related: _____ Time related: _____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
103	C4.0 IMPORTED MATERIALS AND EQUIPMENT 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 DPW-23(EC) to be completed by tenderer) Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable) Fixed: _____ Value related: _____ Time related: _____	Item	1		
104	C5.0 VIEWING THE SITE IN SECURITY AREAS The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes Fixed: _____ Value related: _____ Time related: _____	Item	1		
105	C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account Fixed: _____ Value related: _____ Time related: _____	Item	1		
106	C7.0 ENTRANCE PERMITS TO SECURITY AREAS As the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer Fixed: _____ Value related: _____ Time related: _____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
107	C8.0 SECURITY CHECK OF PERSONNEL The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works Fixed:_____ Value related:_____ Time related:_____	Item	1		
108	C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	C10.0 HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment				
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
109	C10.1 AWARENESS CHAMPION Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
110	C10.2 AWARENESS WORKSHOPS Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
111	C10.3 POSTERS, BOOKLETS, VIDEOS, ETC. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
112	C10.4 ACCESS TO CONDOMS Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
113	C10.5 MONITORING Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
114	C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) 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 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 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 Fixed:_____ Value related:_____ Time related:_____	Item	1		
115	C11.1 NOTIFICATION OF CONSTRUCTION WORK (Construction Regulation 4) The Contractor shall, before commencing work, notify the Department of Labour of the intended construction work in terms of Regulation 4. The Contractor shall submit the notification in writing, on the appropriate form, prior to commencement of work Fixed:_____ Value related:_____ Time related:_____	Item	1		
	C11.2 HEALTH AND SAFETY PLAN (Construction Regulation 7(1)(a)) The Contractor shall provide and demonstrate to the Principal Agent a suitable and sufficiently documented health and safety plan based on the Act, Construction Regulations and the health and safety specification, which shall be applied from the date of commencement of and for the duration of the construction work. The Contractor shall ensure that a copy of the health and safety plan is available on request to an employee, inspector, sub contractor or principal agent all in terms of Regulation 7 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
116	C11.3 REGISTRATION WITH THE COMPENSATION FUND (Construction Regulation 7(1)(c)(iv) The Contractor shall provide proof of his registration and good standing with the Compensation Fund or a licensed compensation insurer prior to the commencement of workFixed:_____ Value related:_____ Time related:_____	Item	1		
117	C11.4 HEALTH AND SAFETY FILE (Construction Regulation 7(1)(b) The Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the health and safety specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Principal Agent or Inspector upon request. Upon completion of the works, the Contractor shall hand over a consolidated health and safety file to the principal agentFixed:_____ Value related:_____ Time related:_____	Item	1		
118	C11.5 SUPERVISION OF CONSTRUCTION WORK (SAFETY OFFICER) (Construction Regulation 8.5(6) The Contractor shall appoint a full-time competent employee in writing as the construction supervisor, with the duty of supervising the construction work. The Contractor shall appoint a full-time or part-time construction safety officer in writing to assist in the control of all safety related aspects on the site. Such appointments are required to ensure that at all times the requirements of the Act and Construction Regulations are adhered to. Refer to Regulation 6 Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
119	C11.6 RISK ASSESSMENT AND SAFETY POLICY (Construction Regulation 9) Before commencing work the Contractor shall cause a risk assessment to be performed by a competent person appointed in writing and the risk assessment shall form part of the health and safety plan. A copy of the risk assessment shall be available on site at all times for inspection. The Contractor shall at all time carry out the works in a manner to avoid the risk of bodily harm to persons or risk of damage to any property. He shall take all precautions regarding training of employees in any hazards and the related work procedures, health and safety induction training of employees, visitors or any other persons entering the site and provide personal protective equipment to all employees and visitors to site which are necessary and adequate to eliminate any conditions which contribute to the risk of injury to persons or damage to property in terms of Regulation 9 Fixed:_____ Value related:_____ Time related:_____	Item	1		
120	C11.7 SIGNIFICANT HAZARDA IDENTIFICATION RISK ASSESSMENT PREPARED BY THE DESIGN CONSULTANTS The contractor shall allow for additional financial provision, if any, to take the necessary precautions regarding the significant hazards and risks identified and assessed by the design consultants Fixed:_____ Value related:_____ Time related:_____	Item	1		
121	C11.8 ADDITIONAL FINANCIAL PROVISION The Contractor shall allow for additional financial provision, if any, to comply with the requirements of the Occupational Health and Safety Act (Act No 85 of 1993) and the Construction Regulations issued there under which have not been specifically elsewhere provided Fixed:_____ Value related:_____ Time related:_____	Item	1		
122	C11.9 FALL PROTECTION PLAN (Construction Regulation 10) The contractor shall, before commencing any construction work submit a fall protection plan identified all steps to be taken in order to ensure the continued adherence to the fall protection plan and shall include a risk assessment of all work carried out from an relevant position. The fall protection plan shall form part of the health and safety plan and file Fixed:_____ Value related:_____ Time related:_____	Item	1		
	Carried Forward				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
123	C11.10 PHYSICAL AND PSYCHOLOGICAL FITNESS (Construction Regulation 7(8)) The contractor and sub-contractors shall before commencing any construction work submit proof of his employees that shall carried out work from an elevated position their physical and psychological fitness. And shall be recorded in the health and safety file Fixed:_____ Value related:_____ Time related:_____	Item	1		
124	C11.11 CONSTRUCTION VEHICLES AND MOBILE PLANT (Construction Regulation 23) The contractor and sub-contractors shall ensure that all operated workers received training and been certified competent to operate such vehicle, and are physical and psychological fit to operate such construction vehicles and mobile plants. And shall be recorded in the health and safety file Fixed:_____ Value related:_____ Time related:_____	Item	1		
125	C11.12 TRAINING (Construction Regulation 8 (c)) The contractor and sub-contractors shall, before commencing any construction work, submit his training program of all his employees. This program shall from part of the health and safety plan Fixed:_____ Value related:_____ Time related:_____	Item	1		
126	C11.13 DEMOLITION WORK (Construction Regulation 14) The contractor shall, before any demolition work shall carried out, submit all method of demolition to be used. This method shall form part of the health and safety plan and file. Fixed:_____ Value related:_____ Time related:_____	Item	1		
127	C11.14 REMOVAL AND DISPOSAL OF ASBESTOS MATERIAL (Asbestos Regulation) The principle contractor shall appoint a contractor that is registered with theDepartment of Labour as an AIA. The contractor must allow for; NOTIFICATION OF ASBESTOS PROCESSINGPERSONAL PROTECTIVE EQUIPMENTPACKAGING AND TRANSPORT AND STORAGE TO DISPOSAL SITEDEMOLITION WORK OF SHEETSLABELLING AND INFORMATIONFixed:_____ Value related:_____ Time related:_____	Item	1		
128	Allow the amount of Eighty Thousand Rand (R80 000.00) for Community Liaison officer	Month	8		
Carried To Final Summary					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>SECTION No. 2 BUILDING WORKS BILL No. 1 ALTERATIONS</p> <p>PREAMBLES</p> <p>The tenderer is referred to the relevant Clauses in a separate document "Model Preambles for Trades (1999 Edition)" - and to the incorporated Supplementary Preambles, before pricing this bill.</p> <p>SUPPLEMENTARY PREAMBLES General</p> <p>All works to be demolished shall be checked and confirmed by the Architect and Structural Engineer.</p> <p>Structural elements:</p> <p>Where works involve demolitions of load-bearing walls or columns, the contractor shall ensure that the structural integrity of the building is maintained. Therefore, in his allowances for temporary supports, propping-up etc pricing, the contractor shall make</p> <p>Careful Removal:</p> <p>The contractor shall remove all fitting, fixtures and elements so designated with care. The salvaged materials shall be recorded for inspection by the Representative/Agent and consequently stored for re-use. The contractor shall include, in his pricing, costs related thereto.</p> <p>REMOVAL OF EXISTING WORK</p> <p>Breaking up and removing reinforced concrete including cutting off and removing reinforcement bars or mesh wire, removing debris arising therefrom from site:</p> <p>Breaking down and removing brickwork etc:</p>				
1	Half brick wall	m ²	42		
2	One brick wall	m ²	12		
Total Carried Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
	Total Brought Forward				
	Carefully taking out and removing doors, windows, etc from brickwork to be demolished, storing for re-use:				
3	Single gate comprising 877 x 2125mm high of 60 x 40 x 3mm flat tubular section outer frame, 2No. 40 x 6mm middle supports with 19mm diameter holes, filled in with 19mm mild steel round bars at 110mm centers, fitted with a upright five lever mortice deadlock in steel plate housing, hang on to frames (elsewhere) with welded 3No. 25mm diameter x 80mm long pin hinges.	No.	2		
	Taking out and removing doors, windows, etc from brickwork to be demolished:				
4	Glazed steel window 1022 x 124mm high from one brick wall.	No.	25		
5	Timber door 813 x 2100mm high	No	5		
	Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere):				
6	Steel single door frame and timber door 900 x 2000mm high overall from one brick wall.	No.	20		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u>				
7	Corrugate sheet iron roof covering, valley linings, ridge flashings and timber purlins	m ²	1906		
8	Gypsum plasterboard ceilings including cornices, timber	m ²	1906		
9	Removal of built in cupboards	no	775		
10	Removal of shelving	no	40		
11	Removal of fascia board	m	727		
12	Pin boards	no	14		
13	Chalk boards	no	14		
14	Down pipes and gutters	m	14		
15	Removal of vinyl sheeting	m ²	250		
	Carried Forward				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
	Brought Forward				
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc:</u>				
16	32mm Screed from floors.	m ²	102		
	Internal plaster from walls and columns.				
17	Hack off plaster from wall	m ²	180		
18	Repair crack with chicken mesh	m ²	1500		
	BUILDING UP OPENINGS				
	Brickwork in NFX bricks (14 Mpa nominal compressive strength in class II mortar in building up:				
19	Half brick walls.	m ²	16		
20	One brick walls	m ²	25		
	Sundries:				
21	Construction joints, with and including mastic rubber or equal approved, to walls, vertical.	m ²	52		
22	Cutting toothings and bonding new brickwork to existing, half brick walls.	m	2		
23	Cutting toothings and bonding new brickwork or existing, one brick walls.	m	2		
	CONCRETE SURFACES REPAIRS				
	Repair concrete surfaces as described:				
24	Treating surfaces of previously cast concrete floors, smoothing.	m ²	1285		
	Total Carried to Summary Page				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION No. 2				
	BUILDING WORKS				
	BILL No. 2				
	MASONRY				
	FOUNDATIONS	H1			
	BRICKWORK	H2			
	Brickwork In Clay Bricks In 6:1 Cement Mortar In	H4			
1	Half brick wall.	m2	50		
2	One brick wall.	m2	60		
	Brickwork Sundries	H4			
3	Bag down face of brickwork with 4.1 cement slurry.	m2	52,56		
4	Joint formed of one layer 10mm thick softboard set between vertical concrete or brick surfaces.	m2	0,79		
5	Galvanised brick reinforcement 80mm wide.	m	99,17		
6	Ditto, but 155mm wide.	m	168,58		
	FACE BRICKWORK	H3			
	Allow The Prime Cost Of R 5 500,00 (Five Thousand Five Hundred Rand) Per Thousand Face Bricks Delivered To Site And Pointed With Ruled-In Vertical And Horizontal Joints	H4			
7	Extra over brickwork for face brickwork.	m2	89,25		
8	Extra over brickwork for brick-on-edge coping to top of one brick wall including pointing to top and one edge.	m	45,62		
	SUPERSTRUCTURE	H1			
	BRICKWORK	H2			
	Brickwork In Clay Bricks In 6:1 Cement Mortar In	H3			
9	Half brick wall.	m2	98,97		
10	Half brick wall in beamfilling.	m2	31,34		
11	One brick wall.	m2	63,47		
12	One brick wall.	m2	111,07		
	Total Carried Forward				

**KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO
REFURBISH THOBANI PRIMARY SCHOOL**

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	Movement Joints	H4			
13	10mm Bitumen impregnated softboard joint filler set between vertical brick surfaces.	m2	6,15		
	Brick Reinforcement	H4			
14	Galvanised brick reinforcement 110mm wide.	m	190,4		
15	Ditto, but 235mm wide.	m	333,2		
Total Carried to Summary Page					

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KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL NO. 4	H1			
	ROOF COVERINGS, ETC.				
	PROFILED METAL SHEETING	H2			
	CPAP Work Group No. 124 Unless Otherwise Stated				
	NOTE: All roof coverings and side cladding are to be installed to comply with SABS Code of Practice 0237 where applicable.				
	All roof sheeting shall be laid under a 5 year guarantee for site workmanship and water tightness.				
	0,8mm Thick Z275 IBR Galvanised Sheet Iron Roofing Sheets And 0,8mm Thick Accessories With Serrated Closers And Polyclosers Where Applicable, Both With Chromadek Colour One Side, In Single Sheet Lengths	H3			
1	Roof covering with pitch not exceeding 25 degrees fixed to wood purlins.	m2	1906		
	Insulation	H3			
2	50mm Thick high density fibreglass rigid insulation fixed concurrent with the cladding to timber rails all in accordance with the manufacturer's specification.	m2	1906		
	Rain Water Goods	H3			
	0,6mm Thick Z275 GRS Rainwater Goods And Accessories With Chromadek Colour One Side Including Short Lengths, Jointing, Fixing, Etc	H4			
3	127 x 140 x 83mm Fascia gutter fixed to fibre cement fascia.	m	452		
	Extra for	H4			
4	Stopped end.	No	12		
5	Internal angle.	No	1		
6	External angle.	No	1		
7	Outlet with nozzle for 90mm rainwater pipe.	No	16		
	(End Of Extra For)	H4			
8	90mm Diameter rainwater pipe plugged to face brick wall.	m	87		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	Extra For	H4			
9	Shoe.	No	16		
10	Bend.	No	16		
11	80mm Spreader 800mm long and fixing to bottom of 80mm rainwater pipe.	No	16		
Total Carried to Summary Page					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 5	H1			
	CARPENTRY & JOINERY				
	CARPENTRY	H2			
	ROOFS, ETC	H3			
	Roof Trusses	H4			
	<p>NOTE:</p> <p>Truss prices are to include for the design, supply and erection of the trusses complete including bolts, connectors, connections, etc. and comply with SABS 0243 : The Design, Manufacture And Erection Of Timber Trusses</p> <p>The truss fabricator or his design engineer will issue a certificate of compliance to the Principal Agent which confirms that:</p> <p>(a) The Manufacturer of the pre-fabricated trusses holds a certificate of competence issued by the Institute for Timber Construction.</p> <p>(b) The design has been approved by a Registered Professional Engineer.</p> <p>(c) The trusses have been manufactured to specification.</p> <p>(d) The trusses have been erected to specification.</p> <p>The dimensions of the trusses given in the following descriptions are nominal and the actual measurements for the design and manufacture of the trusses must be taken from the working drawings.</p> <p>The truss spans given are measured horizontally between the outer faces of the wall plates and overhangs are measured from the external wall face.</p> <p>Monoplaner Prefabricated Connector Plate Roof Trusses At 1200mm Maximum Centres And Suitable For 0,8mm Thick IBR</p> <p>Roof Covering With Purlins At 1200mm Centres And A Brandered 6,4mm Thick Rhinoboard Ceiling</p>				
	Total Brought Forward				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	<u>Complete prefabricated timber roof trusses with a pitch not exceeding 25 degree pitch including all necessary hoisting labour, timber for bracing, purlins, wall plates, gangboards, certificate and guarantee for design and erection to be supplied by truss manufacturer. All exposed timber sections as well as sections in contact with wet trades to be creosote treated before fixing into position.</u>	H4			
8	Classroom Block One (1) approximately 581m ² measured flat	No	1		
9	Classroom Block Two (2) approximately 581m ² measured flat	No	1		
10	Admin Building approximately 72m ² measured flat	No	1		
	EAVES AND VERGES	H3			
	Nutec Medium Density Plain Fascia Cut To Lengths And Butt Jointed With Galvanised H-Profile Steel Jointing Strips And Fixed With Countersunk Brass Screws	H4			
11	12 x 300mm Fascia or bargeboard.	m	489		
	SKIRTINGS	H3			
	Wrot Red Meranti	H4			
12	22 x 170mm Angle rounded skirting, plugged and including 19mm quadrant bead planted on.	m	800		
	DOORS, ETC	H3			
13	44mm Framed, ledged and braced batten door, (Hung) size 813 x 2032mm.	No	25		
	Wrot Red Meranti	H4			
12	44mm Framed, ledged and braced batten door, (Hung) size 813 x 2032mm.	No	45		
	Solid Core Flush Doors Finished On Both Faces With Commercial/Masonite Veneer	H4			
13	40mm Door, (Hung) size 813 x 1932mm.	No	6		
14	40mm Door, (Hung) size 813 x 2032mm.	No	7		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
15	40mm Door, (Hung) size 912 x 2032mm.	No	5		
16	40mm Door in two leaves with rebated meeting stiles, (Hung folding) size overall 1613 x 680mm.	No	1		
	Wrot Pine	H4			
17	44 x 69mm Splayed and rebated weatherboard, screwed to and including groove in door with heads of screws sunk and pelleted.	m	3		
	Wrot Red Meranti	H4			
18	44 x 69mm Splayed and rebated weatherboard, screwed to and including groove in door with heads of screws sunk and pelleted.	m	30		
	SCHOOL FURNITURE	H3			
	Supply, Deliver and Install School Furniture As The Department of Basic Education's Attached School Furniture Specifications, Technical Drawings and Manufacturing Notes	H4			
19	Chair grade R-4 as per architect spec	No	160		
20	Chair lab grade 4-5- as per architect spec	No	120		
21	Teachers chair as per architect spec	No	8		
22	Teachers office/staff room desk as per architect spec	No	8		
23	Teachers desk with one drawer on both sides as per architect spec	No	8		
24	Head of department stationery cupboard two door with three shelves as per architect spec	No	3		
25	Principals high back swivel and tilt chair with five star wheel base	No	1		
26	Admin lower back typist chair with five star wheel base	No	2		
27	Filing rack pigeon hole thirty division	No	7		
28	Principals correspondence rack three division as per drawing	No	2		
29	Principals wooden glazed door bookcase with three shelves	No	1		
Total Brought Forward					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
30	Library wooden bookshelf with three adjustable shelves	No	1		
31	Principal desk connecting corner piece	No	1		
32	Principal desk with three drawers fitted on right hnad side	No	1		
33	Sick room upholstered side chair with arms	No	2		
Total Carried to Summary Page					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 6 CEILINGS, PARTITIONS AND ACCESS FLOORING Note: The sizes of all sawn and wrot timbers are to hold to the full sizes specified. South African Pine shall be referred to as Pine. All items in this section are to be fixed, unless otherwise described, by spiking to wood. Bolts for items described as bolted are measured elsewhere. Items described as plugged are plugged and screwed to brickwork or concrete.	H1			
	NAILED UP CEILINGS	H3			
	6.4mm Rhinoboard Sheets With Rhino M Cover Strips, Continuous In One Direction And Cut In Between In The Other Direction, Between Sheets	H4			
1	Horizontal ceilings fixed to and including 38 x 50mm sawn Pine brandering at 400mm centres in one direction only and with additional brandering at perimeter and along joints of ceiling plates.	m2	1906		
2	Extra over ceilings for trapdoor size 600 x 600mm in clear including all sawn and wrot Pine framing, coverstrips, etc covered with ceiling board and fitted flush with ceiling.	No	5		
	Rhino Gypsum Plasterboard Cornice With Bottom Edge Fixed To Walls With Steel Nails	H4			
3	75mm Coved cornice.	m	800		
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 7	H1			
	FLOOR COVERINGS, WALL LININGS, ETC				
	Note:				
	Floor coverings are laid on screeded surfaces and wall linings on plastered surfaces unless otherwise described.				
	FLOOR COVERINGS	H3			
	Semi-Flexible Vinyl Floor Tiles Size 300 x 300 x 2,5mm Thick In Two Colours Laid With Adhesive To Pattern	H4			
1	On self levelling screeded floors.	m2	23,8		
	Vinyl Accessories Of Specified Colour Fixed With Adhesive	H4			
2	75mm High skirting.	m	13		
	Natural Anodised Aluminium Edge Strips, Etc	H4			
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 8	H1			
	IRONMONGERY				
	Hinges, Bolts, Etc	H4			
1	100mm Brass butts.	No	30		
2	Union CZ80941 chromium plated W.C. indicating bolt and keep.	No	10		
3	Union 37651AS paraplegic W.C. indicating bolt and keep.	No	1		
	Locks, Etc	H4			
4	Union CZ682-24CH/2261-76SS four lever mortice lockset.	No	46		
	Handles, Etc	H4			
5	111mm Union AL5515AS-BB pull handle.	No	46		
	Catches, Cabin Hooks, Etc	H4			
6	150mm Brass cabin hook and eye screwed to and including 69 x 69 x 32mm chamfered Meranti block plugged to wall.	No	1		
	Push Plates, Kicking Plates, Nameplates, Etc	H4			
7	Union AL5066-06ASE12 male/female indicator plate.	No	1		
8	150 x 300mm Union AL5015-300W push plate.	No	1		
	Door Closers	H4			
9	Dorma TS 73 door closer with arm fixed to steel.	No	3		
	Stops, Holders, Hooks, Etc	H4			
10	Union CZ8731SC door stop plugged to floor.	No	46		
11	Union AL8721AS hat and coat hook.	No	6		
	BATHROOM FITTINGS	H3			
12	19mm Diameter chromium plated towel rail 600mm long with two chromium plated capped end brackets plugged to wall.	No	6		
13	32mm Diameter Chairman Industries (Tel. 011 624-1222) code DL2 stainless steel side grab rail plugged to wall.	No	6		
14	Vitrex code 2309 pinning board size 2400 x 1200mm with chalk rail, fixed to timber cladding.	No	8		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	WRITING BOARDS, ETC	H3			
15	Vitrex code 2109 vitreous enamelled green writing board size 2400 x 1200mm with chalk rail, plugged to timber cladding.	No	8		
	CUPBOARDS	H3			
16	Insight CU10 cupboard with four shelves and lockable door size 900 x 450 x 1800mm high four times bolted to wall with 8mm masonry bolts and washers.	No	18		
17	Buchel Hardware code 82825 or other equal approved lockable key cabinet for 68 key capacity complete with key holders, key tags and index plugged and screwed to plastered wall, size 300 x 390 x 60mm deep.	No	18		
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 9	H1			
	METALWORK				
	SUNDRY METALWORK	H3			
	The Following In Hollow Section Galvanised Mild Steel Framed And Welded Gates And Sidelights Comprising 25 x 38 x 1.6mm Perimeter Frame Filled In With 25 x 25 x 1.6mm Intermediates At 100mm Centres At 45 Degrees, 38 x 50 x 1.6mm Frames To Head And Jambs Bolted To Brickwork, Two 16 x 70mm Bullet Hinges, Union 2157-78SSMKD Deadlock In Lockbox And Pair Union CB5240-06 Knob Handles Or Othe Equal Approved Ironmongery Including All Welding, Cutting, Drilling, Grinding	H4			
	Smooth, Screwing, Bolting, Etc				
1	Comprising single gate and frame, size 925 x 2082mm high overall.	No	2		
2	Comprising two sidelights, double gates and frame, size 2230 x 2082mm high overall	No	1		
	HOT DIP GALVANISED STEEL WINDOWS, DOORS, ETC	H3			
	NOTE:				
	All opening sections of windows to be fitted with burglarproofing as Wispeco Ltd. Type NBP2				

	Residential Type Windows Of Residential Section Complete With Ironmongery And Including Setting Up, Building In, Filling Back Of Frame With Cement Mortar, Etc	H4			
3	Window type C2 size 1022 x 949mm.	No	40		
	PRE-GALVANISED PRESSED STEEL DOOR FRAMES	H3			
	1,2mm Thick Double Rebated Frame For Half Brick Wall Complete With Butts, Etc And Including Setting Up, Building In, Filling Back Of Frame With Cement Mortar, Etc	H4			
4	Frame for door size 813 x 2032mm.	No	5		
5	Frame for door size 912 x 2032mm.	No	5		
Total Brought Forward					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	WRITING BOARDS, ETC	H3			
	STEEL STRONGROOM DOORS, VENTILATORS, ETC	H3			
6	Catagory 2 ADM strongroom door and frame with a mass of 630kg to suit wall opening size 1050 x 1950mm high including building into opening in concrete wall and caulking all around in dry mix 20MPa concrete (6mm stone).	No	1		
Total Carried to Summary Page					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 10	H1			
	PLASTERING				
	SCREED	H3			
	3:1 Cement Screed On Concrete	H4			
1	30mm Thick on floors to receive vinyl tiles.	m2	90		
	GRANOLITHIC	H3			
	Untinted Granolithic On Concrete	H4			
2	25mm Thick on floors.	m2	70		
	EXTERNAL PLASTER	H3			
	4:1 Cement Plaster On Brickwork On	H4			
3	Walls in splashbacks.	m2	4		
4	Narrow widths.	m2	2		
	INTERNAL PLASTER	H3			
	5:1 Cement Plaster On Brickwork On	H4			
5	Walls.	m2	417		
6	Narrow widths.	m2	63		
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 11	H1			
	TILING				
	NOTE:				
	All tiling is to be fixed with approved adhesive unless otherwise described to screeded or plastered surfaces which are elsewhere measured. All jointing is to be done with an approved grout unless otherwise described.				

	FLOOR TILING	H3			
	Johnson Ice White Non-Slip Shower Floor Tiles Size 50 x 50mm Fixed With Adhesive And Jointed And Pointed With Flush Joints In Coloured Tinted Waterproof Grout On Screed (Elsewhere Measured)	H4			
1	On shower floors to falls with continuous joints in both directions.	m2	1		
	WALL TILING	H3			
	White Glazed Ceramic Wall Tiles Size 152 x 152 x 6,3mm Thick Fixed With Adhesive And Jointed And Pointed With Flush Joints In Grout On Plaster (Elsewhere Measured)	H4			
2	On walls.	m2	6		
3	On isolated panels, splashbacks, etc to walls not exceeding 1m2.	m2	3		
	Sundries	H4			
4	PVC tile edge trim to wall tiles.	m	1		
Total Carried to Summary Page					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 12	H1			
	PLUMBING (PROVISIONAL)				
	RAINWATER TANKS, ETC	H3			
	Stainless Steel	H4			
1	Franke Citiline DT100E inset type sink and drainer unit, size 1000 x 457mm overall with single end bowl and fitted into opening in worktop and sealed all round with anti-fungicidal silicone sealant.	No	1		
2	Franke WB001 wash hand basin, size 535 x 420 x 150mm deep with tiling key along back and fixed on pair of galvanised mild steel eagle brackets fixed to wall.	No	1		
3	Franke SIRX342 wash trough size 500 x 450 x 240mm deep fixed to wall with a pair of stainless steel wall fixing brackets.	No	1		
4	Franke model P2 pot sink double end bowl size 2400 x 650mm with stainless steel slatted undershelf and supported on 30 x 30 x 3mm framework bolted to floor.	No	1		
5	Franke Model TU102 flat back wall mounted trough urinal 1815mm long x 800mm high overall ditto.	No	1		
6	Franke Model TU102 flat back wall mounted trough urinal 2800mm long x 800mm high overall ditto.	No	1		
	White Glazed Ceramic Fireclay Fittings Including Assembling And Fixing In Position, Expanding Bolts And Mortices In Brick Or Concrete Walls, Connecting Up, Etc. (Tap And Mixer Set Reference Numbers Are Those Of Cobra Brassware)	H4			
7	Vaal 234500 Laboratory sink, size 435 x 335 x 180mm with acid resistant waste code 8790Z0, two underslung brackets code 8109Z0 and fitted into opening in joinery fitting with silicone sealant (fitting elsewhere).	No	3		
	White Glazed Vitreous China Fittings Including Assembling And Fixing In Position, Expanding Bolts And Mortices In Brick Or Concrete Walls, Connecting Up, Etc. (Tap And Mixer Set Reference Numbers Are Those Of Cobra Brassware)	H4			
Total Brought Forward					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
Item No	Description	Unit	Quantity	Rate	Amount

	Total Brought Forward				
8	Vaal Hibiscus code 7023 basin, size 510 x 405mm overall, fitted with one 15mm Star 111 chromium plated pillar tap, Cobra 301 basin waste, plug, chain and stay and fixed to wall with two 8448Z0 bolts.	No	3		
9	Vaal Hibiscus code 7023 basin, size 510 x 430mm overall, fitted with two 15mm chromium plated elbow action pillar taps code 503-21B, Cobra 301 basin waste, Cobra 309-32 anti-theft plug and fixed to wall with two code 8446Z0 bolts.	No	1		
	HOT AND COLD WATER SUPPLY	H3			
	HDPE Class 6 Pressure Water Supply Pipe Including Jointing, Short Lengths, Cutting And Jointing, Laid In Trenches Including Compacted Bedding Cradle And Fill Blanket As SABS 1200 LB (Flexible Pipe Bedding), Excavation, Risk Of Collapse, Keeping Excavations Free Of Water And Backfilling With Selected Material From The Excavations As SABS 1200 DB	H4			
10	25mm Pipe and laying in ground 600mm deep.	m	89		
11	63mm Pipe and laying in ground 600mm deep.	m	89		
	Extra For uPVC Or Cast Iron Fittings	H4			
12	25mm Bend 22.5 degrees.	No	2		
13	25mm Bend 45 degrees.	No	2		
14	25mm Bend 90 degrees.	No	2		
15	63mm Bend 22.5 degrees.	No	2		
16	63mm Bend 45 degrees.	No	2		
17	63mm Bend 90 degrees.	No	2		
18	25mm Tee.	No	2		
19	63mm Tee.	No	2		
20	25mm 4-way.	No	2		
21	25mm Brass female threaded fullway gate valve and jointed to hdpe pipe.	No	2		
22	65mm Brass female threaded fullway gate valve and jointed to hdpe pipe.	No	2		
23	Concrete (15MPa) thrust block (approximately 0,05 cubic metres) at bends, etc., including casing.	No	40		
	Total Brought Forward				

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	Class 16 Polycop Water Supply Pipe	H4			
24	15mm Pipe and laying in ground 500mm deep.	m	15		
25	22mm Ditto.	m	10		
26	28mm Ditto.	m	12		
	Extra For Polycop Compression Type Fittings	H4			
27	15mm Fittings.	No	8		
28	22mm Fittings.	No	4		
29	28mm Fittings.	No	6		
	Class 2 Medium Copper Pipes	H4			
30	15mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab, in chases (including chases), in concrete, etc.	m	25		
31	22mm Ditto.	m	12		
32	28mm Ditto.	m	2		
	Extra For Conex Brass Compression Type Fittings	H4			
33	15mm Fittings.	No	54		
34	22mm Fittings.	No	9		
35	28mm Fittings.	No	2		
	Extra For Copcal Capillary Type Fittings With Soldered Joints	H4			
36	15mm Fittings.	No	20		
37	22mm Fittings.	No	4		
38	28mm Fittings.	No	2		
	Catalogue Numbers Refer To Cobra Brassware Catalogue	H4			
	Brass Fittings Including Couplings To Copper	H4			
39	15mm Hose bibtap as Cobra 108 including wallplate elbow plugged to wall.	No	2		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
40	15mm Bibtap as Cobra 100-15.	No	5		
41	15mm Stopcock as Cobra 131.	No	3		
42	22mm Ditto.	No	2		
43	28mm Ditto.	No	0,2		
	Chromium Plated Brass Fittings Including Couplings To Copper	H4			
44	15mm Extension piece with detachable wall flange as Cobra	No	1		
45	15mm Toilet bibcock as Star 106.	No	1		
46	15mm Pillar tap as Star 111.	No	1		
47	15mm Wall type sink mixer with overarm swivel outlet as Star 166/041.	No	1		
48	15mm Pillar type sink mixer with overarm swivel outlet as Capstan CS-215/044CP.	No	3		
49	15mm Shower cubical set as Cobra 431 Star.	No	2		
	Hot Water Cylinders, Heat Pumps, Etc	H4			
50	100 Litre horizontal floor mounted type electric hot water copper cylinder complete with vacuum breakers, pressure reducing valve and relief valve including all joints to copper pipes and hoisting into position in roof space and placing on platform (elsewhere measured) and connect up.	No	2		
51	250 Litre horizontal floor mounted type electric hot water copper cylinder complete with vacuum breakers, pressure reducing valve and relief valve including all joints to copper pipes and hoisting into position in roof space and placing on platform (elsewhere measured) and connect up.	No	2		
52	40mm PVC overflow and fixing to falls to roof timbers.	m	1		
53	Extra for 40mm bend.	No	1		
54	38 x 114mm Sawn Pine bearers.	m	1		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	FIRE SERVICE	H3			
	Class 2 Medium Copper Pipes	H4			
55	28mm Pipe and laying in ground 1000mm deep.	m	1		
56	28mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab, in chases (including chases), in concrete, etc.	m	2		
	Extra For Conex Brass Compression Type Fittings	H4			
57	28mm Fittings.	No	2		
	Sundries	H4			
58	9 Kg CO2 type fire extinguisher complete with bracket and	No	2		
59	9 Kg dry chemical type fire extinguisher complete with bracket and meranti board, fixed to wall with expanding bolts and including mortices in brickwork.	No	9		
60	"Chubb" or other approved turnable hosereel bearing SABS mark and brackets with patent swivel joints, fitted with 30m length of 19mm diameter SABS red PVC hose with gunmetal 'shut-off' control nozzle and chromium plated wheelhead valve and fix reel and nozzle bracket to plastered walls with and including 6 x 76mm expanding bolts in mortices in wall.	No	1		
	TESTING	H3			
61	Allow for testing all drains, sanitary plumbing, water supplies and fire appliances and installations to the satisfaction of the Architect and to Municipal requirements and supply all necessary compliance certificates. All defective work is to be taken out and replaced at the Contractor's expense.	Item	1		
	BUILDER'S WORK TO PLUMBER	H3			
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 13 GLAZING NOTE: Panes are in rectangular shapes unless described as irregular shaped. ----- TO STEEL WITH PUTTY 6,38mm Intruderprufe Normal Strength Clear Laminated Glass	H1			
1	Panes not exceeding 0,1m2. SUNDRIES Obscure Film To Glass	m2	41		
2	Panes exceeding 0,1m2 and not exceeding 0,5m2. 4mm Float Glass Silver Backed Mirror With Polished Edges All Around	m2	12		
3	Mirror size 600 x 900mm four times holed for and screwed with chromium plated two piece cover headed screws to and including hardwood plugs in wall.	No	21		
Total Carried to Summary Page					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 14 PAINTWORK NOTE: All concrete surfaces are smooth (Class F2 or F3 finish to formwork) unless otherwise described. Concrete surfaces with a Class F1 finish to formwork are described as rough. All surfaces of walls are internal unless otherwise All plaster surfaces are smooth (floated) unless otherwise described. -----	H1			
	PAINT ON PLASTER, FIBRE REINFORCED CEMENT, ETC	H3			
	Prepare And Apply One Coat Undercoat And Two Coats Interior Quality Acrylic PVA On	H4			
1	Gypsum board ceilings including priming cover fillets, cornices and nail heads.	m2	#REF!		
	Prepare And Apply One Coat Undercoat And Two Coats Interior Quality Washable Acrylic PVA On	H4			
2	Plastered walls.	m2	778		
	Prepare And Apply One Coat Undercoat And Two Coats Exterior Quality Acrylic PVA On	H4			
3	Plastered walls.	m2	778		
4	Fibre cement fascia and bargeboard.	m2	110		
	Prepare And Apply One Coat Undercoat And Two Coats Interior Quality Eggshell Enamel On	H4			
5	Plastered walls.	m2	778		
6	Fibre cement board ceilings including priming cover fillets, cornices and nail heads.	m2	88		
7	Fibre cement cill s not exceeding 300mm girth.	m	10,12		
8	Fibre cement cills not exceeding 300mm girth.	m	5		
	Prepare And Apply 2mm Flowcrete Flowshield SI All In Accordance With The Manufacturer's Specification On	H4			
9	On screeded surface bed.	m2	16		
Total Brought Forward					

KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
Total Brought Forward					
	PAINT ON METAL	H3			
	Prepare And Apply One Coat Bituminous Paint On	H4			
10	Backs of pressed steel door linings.	m2	20		
	Prepare Previously Primed Surfaces, Touch Prime With Red Oxide Primer, Apply One Undercoat And Two Coats Enamel On	H4			
11	Steel doors.	m2	1		
	Remove All Traces Of Protective Coating From Galvanised Surfaces With Galvanised Iron Cleaner, Prepare And Apply One Coat Galvanised Iron Primer, One Undercoat And Two Coats Enamel On	H4			
12	Steel door frames.	m2	31		
13	Steel windows with glazing and burglar bars (measured on flat over both sides).	m2	49		
14	Steel grilles, gates, burglarproof screens, balustrades, etc (measured on flat over both sides).	m2	8		
	PAINT ON WOOD	H3			
	Prepare And Apply Two Coats Carbolinium Wood Preservative On	H4			
15	Wall plate.	m2	5		
16	Exposed timbers at eaves and verges.	m2	89,25		
	Prepare And Apply Three Coats Interior Quality Polyurethane Clear Varnish On	H4			
17	Skirtings, cornices or rails not exceeding 300mm girth.	m	800		
	Prepare, Stop And Apply One Coat Pink Wood Primer, One Undercoat And Two Coats Enamel On	H4			
18	Doors.	m2	30		
Total Carried to Summary Page					

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL					
Item No	Description	Unit	QTY	Rate	Amount
	<p><u>BILL NO 15</u></p> <p><u>PROVISIONAL SUMS</u></p> <p><u>NOTE</u></p> <p>All prices/rates to be net, excluding Value</p> <p><u>GENERAL</u></p> <p>The following provisional sums are for work to be executed under separate nominated sub-contracts by firms of Specialists</p> <p>All provisional sums cover the supply and installation of material, equipment, plant, etc., including the commissioning thereof, where applicable</p> <p><u>FUEL, POWER AND WATER FOR</u></p> <p>The cost of water, power and fuel for the commissioning of plant shall be borne by the nominated sub-contractor appointed for the relevant nominated sub-contract works in terms of the conditions under which they have/are contract for the specialist work involved</p> <p><u>PROFIT</u></p> <p>Provisiona sums are net and do not include builder's discount. The tenderer may allow next to "Profit" items for any profit he might consider necessary</p> <p><u>ATTENDANCE</u></p> <p>The Tenderer may allow next to "Attendance" items for any attendance he might consider necessary and/or for the recovery of any expenses incurred by him for providing attendance to nominated sub-contractors, i.e. By means of the installation of the necessary water/power meters, etc.</p> <p>The tenderer is also referred to Clause 20 in the "Preliminaries" section for the definitions and adjustment of "Attendance"</p>				
	Total Carried Forward				

KZN DOE INFRASTRUCRE DEVELOPMENT AND MAINTANANCE - APPOINTMENT OF A CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL

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**KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE - APPOINTMENT OF A
CONTRACTOR TO REFURBISH THOBANI PRIMARY SCHOOL**

FINAL SUMMARY

Bill No	DESCRIPTION	Amount
	PRELIMINARIES AND GENERAL	
1	ALTERATIONS	
2	MASONRY	
3	WATERPROOFING	
4	ROOF COVERING	
5	CARPENTRY AND JOINERY	
6	CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)	
7	FLOOR COVERING, WALL LINING, ETC	
8	IRONSMONGERY (PROVISIONAL)	
9	METAL WORK	
10	PLASTERING	
11	TILING	
12	PLUMBING AND DRAINAGE (PROVISIONAL)	
13	GLAZING	
14	PAINTWORK	
15	PROVISIONAL SUM	
	Sub-total Excluding Contingencies	
	ADD: Contingencies @ 5%	
	Sub-total Excluding Vat	
	ADD: VAT @ 15%	
	Total Carried to Form of Offer	