

Item No	Quantity	Rate	Amount
<b><u>SECTION NO. 1</u></b>			
<b><u>BILL NO. 1</u></b>			
<b><u>PRELIMINARIES (CPAP Work Group No.190 Unless Otherwise Stated)</u></b>			
<b><u>MEANING OF TERMS "TENDER / TENDERER"</u></b>			
Any reference to the words "Tender" or Tenderer" herein and/or in any other documentation shall be constructed to have the same meaning as the words "Bid" or "Bidder"			
<b>PRELIMINARIES</b>			
The JBCC Preliminaries Code 2101, March 2005 edition for use with the JBCC Principal Building Agreement <b>Edition 4.1</b> Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contractor such modifications or connections as are necessary are given under relevant clause. Where an item is not relevant to this specific contract such item is marked."N/A" signifying "Not Applicable"			
<b>PRICING OF PRELIMINARIES</b>			
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 provide under each item			
Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities			
<b>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</b>			
<b>Carried Forward</b>			
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>DEFINITIONS</b></p> <p><b><u>A1.0 DEFINITIONS AND INTERPRETATION</u></b></p> <p>Clause 1.0 Clause</p> <p>Clause 1.1 Definition of "<b>Commencement Date</b>" is added:</p> <p><b>'COMMENCEMENT DATE'</b> means the date that the <b>agreement</b>, made in terms of the Form of Offer and Acceptance, comes into effect</p> <p>Clause 1.1 Definition of "<b>Construction Guarantee</b>" is amended by replacing it with the following:</p> <p><b>"CONSTRUCTION GUARANTEE"</b> means a guarantee at call obtained by the <b>contractor</b> from an institution approved by the <b>employer</b> in terms of the <b>employer's</b> construction guarantee form as selected in the <b>schedule</b></p> <p>Clause 1.1 Definition of "<b>Construction Period</b>" is amended by replacing it with the following:</p> <p><b>"CONSTRUCTION PERIOD"</b> means the period commencing on the <b>commencement date</b> and ending on the date of <b>practical completion</b></p> <p>Clause 1.1 Definition of "<b>Corrupt Practice</b>" is added:</p> <p><b>"CORRUPT PRACTICE"</b> 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 "<b>Fraudulent Practice</b>" is added:</p> <p><b>"FRAUDULENT PRACTICE"</b> 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>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		R	

	<b>Brought Forward</b>		R
	<p>Clause 1.1 Definition of <b>"Interest"</b> is amended by replacing it with the following:</p> <p><b>"INTEREST"</b> 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 <b>"Principal Agent"</b> is amended by replacing it with the following:</p> <p><b>"PRINCIPAL AGENT"</b> means the person or entity appointed by the <b>employer</b> and named in the <b>schedule</b>. In the event of a <b>principal agent</b> not being appointed, then all the duties and obligations of a <b>principal agent</b> as detailed in the <b>agreement</b> shall be fulfilled by a representative of the <b>employer</b> as named in the <b>schedule</b></p> <p>Clause 1.1 Definition of <b>"Security"</b> is amended by replacing it with the following:</p> <p><b>"SECURITY"</b> means the form of security provided by the <b>employer</b> or <b>contractor</b>, as stated in the <b>schedule</b>, from which the <b>contractor</b> or <b>employer</b> may recover expense or loss</p> <p>Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"</p> <p>Clause 1.6.4 is amended by replacing it with the following:</p> <p>No clause</p>		
1	<p>Fixed:_____Value related:_____ Time Related:_____</p> <p><b>OBJECTIVE AND PREPARATION</b></p> <p><b>A2.0 OFFER, ACCEPTANCE AND PERFORMANCE</b></p> <p>Clause 2.0</p>	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		

Brought Forward			R
2	Fixed:_____ Value Related:_____ Time Related:_____	Item	
<b><u>A3.0 DOCUMENTS</u></b>			
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:			
<p>“The contractor shall keep a copy of all drawings, schedules, unpriced bills of quantities/lump sum document, contract instructions, minutes of site and other meetings, health and safety files as specified in the scope of work, risk register, claims and variation order register, labour records and subcontractors contracts on the site to which the employer, principal agent and agents shall have access at all times. The employer has the right to call for such further information from the contractor it deems necessary in the event it carries out any investigation or audit into potential fraud, corruption, fronting, health and safety incidents or verifying information the contractor has to supply to the employer in terms of this agreement. The Contractor shall ensure a similar right for the Employer with its subcontractors. Copy of JBCC Series 2000 Principal Building Agreement &amp; applicable preliminaries applicable this contract</p>			
3	Clause 3.10 is amended by replacing the second reference to " <b>principal agent</b> " with the word " <b>employer</b> "	Item	
4	Fixed:_____ Value Related:_____ Time Related:_____	Item	
<b><u>A4.0 DESIGN RESPONSIBILITY</u></b>			
Clause 4.0			
5	Clause 4.3 is amended by replacing it with the following:	Item	
6	No clause	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>			

Brought Forward			R
7	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A5.0 EMPLOYER'S AGENTS</u></b>			
Clause 5.0			
Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8			
8	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A6.0 SITE REPRESENTATIVE</u></b>			
Clause 6.0			
9	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A7.0 COMPLIANCE WITH REGULATIONS</u></b>			
Clause 7.0			
Note: A separate clause has been included in Section C: Specific Preliminaries of the <b>bills of quantities</b> for the <b>contractor</b> to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification			
10	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A8.0 WORKS RISK</u></b>			
Clause 8.0			
11	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A9.0 INDEMNITIES</u></b>			
Clause 9.0			
12	Fixed _____ Value Related _____ Time Related _____	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>A10.0 WORKS INSURANCES</u></b></p> <p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p><b>10.5 Damage to the Works</b></p> <p>(a) Without in any way limiting the <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall bear the full risk of damage to and/or destruction of the <b>works</b> by whatever cause during construction of the <b>works</b> and hereby indemnifies and holds harmless the <b>employer</b> against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the <b>works</b> as the <b>contractor</b> may deem necessary.</p> <p>(b) The <b>contractor</b> shall at all times proceed immediately to remove or dispose of any debris arising from the damage to or destruction of the <b>works</b> and to rebuild, restore, replace and/or repair the <b>works</b></p> <p>(c) The <b>employer</b> shall carry the risk of damage to or destruction of the <b>works</b> and materials paid for by the <b>employer</b> that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the <b>employer</b> bears the risk in terms of this contract, the <b>contractor</b> shall, if requested to do so, reinstate any damage or destroyed portions of the <b>works</b> and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p><b>10.6 Injury to Persons or loss of or damage to Properties</b></p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		R	

<p style="text-align: center;"><b>Brought Forward</b></p> <p>(a) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or death of any person whomsoever arising out of or in the course of or caused by the execution of the <b>works</b> unless due to any act or negligence of any person for whose actions the <b>employer</b> is legally liable</p> <p>(b) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> 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 <b>site</b>, whether belonging to or under the control of the <b>employer</b> or any other body or person, arising out of or in the course of or by reason of the execution of the <b>works</b> unless due to any act or negligence of any person for whose actions the <b>employer</b> is legally liable</p> <p>(c) The <b>contractor</b> shall, upon receiving a <b>contract instruction</b> from the <b>principal agent</b>, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the <b>employer</b> shall be entitled to cause it to be made good and to recover the cost thereof from the <b>contractor</b> or to deduct the same from amounts due to the <b>contractor</b>.</p> <p>(d ) The <b>contractor</b> shall be responsible for the protection and safety of such portions of the premises placed under his control by the <b>employer</b> for the purpose of executing the <b>works</b> until the issue of the <b>certificate of practical completion</b>.</p> <p>(e )Where the execution of the <b>works</b> 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 <b>contractor</b> 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 <b>works</b> has been completed.</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p>(f) The <b>contractor</b> 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 <b>works</b>.</p> <p><b>10.7 High risk insurance</b></p> <p>In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:</p> <p><b>10.7.1 Damage to the works</b></p> <p>The <b>contractor</b> shall, from the <b>commencement date</b> of the <b>works</b> until the date of the <b>certificate of practical completion</b> bear the full risk of and hereby indemnifies and holds harmless the <b>employer</b> against any damage to and/or destruction of the <b>works</b> consequent upon a catastrophic ground movement as mentioned above. The <b>contractor</b> shall take such precautions and security measures and other steps for the protection of the <b>works</b> as he may deem necessary.</p> <p>When so instructed to do so by the <b>principal agent</b>, the <b>contractor</b> 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 <b>works</b>, at the <b>contractor's</b> own costs.</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		R	



	<b>Brought Forward</b>		R
	<p><b>10.7.2 Injury to persons or loss of or damage to property</b></p> <p>The <b>contractor</b> shall be liable for and hereby indemnifies and holds harmless the <b>employer</b> 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 <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> 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 <b>site</b>, whether belonging to or under the control of the <b>employer</b> 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><b>10.7.3</b> It is the responsibility of the <b>contractor</b> 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 <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall, within twenty-one (21) <b>calendar days</b> of the <b>commencement date</b> but before commencement of the <b>works</b>, submit to the <b>employer</b> proof of such insurance policy, if requested to do so</p> <p>10.7.4 The <b>employer</b> shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the <b>contractor's</b> 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 <b>contractor</b> or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the <b>employer</b> and the <b>contractor</b> and for this purpose all these contracts shall be considered one indivisible whole.</p>		
13	Fixed _____ Related _____ Time Related _____	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		

<b>Brought Forward</b>			R
<b><u>A11.0 LIABILITY INSURANCES</u></b>			
	Clause 11.0		
14	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A12.0 EFFECTING INSURANCES</u></b>			
	Clause 12.0		
15	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A13.0 No clause</u></b>			
<b><u>A14.0 SECURITY</u></b>			
	Clause 14.0		
	Clause 14.1 - 14.8 are amended by replacing them with the following:		
	14.1 In respect of contracts with a <b>contract sum</b> up to R1 million, the <b>security</b> to be provided by the <b>contractor</b> to the <b>employer</b> will be as a payment reduction of five per cent (5%) of the value certified in the <b>payment certificate</b> (excluding VAT)		
	14.1.1 The payment reduction of the value certified in payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)		
	14.1.2 The <b>employer</b> shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the payment reduction <b>security</b> or portions thereof to the <b>contractor</b>		
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

<p style="text-align: right;"><b>Brought Forward</b></p> <p>14.2 In respect of contracts with a contract sum above R1 million, the <b>contractor</b> shall have the right to select the <b>security</b> to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the <b>schedule</b>. Such <b>security</b> shall be provided to the employer within twenty-one (21) calendar days from the commencement date. should the <b>contractor</b> fail to select the security to be provided or should the <b>contractor</b> fail to provide the <b>employer</b> with the selected <b>security</b> within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>, the <b>security</b> in terms of 14.7 shall be deemed to have been selected.</p> <p>14.3 Where <b>security</b> as a cash deposit of ten per cent (10%) of the <b>contract sum</b> (excluding VAT) has been selected</p> <p>14.3.1 The <b>contractor</b> shall furnish the <b>employer</b> with a cash deposit equal in value to ten per cent (10%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b></p> <p>14.3.2 Within twenty-one (21) <b>calendar days</b> of the date of <b>practical completion</b> of the <b>works</b> the <b>employer</b> shall reduce the cash deposit to an amount equal to three per cent (3%) of the <b>contract value</b> (excluding VAT), and refund the balance to the <b>contractor</b>.</p> <p>14.3.3 Within twenty-one (21) <b>calendar days</b> of the date of <b>final completion</b> of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the <b>contract value</b> (excluding VAT) and refund the balance to the <b>contractor</b>.</p> <p>14.3.4 On the date of payment of the amount in the final <b>payment certificate</b>, the <b>employer</b> shall refund the remainder of the cash deposit to the <b>contractor</b></p> <p>14.3.5 The <b>employer</b> shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the cash deposit <b>security</b> or portions thereof of the <b>contractor</b>.</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p>14.3.6 The parties expressly agree that neither the <b>employer</b> nor the <b>contractor</b> shall be entitled to cede the rights to the deposit to any third party.</p> <p>14.4 Where <b>security</b> as a variable <b>construction guarantee</b> of ten percent (10%) of the <b>contract sum</b> (excluding VAT) has been selected:</p> <p>14.4.1 The <b>contractor</b> shall furnish the <b>employer</b> with an acceptable variable <b>construction guarantee</b> equal in value to ten per cent (10%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>.</p> <p>14.4.2 The variable <b>construction guarantee</b> shall reduce and expire in terms of the Variable <b>Construction Guarantee</b> form included in the invitation to tender.</p> <p>14.4.3 The <b>employer</b> shall return the variable <b>construction guarantee</b> to the <b>contractor</b> within fourteen (14) <b>calendar days</b> of it expiring.</p> <p>14.4.4 Where the <b>employer</b> has a right of recovery against the <b>contractor</b> in terms of 33.0, the <b>employer</b> shall issue a written demand in terms of the variable <b>construction guarantee</b>.</p> <p>14.5 Where <b>security</b> as a fixed <b>construction guarantee</b> of five percent (5%) of the <b>contract sum</b> (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.5.1 The <b>contractor</b> shall furnish a fixed <b>construction guarantee</b> to the <b>employer</b> equal in value to five per cent (5%) of the <b>contract sum</b> (excluding VAT)</p> <p>14.5.2 The fixed <b>construction guarantee</b> shall come into force on the date of issue and shall expire on the date of the last certificate of <b>practical completion</b>.</p> <p>14.5.3 The <b>employer</b> shall return the fixed <b>construction guarantee</b> to the contractor within fourteen (14) <b>calendar days</b> of it expiring.</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p>14.5.4 The payment reduction of the value certified in a <b>payment certificate</b> shall be in terms of 31.8 (A) and 34.8</p> <p>14.5.5 Where the <b>employer</b> has the right of recovery against the <b>contractor</b> in terms of 33.0, the <b>employer</b> shall be entitled to issue a written demand in terms of the fixed <b>construction guarantee</b> or may recover from the payment reduction or may do both.</p> <p>14.6 Where <b>security</b> as a cash deposit of five per cent (5%) of the <b>contract sum</b> (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.6.1 The <b>contractor</b> shall furnish the <b>employer</b> with a cash deposit equal in the value to five per cent (5%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>.</p> <p>14.6.2 Within twenty-one (21) <b>calendar days</b> of the date of <b>practical completion</b> of the <b>works</b> the <b>employer</b> shall refund the cash deposit in total to the <b>contractor</b>.</p> <p>14.6.3 The payment reduction of the value certified in a <b>payment certificate</b> shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p> <p>14.6.4 Where the <b>employer</b> has the right of recovery against the contractor in terms of 33.0, the <b>employer</b> 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 <b>security</b> as a payment reduction of ten per cent (10%) of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.7.1 The payment reduction of the value certified in a <b>payment certificate</b> shall be <i>mutatis mutandi</i> in terms of 31.8(B)</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		R	

	<b>Brought Forward</b>		R
	<p>14.7.2 The <b>employer</b> shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the <b>contractor</b>.</p> <p>14.8 Payments made by the guarantor to the <b>employer</b> in terms of the fixed or variable <b>construction guarantee</b> shall not prejudice the rights of the <b>employer</b> or <b>contractor</b> in terms of this <b>agreement</b></p>		
16	<p>Fixed_____Value Related_____Time Related_____</p> <p><b><u>EXECUTION</u></b></p> <p><b><u>A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS</u></b></p> <p>Clause 15.0</p> <p>Clause 15.1.1 is amended by replacing it with:</p> <p>No clause</p> <p>Clause 15.1.2 is amended by replacing it with:</p> <p>The <b>security</b> selected in terms of 14.0</p> <p>Clause 15.1 amended by the addition of the following clause:</p> <p>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) <b>calendar days</b> of <b>commencement date</b>.</p> <p>Clause 15.2.1 is amended by replacing it with the following clause:</p> <p>Give the <b>contractor</b> possession of the <b>site</b> within ten (10) <b>working days</b> of the <b>contractor</b> complying with the terms of 15.1.4</p>	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>PRELIMINARIES</p> <p><b>SABC</b></p> <p><b>STUDIO 6</b></p>		

	<b>Brought Forward</b>		R	
17	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A16.0 ACCESS TO THE WORKS</u></b>			
	Clause 16.0			
18	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A17.0 CONTRACT INSTRUCTIONS</u></b>			
	Clause 17.0			
	Clause 17.1.11 is amended by deleting the words "and the appointment of <b>nominated</b> and <b>selected</b> <b>subcontractors</b> "			
19	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A18.0 SETTING OUT OF THE WORKS</u></b>			
	Clause 18.0			
20	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A19.0 ASSIGNMENT</u></b>			
	Clause 19.0			
21	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A20.0 NOMINATED SUB-CONTRACTORS</u></b>			
	Clause 20.0			
	Clause 20.1.3 is amended by replacing it with the following:			
	No Clause			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>			

	<b>Brought Forward</b>		R
	Note: See item B9.1 hereinafter for adjustment of attendance on <b>nominated subcontractors</b> executing work allowed for under provisional sums		
22	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>A21.0 SELECTED SUBCONTRACTORS</u></b>		
	Clause 21.0		
	Clause 21 is amended by replacing it with:		
	No clause		
23	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>A22.0 EMPLOYERS DIRECT CONTRACTORS</u></b>		
	Clause 22.0		
24	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS</u></b>		
	Clause 23.0		
25	Fixed _____ Value Related _____ Time Related _____	Item	
	<b>COMPLETION</b>		
	<b><u>A24.0 PRACTICAL COMPLETION</u></b>		
	Clause 24.0		
26	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>A25.0 WORKS COMPLETION</u></b>		
	Clause 25.0		
	<b>Carried Forward</b>		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES		
	<b>SABC</b>		
	<b>STUDIO 6</b>		



Brought Forward			R
27	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A26.0 FINAL COMPLETION</u></b>			
Clause 26.0			
Clause 26.1.2 is amended by inserting "#" next to 26.1.2			
28	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A27.0 LATENT DEFECTS LIABILITY PERIOD</u></b>			
29	Clause 27.0	Item	
30	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A28.0 SECTIONAL COMPLETION</u></b>			
31	Clause 28.0	Item	
32	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION</u></b>			
Clause 29.0			
33	Clause 29.2.5 is amended by replacing it with:	Item	
34	No clause	Item	
35	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>A30.0 PENALTY FOR NON-COMPLETION</u></b>			
Clause 30.0			
To be discussed			
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

36	<p style="text-align: right;"><b>Brought Forward</b></p> <p>Fixed _____ Value Related _____ Time Related _____</p> <p><b><u>PAYMENT</u></b></p> <p><b><u>A31.0 INTERIM PAYMENT TO THE CONTRACTOR</u></b></p> <p>Clause 31.0</p> <p>Clause 31.5.2 is amended by replacing "14.7.1" with "14.0"</p> <p>Clause 31.8 is amended by replacing it with the following two alternative clauses:</p> <p><b>Alternative A</b></p> <p>31.8(A) Where a <b>security</b> is selected in terms of 14.1; 14.5 or 14.6, the value of the <b>works</b> in terms of 31.4.1 and <b>materials and goods</b> 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 <b>payment certificates</b> issued up to the date of <b>practical completion</b></p> <p>31.8(A).2 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>practical completion</b> and up to but excluding the date of <b>final completion</b></p> <p>31.8(A).3 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the final <b>payment certificate</b> in terms of 34.6</p> <p>31.8(A).4 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 34.6 except where the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the final <b>payment certificate</b>.</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>	Item	R	
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	<b>Brought Forward</b>		R
	<p><b>Alternative B</b></p> <p>31.8(B) Where <b>security</b> as a payment reduction in terms of 14.7 has been selected, the value of the <b>works</b> in terms of 31.4.1 and <b>materials and goods</b> 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 <b>payment certificates</b> issued up to the date of <b>practical completion</b></p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>practical completion</b> and up to but excluding the date of <b>final completion</b></p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the <b>final payment certificate</b> in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 34.6 except where the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the <b>final payment certificate</b></p> <p>Clause 31.12 is amended by deleting the following:</p> <p>Payment shall be subject to the <b>employer</b> giving the <b>contractor</b> a tax invoice for the amount due</p>		
37	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>A32.0 ADJUSTMENT TO THE CONTRACT VALUE</u></b>		
38	Clause 32.0	Item	
39	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:	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		

	<b>Brought Forward</b>		R	
40	"due to no fault of the <b>contractor</b> "	Item		
41	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A33.0 RECOVERY OF EXPENSE AND LOSS</u></b>			
42	Clause 34.0	Item		
43	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A34.0 FINAL ACCOUNT AND FINAL PAYMENT</u></b>			
	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 <b>security</b> as a fixed <b>construction guarantee</b> 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) <b>calender days</b> " with "twenty-one (21) <b>calendar days</b> " and deleting the words "subject to the <b>employer</b> giving the <b>contractor</b> a tax invoice for the amount due"			
44	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>A35.0 PAYMENT TO OTHER PARTIES</u></b>			
	Clause 35.0			
45	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>CANCELLATION</b>			
	<b><u>A36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT</u></b>			
	Clause 36.0			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

	<b>Brought Forward</b>		R
	<p>Clause 36.1 is amended by the addition of the following clauses:</p> <p>36.1.3 refuses or neglects to comply strictly with any of the conditions of the contract</p> <p>36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>Clause 36.1.5 In the judgement of the <b>employer</b>, has engaged in <b>corrupt</b> or <b>fraudulent practices</b> in competing for or in executing the contract</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 <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p>		
46	<p>Fixed_____Value Related_____Time Related_____</p> <p><b><u>A37.0 CANCELLATION BY EMPLOYER LOSS AND DAMAGE</u></b></p> <p>Clause 37.0</p> <p>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:</p>	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		

	<b>Brought Forward</b>		R
	<p>37.5 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The contractor shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p>		
47	<p>Fixed _____ Value Related _____ Time Related _____</p> <p><b><u>A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT</u></b></p> <p>Clause 38.0</p> <p>Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"</p> <p>Clause 38.0 is amended by the addition of the following clause:</p> <p>38.7 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The contractor shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p><b><u>A39.0 CANCELLATION - CESSATION OF THE WORKS</u></b></p> <p>Clause 39.0</p> <p>Clause 39.3.5 is amended by the addition of the following at the end of the sentence:</p> <p>"within one hundred and twenty (120) <b>working days</b> of completion of such a report"</p>	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		

	Brought Forward		R
48	<p>Fixed _____ Value Related _____ Time Related _____</p> <p><b>DISPUTE</b></p> <p><b><u>A40.0 DISPUTE SETTLEMENT</u></b></p> <p>Clause 40.0</p> <p>Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"</p> <p>Clause 40.6 is amended by removing the reference to:</p> <p>No Clause</p> <p>Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the <b>mediator</b> and related costs</p>	Item	
49	<p>Fixed _____ Value Related _____ Time Related _____</p> <p><b><u>SUBSTITUTE PROVISIONS</u></b></p> <p><b><u>A41.0 STATE CLAUSES</u></b></p> <p>Clause 41.0</p>	Item	
50	<p>Fixed _____ Value Related _____ Time Related _____</p> <p><b><u>CONTRACT DATA</u></b></p> <p><b><u>A42.0 PRE-TENDER INFORMATION</u></b></p>	Item	
51	<p>Fixed _____ Value Related _____ Time Related _____</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>Clause 42.1</u></b> <b><u>CONTRACTING AND OTHER PARTIES</u></b></p> <p>42.1.1</p> <p><b>Employer:</b></p> <p><b>The South African Broadcasting Corporation</b></p> <p>52 Richmond Ave, Auckland Park, Johannesburg, 2092</p> <p>42.1.2</p> <p><b>Principal Agent:</b></p> <p><b>N/A</b></p> <p><b><u>Clause 42.2</u></b> <b><u>CONTRACT DETAILS</u></b></p> <p>42.2.1</p> <p>Works Description</p> <p><b>The Refurbishment of The SABC Studio 6</b></p> <p>ERF 52 Richmond Ave, Auckland Park, Johannesburg, 2092</p> <p>42.2.2</p> <p>Site Description</p> <p>52 Richmond Ave, Auckland Park, Johannesburg, 2092</p> <p>42.2.3</p> <p>Work or installations by others</p> <p style="text-align: right;">N/A</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		<p style="text-align: center;">R</p>	
		<p style="text-align: center;">R</p>	



<p style="text-align: right;"><b>Brought Forward</b></p> <p>42.2.4 This agreement is for government contract where there are specific options that are applicable to a <b>STATE</b> organ only</p> <p>42.2.5 The date on which possession of the site shall be given to the contractor will be determined <b>after all the requirements are met</b> by the successful contractor.</p> <p>42.2.6 Period for the commencement of the works after the contractor takes possession of the site shall be seven (7) days.</p> <p>42.2.7 Completion of the work as a whole will be required;</p> <p>42.2.8 For the works <b>as a whole</b> the intended date of practical completion and penalty per calendar day shall be:</p> <p><b>Penalty Amount</b> Penalty amounts to construction contract / calender day are <b>To Be Confirmed</b></p> <p><b>Date</b> The date for practical completion after site handover is <b>To Be Confirmed</b>.</p> <p>42.2.12 Payment for materials and goods on site shall be made</p> <p>42.2.13 The Law applicable to this contract shall be that of South Africa (Country)</p> <p>42.2.14 The contract dispute resolution shall be arbitration</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>		R	
		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p>42.2.15 The arbitration rules shall be as recommended by Association of Arbitrators (SA)</p> <p><b><u>Clause 42.3</u></b> <b><u>INSURANCES</u></b></p> <p>42.3.1 Construction risk effected by Contractor shall be limited to Contract Sum Plus 20%</p> <p>42.3.2 Contract works insurance to be effected by Contractor is the full value of works</p> <p>42.3.3 Public liability insurance to be effected by Contractor For the amount of R 3,500 000.00 per event</p> <p><b><u>Clause 42.4</u></b> <b><u>DOCUMENTS</u></b></p> <p>42.4.1 Waiver of contractor's lien is required, the client shall provide a payment guarantee</p> <p>42.4.2 Three <b>(3)</b> copies of construction documentation to be supplied to the contractor free of charge</p> <p>42.4.3 <b>Bills of Quantities</b> drawn up in accordance with the Standard System of Measuring Building Work issued by The Association of South African Quantity Surveyors</p> <p>Edition No.6 Amendment 1999 as amended</p> <p>42.4.4 The priced bill of quantities to be submitted with the tender</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>		<p>R</p>	
		R	

	<b>Brought Forward</b>			R
	42.4.5 JBCC Engineering General Conditions are to be included with the contract documents N/A			
	42.4.6 Alternative where the contract is not to be adjusted using CPAP N/A			
	42.4.7 Details of changes made to the provisions of JBCC standard documentation			
	<b><u>SECTION B: JBCC PRELIMINARIES</u></b>			
	<b><u>B1.0 DEFINITIONS AND INTERPRETATION</u></b>			
	<b>B1.1 Definitions and interpretation</b>			
	See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section			
52	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B2.0 DOCUMENTS</u></b>			
	<b>B2.1 Checking of documents</b>			
53	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B2.2 Provisional bills of quantities</b>			
54	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B2.3 Availability of construction documentation</b>			
55	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B2.4 Interests of agents</b>			
	<b>Carried Forward</b>			R
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

	<b>Brought Forward</b>		R	
56	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B2.5 Priced documents</b>			
57	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B2.6 Tender submission</b>			
	Clause 2.6 is amended by replacing "JBCC form of tender" with "Form of Offer and Acceptance"			
58	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.0 THE SITE</b>			
	<b>B3.1 Defined works area</b>			
59	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.2 Geotechnical investigation</b>			
60	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.3 Inspection of the site</b>			
61	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.4 Existing premises occupied</b>			
62	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.5 Previous work - dimensional accuracy</b>			
	All dimensions are to be taken on site			
63	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.6 Previous work - defects</b>			
	<b>Carried Forward</b>		R	
	Section No. 1			
	Bill No. 1			
	PRELIMINARIES			
	<b>SABC</b>			
	<b>STUDIO 6</b>			

	<b>Brought Forward</b>		R	
64	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.7 Services - known</b>			
65	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.8 Services - unknown</b>			
66	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.9 Protection of trees</b>			
67	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.10 Articles of value</b>			
68	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B3.11 Inspection of adjoining properties</b>			
69	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B4.0 MANAGEMENT OF CONTRACT</u></b>			
	<b>B4.1 Management of the works</b>			
70	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B4.2 Programme for the works</b>			
71	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B4.3 Progress meetings</b>			
72	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

	<b>Brought Forward</b>		R	
	<b>B4.4 Technical meetings</b>			
73	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B4.5 Labour and plants records</b>			
74	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURES' INSTRUCTIONS</u></b>			
	<b>B5.1 Samples of materials</b>			
75	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B5.2 Workmanship samples</b>			
76	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B5.3 Shop drawings</b>			
	Not withstanding the content of this clause, will the following be specific shop drawing requirements that needs to be complied with.			
	Specific shop drawings of routes, elevations and details required - All steel work - Roof construction - All electrical work - HVAC			
77	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B5.4 Compliance with manufacture's instructions</b>			
78	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

<b>Brought Forward</b>			R
<b><u>B6.0 TEMPORARY WORKS AND PLANT</u></b>			
<b>B6.1 Deposits and fees</b>			
79	Fixed _____ Value Related _____ Time Related _____	Item	
<b>B6.2 Enclosure of the works</b>			
The <b>contractor</b> shall erect, maintain and remove at completion, hoarding with gantries, fans, safety screens, barriers, access gates, covered gangways and the like as necessary for the enclosures of the <b>works</b> and elements thereof all for the protection of the public and others.			
Fixed _____ Value Related _____ Time Related _____			
<b>B6.3 Advertising</b>			
Fixed _____ Value Related _____ Time Related _____			
<b>B6.4 Plant, equipment, sheds and offices</b>			
80	Fixed _____ Value Related _____ Time Related _____	Item	
<b>B6.5 Main notice board</b>			
81	Fixed _____ Value Related _____ Time Related _____	Item	
<b>B6.6 Subcontractor's notice board</b>			
82	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>B7.0 TEMPORARY SERVICES</u></b>			
<b>B7.1 Location</b>			
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

	Brought Forward	R	
83	Fixed _____ Value Related _____ Time Related _____  <b>B7.2 Water</b>	Item	
84	Fixed _____ Value Related _____ Time Related _____  <b>B7.3 Electricity</b>	Item	
85	Fixed _____ Value Related _____ Time Related _____  <b>B7.4 Telecommunication facilities</b>	Item	
86	Fixed _____ Value Related _____ Time Related _____  <b>B7.5 Ablution facilities</b>	Item	
87	Fixed _____ Value Related _____ Time Related _____  <b><u>B8.0 PRIME COST AMOUNTS</u></b>	Item	
	<b>B8.1 Responsibility for prime cost amounts</b>		
88	Fixed _____ Value Related _____ Time Related _____  <b><u>B9.0 FINANCIAL ASPECTS</u></b>	Item	
	<b>B9.1 General Attendance</b>		
89	Fixed _____ Value Related _____ Time Related _____  <b>B9.2 Special attendance</b>	Item	
90	Fixed _____ Value Related _____ Time Related _____  <b>B9.3 Commissioning - fuel, water and electricity</b>	Item	
	Carried Forward	R	
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>			



	<b>Brought Forward</b>		R	
91	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B10.0 FINANCIAL ASPECTS</u></b>			
	<b>B10.1 Statutory taxes, duties and levies</b>			
92	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B10.2 Payment for preliminaries</b>			
	<b>Option [B] shall apply</b>			
93	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B10.3 Adjustment of preliminaries</b>			
	Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) <b>working days</b> of taking possession of the <b>site</b> " with "when submitting his priced <b>Bills of</b> <b>quantities / lump sum document</b> "			
94	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B10.4 Payment certificate cash flow</b>			
95	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B11.0 GENERAL</u></b>			
	<b>B11.1 Protection of the works</b> <b>YES</b>			
96	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.2 Protection / isolation of existing / sectionally occupied works</b> <b>YES</b>			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>			

	<b>Brought Forward</b>		R	
97	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.3 Security of the works</b>			
98	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.4 Notice before covering the work</b>			
99	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.5 Disturbance</b>			
100	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.6 Environmental disturbance</b>			
101	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.7 Works cleaning and clearing</b>			
102	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.8 Vermin</b>			
103	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.9 Overhand work</b>			
104	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.10 Instruction manuals and guarantees</b>			
105	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.11 As built information</b>			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

	<b>Brought Forward</b>		R	
106	Fixed _____ Value Related _____ Time Related _____	Item		
	<b>B11.12 Tenant installations</b>			
107	Fixed _____ Value Related _____ Time Related _____	Item		
	<b><u>B12.0 SCHEDULE OF VARIABLES</u></b>			
	<b>B12.1 Schedule of variables</b>			
108	Fixed _____ Value Related _____ Time Related _____	Item		
	<p>This <b>schedule</b> 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 <b>Preliminaries</b>.</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 annexured hereto and cross-referenced to the applicable clause of the <b>schedule</b>. Key cross reference clauses are italicised in [ ] brackets</p>			
	<b><u>12.1 PRE-TENDER INFORMATION</u></b>			
	<b>12.1.1 Provisional Bills of Quantities</b>			
	(2.2) The quantities are provisional YES			
	<b>12.1.2 Availability of construction documentation</b>			
	(2.3) Construction documentation is complete YES			
	<b>12.1.3 Interest of agents</b>			
	(2.4) Details			
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>			

<b>Brought Forward</b>	R
<p>12.1.4 <b>Defined works area</b> (3.1)</p> <p>The works are to be constructed on an existing operational theatre</p> <p>12.1.5 <b>Geotechnical investigation</b> (3.2) Details:</p> <p>There is no geotechnical investigation available therefore it is the responsibility of the Contractor to make himself familiar to the site conditions.</p> <p>12.1.6 <b>Existing premises occupied</b> (3.4) Specific requirements:</p> <p>Tenderer s will have to liaise with The SABC in order to program the work in such a way as to cause least inconvenience</p> <p>12.1.7 <b>Previous work - dimensional accuracy</b> (3.5) Details:</p> <p>12.1.8 <b>Previous work defects</b> (3.6) Details:</p> <p>12.1.9 <b>Services - known</b> (3.7) Details:</p> <p>12.1.10 <b>Protection of trees</b> (3.9) Specific requirements:</p> <p>All trees should be protected and only on instruction of the principal agent may any trees be removed</p> <p>12.1.11 <b>Inspection of adjoining properties</b> (3.11) Specific requirements:</p> <p>12.1.12 <b>Enclosure of the works</b> (6.2) Specific requirements:</p>	
<b>Carried Forward</b>	R
<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>	

<b>Brought Forward</b>	R
<p><b>12.1.13 Offices</b> (6.4.3) Specific requirements</p> <p>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 electrical 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><b>12.1.14 Main notice board</b> [6.5] Specific requirements</p> <p>The <b>contractor</b> shall provide, erect where directed maintain and remove on completion of the works a notice board size 3 x 3m (drawing to be provided by PA), 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 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><b>12.1.15 Subcontractors' notice board</b> [6.5] A notice board is required Specific requirements No</p> <p><b>12.1.16 Water</b> 7.20 option A (by contractor) option B (by employer - free of charge) option C (by employer) <b>YES</b></p> <p><b>12.1.17 Electricity</b> [7.3] option A (by contractor) option B (by employer - free of charge) option C (by employer) <b>YES</b></p>	
<b>Carried Forward</b>	R
<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>	

<p style="text-align: right;"><b>Brought Forward</b></p> <p>12.1.18 <b>Telecommunications</b>  [7.4] option A (by contractor) <b>YES</b>  option B (by employer - free of charge)  option C (by employer - metered)</p> <p>Telephone  Facsimile  E-mail</p> <p>12.1.19 <b>Ablution Facilities</b>  [7.5] option A (by contractor)  option B (by employer - free of charge)  option C (by employer) <b>YES</b></p> <p>12.1.20 <b>Protection of existing / sectionally occupied works</b> [11.2] Protection required N/A</p> <p>12.1.21 <b>Special Attendance</b>  [9.2] Subcontractor (1) details:    Subcontractor (2) details:    Subcontractor (3) details:    Subcontractor (4) details:</p> <p>12.1.22 <b>Protection of the works</b>  [11.1] Special requirements</p> <p>12.1.23 <b>Disturbance</b>  [11.5] Specific requirements</p> <p>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 <b>Environmental disturbance</b>  [11.6] Special requirements</p>		<p style="text-align: center;">R</p>	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1  Bill No. 1  PRELIMINARIES  <b>SABC</b>  <b>STUDIO 6</b></p>		<p style="text-align: center;">R</p>	

		Brought Forward			R
<b>12.2 POST-TENDER INFORMATION</b>					
12.2.1 <b>Payment of preliminaries</b>					
[10.2]	Option A (pro rated)	YES			
	Option B (calculated)	NO			
12.2.2 <b>Adjustment of preliminaries</b>					
[10.30]	Option A (three categories)	YES			
	Option B (detailed breakdown)	NO			
12.2.3 <b>Additional agreed preliminaries items</b>					
	Details:				
	N/A				
<b>SECTION C: SPECIFIC PRELIMINARIES</b>					
Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item					
<b>C1.0 CONTRACT DRAWINGS</b>					
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 <b>works</b> 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 <b>principal agent</b>					
109	Fixed _____ Value Related _____ Time Related _____		Item		
		Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>					

<b>Brought Forward</b>			R
<b><u>C2.0 GENERAL PREAMBLES</u></b>			
<p>The document "Construction Works: Specifications: General Specification (PW371-A) edition 2.0" is obtainable on the Department's website (<a href="http://www.publicworks.gov.za/">http://www.publicworks.gov.za/</a> under "Consultants Guidelines") or from the head office and all regional offices of the Department, and shall be read in conjunction with the <b>bills of quantities</b> and be referred to for the full description of work to be done and materials to be used</p> <p>The document "Construction Works: Specifications: Particular Specification (PW371-B) edition 2.0" is issued together with the drawings and shall be read in conjunction with the drawings and the <b>bills of quantities</b></p>			
110	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>C3.0 TRADE NAMES</u></b>			
<p>Wherever trade name for any product has been described in the bill of quantities, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the <b>principal agent</b> being obtained prior to the closing date for submission of tender</p> <p>if prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p>			
111	Fixed _____ Value Related _____ Time Related _____	Item	
<b>Carried Forward</b>			R
<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b></p>			



Brought Forward			R
<b><u>C4.0 IMPORTED MATERIALS AND EQUIPMENT</u></b>			
Where imported items are listed in the tender documents, the tendere 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 DPW23 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)			
112	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>C5.0 VIEWING THE SITE IN SECURITY AREAS</u></b>			
The <b>site</b> 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 <b>site</b> for tendering purposes N/A			
113	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS</u></b>			
As the <b>works</b> falls within a security area the <b>contractor</b> must give the unit commander or other responsible officer notice before commencement of the <b>works</b> . Should the <b>contractor</b> fail to make such arrangements, admission to the <b>site</b> may be refused and any additional costs will be for the <b>contractor's</b> account N/A			
114	Fixed _____ Value Related _____ Time Related _____	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

<b>Brought Forward</b>			R
<b><u>C7.0 ENTRANCE PERMITS TO SECURITY AREAS</u></b>			
<p>As the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police, or Chief Security Officer.</p> <p style="text-align: right;">N/A</p>			
115	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>C8.0 SECURITY CHECK OF PERSONNEL</u></b>			
<p>The <b>principal agent</b> may require the <b>contractor</b> to have his personnel and workmen, or a certain number of them, security classified</p> <p>In the event of the <b>principal agent</b> requesting the removal of a person or persons from the <b>works</b> for security reasons, the <b>contractor</b> shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the <b>works</b> and the <b>site</b> and/or to any document or information relating to the <b>works</b></p> <p style="text-align: center;">N/A</p>			
116	Fixed _____ Value Related _____ Time Related _____	Item	
<b><u>C9.0 PROHIBITION OF TAKING OF PHOTOGRAPHS</u></b>			
<p>In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or any building work 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, End-user, etc</p> <p>The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959</p> <p style="text-align: center;">N/A</p>			
<b>Carried Forward</b>			R
<p>Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b></p>			

	<b>Brought Forward</b>		R
117	Fixed _____ Value Related _____ Time Related _____	Item	
	<b>C10.0 HIV/AIDS AWARENESS</b>		
	It is required of the <b>contractor</b> 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 <b>bills of quantities</b> . 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 only method of measurement and no additional items or extras to the contract in this regard shall be entertained		
	The <b>Contractor</b> must take note that compliance with the HIV/AIDS Specification is compulsory. in the event of partial or total non-compliance, the <b>principal agent</b> , 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 <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.		
	<b>C10.1 AWARENESS CHAMPION</b>		
	Selection, appointment, briefing and making available of an Awareness Champion including provisional of all relevant services, all in accordance with the HIV/AIDS Specification		
118	Fixed _____ Value Related _____ Time Related _____	Item	
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>		

	<b>Brought Forward</b>		R
	<b><u>C10.2 AWARENESS WORKSHOPS</u></b>		
	Selection and appointment of a competent Service Provider approved by the <b>Principal Agent</b> , provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification		
119	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC</u></b>		
	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc, for the duration of the <b>construction period</b> , all in accordance with the HIV/AIDS Specification		
120	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>C10.4 ACCESS TO CONDOMS</u></b>		
	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 <b>construction period</b> , all in accordance with the HIV/AIDS Specification		
121	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>C10.5 MONITORING</u></b>		
	Monitoring HIV/AIDS awareness of workers, providing the <b>principal agent</b> with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the <b>construction period</b> and close out, all in accordance with the HIV/AIDS Specification.		
	<b>C10.6 Non cession of monies</b>		
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>		

Brought Forward			R
	Clause 10.6		
122	Fixed _____ Value Related _____ Time Related _____	Item	
	<b><u>C10.7 MONEY PROVISION</u></b>		
	<b>Community Liaison Officer</b>		
123	N/A	No	
	<b><u>HEALTH AND SAFETY EDUCATION</u></b>		
124	Allow for HIV/AIDS awareness and Implementation programmes, including STI and TB	Item	
125	Allow for all compulsory health and safety awareness programme (e.g. Inductions, toolbox Talks, Safety Promotions, H&S related training, etc.)	Item	
126	Allow for COVID-19 pandemic regulations.	No	
	<b><u>ENVIRONMENTAL</u></b>		
127	Provide for adequate handling and storage of materials so as to minimize contamination of ground, air or water.	Item	
128	Provide for the adequate and safe collection and disposal of waste material from site by an approved method.	Item	
129	Provide Facilities and Eating Area for workers.	Item	
130	Provide for rehabilitation on completion of site areas and temporary access routes not covered by construction or landscaping specifications.	Item	
131	Provide for stockpiling of topsoil for re-use	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

<b>Brought Forward</b>			R
<b><u>C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT</u></b>			
<p>The <b>contractor</b> shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No.85 of 1993).</p> <p>It is required of the <b>contractor</b> 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 <b>bills of quantities /lump sum document</b>.</p> <p>The <b>contractor</b> 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 <b>principal agent</b>, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the the right to delay issuing any progress <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained</p>			
132	Fixed_____Value Related_____Time Related_____	Item	
133	Notify the provincial director in writing of the commencement of construction work with and including submission of a letter of receipt and acknowledgement of the aforementioned notice by the director of his/her representative	Item	
134	Allow for the necessary Workman's Compensation Fund or FEM contributions for the duration of the project with and including renewals	Item	
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>			

Brought Forward			R
135	Allow for the preparation and approval of project-specific H&S Plan & File [CR 7(1)(a)]	Item	
136	Allow for the implementation and maintenance of project-specific H&S Plan & File. [CR 7]		SUM
137	Allow for the appointment of a Full-Time Competent Construction Health & Safety Officer to assist in the control of all health and safety related aspects on site as per [CR 8(5)]		SUM
138	Provide for appointment of responsible and competent person/s to manage and supervise the works and administer and enforce health and safety on site as per [CR 8(1),(2), &(7)]		SUM
139	Allow for provision of telecommunication facilities for the appointed Construction Health & Safety Officer		SUM
140	Allow for provision of Basic Emergency Preparedness and Response equipment & at least Level 2 First Aider/s		SUM
	<b><u>Provide, supply and maintenance for each worker the following SANS approved personal protective equipment &amp; clothing as per the site-specific risk assessments:</u></b>		
141	Hard Hats(High Density polyethylene, & 6-point lining)	Item	
142	Overall/work suit (100% Cotton)	Item	
143	Safety boots/shoes (Steel-Toe)	Item	
144	Safety gloves	Item	
145	Ear Plugs/Muffs	Item	
146	Dust Mask(at least FF2 type)	Item	
147	Respirators	Item	
148	Safety goggles	Item	
149	Personal Fall arrest and rescue equipment with and including life lines and associated equipment	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC STUDIO 6</b>			

Brought Forward		R
150	High visibility reflective vests and/or bibs	Item
151	Temporary handrails ,toe boards other than for access scaffolding	Item
152	Temporary warning signs and symbols	Item
153	SANS approved safety netting (orange color with minimum of 1,2 meters high)	Item
154	Allow for Pre-employment medical examinations	Item
155	Allow for exit medical examinations	Item
Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES <b>SABC</b> <b>STUDIO 6</b>		



	Brought Forward		R	
	<b><u>C19 CONSTRUCTION QUALITY MANAGEMENT AND QUALITY MONITORING</u></b>			
156	<p>1. The Contractor shall submit with his tender, a Construction Quality Management Plan (CQMO). This plan shall include the name and CV of the individual who will be responsible for construction quality management on site. This person shall be a different person from the Contractor's site representative (JBCC clause 6.0). The CQMP shall, among others, provide details of how the representatives of the PA responsible for the specific discipline will interface with the quality management function of the contractor. 2. The PA shall submit, for approval by the IA a CQMP before construction commences. 3. The IA shall submit both the CQMP prepared by the contractor and the construction quality monitoring plan prepared by the IA to The SABC for approval before the site is handed over to the contractor for construction. 7.3.2 Should the quality not be to the satisfaction of The SABC, the SABC may request an update of the plans to be submitted within five (5) working days. The SABC will apply internationally accepted criteria for the review of the quality plans. 7.3.3 Should the quality plans not be to the satisfaction of the SABC after a further request, the SABC will have the right: 1. to prescribe to the IA and the PA the quality procedure to follow; or 2. to cancel the contracts of the IA, the PSPs and the contractor with the right to recover any relevant cost if the IA fails to follow quality procedures as set out under 7.3.3</p> <p>Fixed:_____ Value related:_____</p> <p>Time related:_____</p>	Item		
	Carried to Final Summary		R	
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>PRELIMINARIES</p> <p><b>SABC</b></p> <p><b>STUDIO 6</b></p>			

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO. 2</u></b></p> <p><b><u>DEMOLITIONS (PROVISIONAL) (CPAP Work Group No. 102 Unless Otherwise Stated)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>PREAMBLES</u></p> <p>(For preambles refer to :Specification materials and methods to be used "PW 371" OR The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p> <p>Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project such supplementary preambles shall take precedence over the provisions of the said Model Preambles.</p> <p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p> <p>All tenderers will be deemed to have visited the site prior to submitting their tender to determine the nature and extent of the alteration and demolition work and the value of the materials to be recovered.</p> <p>No claim for a variation in the contract sum or the credit allowance for recoverable materials in respect of alteration /demolition items will be considered.</p> <p>All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.</p> <p>In taking down and removing existing work the utmost care must be taken to avoid any structural or other damage to the remaining portions of the building and the</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2</p> <p>Bill No. 1</p> <p>DEMOLITIONS</p> <p><b>SABC</b></p> <p><b>STUDIO 6</b></p>			

<b>Brought Forward</b>	R
<p>Contractor shall provide all shoring, needling, strutting, etc. to ensure the stability of all structures during the alteration/demolition work.</p> <p>The Contractor will be held solely responsible for the safety and stability of the buildings for the whole period of the contract and must make good any damage at his own expense.</p> <p>The Contractor shall provide and afterwards remove all necessary temporary tarpaulins, barricades, screens, fencing, temporary waterproofing, dust proofing, etc. required to isolate any sections of new or existing buildings for purposes of excluding users of the remainder of the building or any unauthorised persons all to the satisfaction of the Representative/Agent and remove when directed.</p> <p>The Contractor shall cover up and protect from injury all work not removed and shall make good at his own expense any damage that may occur. Existing services must be maintained at all times to the existing buildings. If it is found necessary to disconnect any service than suitable temporary or alternate services must be provided to the existing buildings.</p> <p>Special care shall be exercised during the progress of the work to ensure that any electrical installation, water supply pipes, telephone and other services which may be encountered are not intefered with and notice must be given to the Representative/ Agent if any disconnection or alterations become necessary.</p> <p>The Contractor shall take all precautions to protect the existing roads,paving and gardens from damage during the course of the contract and on complation he shall clear away and make good all damage at his own expense.</p> <p>Building up of existing openings where given in number shall be deemed to include preparing existing surfaces all round, brickwork properly toothed and bonded to existing and shot pinned to concrete, wedging up and making good finishes on both sides to match existing.</p> <p>Taking down existing walls is to include for dead shoring and propping under existing concrete slabs, beams, roof</p>	
<b>Carried Forward</b>	R
<p>Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC STUDIO 6</b></p>	

<b>Brought Forward</b>	R
<p>timbers, etc., for removing doors, windows, skirtings, curtain tracks, pelmets, cornices, etc. fixed to same and for making good to walls , floors, ceilings, etc. as described.</p> <p>Removal of doors, windows, fittings, etc., is to include for their removal complete with frames, ironmongery, glass, quadrants, architraves, skirtings, burglar bars and all accessories to walls, reveals, around openings, for cutting out cills, etc., for hacking up flooring at openings and for making good.</p> <p>Any water supply or other piping, etc. that may be encountered and found necessary to disconnect or cut are to be effectually stopped off and any new connections that may be necessary shall be made with the proper fittings to the satisfaction of the Representative/Agent.</p> <p>Where sanitary fittings, geysers, etc are to be removed the Contractor shall allow for removing all exposed waste or water supply pipes to the nearest suitable junction or connection and stopping off, as well as for making good plaster, screeds, etc.</p> <p>The Contractor shall remove from the site all material, rubble, debris,rubbish, etc. resulting from the alterations/demolitions.</p> <p><u>View site</u></p> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used in demolitions</p>	
<b>Carried Forward</b>	R
<p>Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC STUDIO 6</b></p>	

<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the work with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their residents. The contractor shall provide proper protection and provide and erect any temporary tarpaulins and temporary plumbing that may be necessary during the progress of the works, all to the satisfaction of the principal agent and remove when directed</p> <p>Any water supply pipes and other piping that may be met with and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p>Doors, fanlights, fittings, frames, linings, etc shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery if necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC</b> <b>STUDIO 6</b></p>		R	

<b>Brought Forward</b>	R
<p>Where doors, windows, etc are described as taken out this shall be understood to include for removal of all beads, architraves, ironmongery, etc and doors which are re-fixed are to be provided with new architraves (elsewhere measured)</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good to match existing</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, etc. shall be levelled and prepared for raising of brickwork</p> <p>Allow for making good all existing plastered walls where damaged by furniture, etc. and stopping up all screw and nail holes before painting</p> <p>Making good of finishes shall be deemed to include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing building on the site and the contractor will be held solely responsible for the accuracy of all such dimensions</p> <p>In taking down and removing existing work the utmost care shall be observed to prevent any structural or other damage to remaining portions of the building. The contractor shall ensure the stability of all structures during alteration work.</p> <p>The contractor shall be responsible for the removal from the site of all materials, debris and rubble resulting from the alterations. The contractor shall further ensure that the existing water channels and drains are kept free from any such materials during the demolitions of existing structures, and throughout the duration of the contract.</p>	
<b>Carried Forward</b>	R
<p>Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC STUDIO 6</b></p>	

Brought Forward				R
<p>In removing of rubble from rooms, contractor shall insure that the rubble gets removed from site and taken to an appropriate Municipality dumping site.</p> <p>The cost of removing rubble from site shall include transportation of rubble to an appropriate Municipality dumping site.</p> <p><b><u>OLD MATERIALS TO BE CARTED AWAY :</u></b></p> <p>Old materials from alterations except where described to be handed over, as well as all rubbish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site.</p> <p><b><u>TEMPORARY BARRICADES, SCREENS, ETC</u></b></p> <p><b><u>Temporary barricades, screens, roofs, etc including removal</u></b></p>				
1	Drywall barricade 3,5m high of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum plasterboard and finished with two coats interior quality PVA emulsion paint, including corners, ends, etc	m	25	
2	Extra over preceding item for hollow core single door 813 x 2032mm high, including steel frame, two-lever mortice lock, primer and two coats paint	No	2	
<b><u>REMOVAL OF EXISTING WORK</u></b>				
<b><u>Breaking up and removing reinforced concrete</u></b>				
<p>Demolitions to be carried out as per structural engineers specifications/instructions at heights above 13 meters including special propping up and carting away of material to suitable designated area not exceeding 2km from site.</p>				
3	Demolish and remove monitor room structure's roof reinforced concrete slab and remove rubble off site	m2	300	
Carried Forward				R
<p>Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC STUDIO 6</b></p>				

	<b>Brought Forward</b>			<b>R</b>
4	Demolish and remove monitor room reinforced concrete walls	m2	208	
5	Demolish and remove the studios roof reinforced concrete slab, from grid line 2 to grid line 6. Demolitions to be carried out as per structural engineers specifications/instructions at heights above 13 meters including special propping up and carting away of material to suitable designated area not exceeding 2km from site	m2	533	
6	Demolish and remove sound suite reinforced concrete slab	m2	90	
7	Demolish and remove reinforced concrete beams	No	3	
8	Allow an amount of Two Hundred And Fifty Thousand Rands Only (R250 000.00) for all unforeseen structural damages that will be identified during demolition works, to be used at the discretion of the principal agent.		Item	250,000.00
<b><u>Disposal of materials</u></b>				
9	Per haulage	TrkLd	100	
<b><u>Alterations work</u></b>				
10	Allow an amount of Three Hundred And Fifty Thousand Rand Only (R350 000.00) for propping up for the studios new reinforced concrete slab, to be used at the discretion of the principal agent.		Item	350,000.00
11	Allow an amount of Sixty Thousand Rand Only (R60 000.00) for the reparation of existing structural elements to receive new work and elements, to be used at the discretion of the principal agent.		Item	60,000.00
12	Allow an amount of Ninety Five Thousand Rands Only (R90 000.00) for stripping clean of pre-stressed concrete beams, to be used at the discretion of the principal agent.		Item	95,000.00
<b>Carried Forward</b>				<b>R</b>
Section No. 2 Bill No. 1 DEMOLITIONS <b>SABC</b> <b>STUDIO 6</b>				



	Brought Forward		R
13	Allow an amount of Three Hundred And Twenty Thousand Rand Only (R320 000.00) for propping up of new pre stressed concrete beams, to be used at the discretion of the principal agent.	Item	320,000.00
14	Allow an amount of Two Hundred And Seventy Five Thousand Rand Only (R275 000.00) for load testing of new concrete beams	Item	275,000.00
Carried to Final Summary			R
Section No. 2 Bill No. 1 DEMOLITIONS SABC STUDIO 6			

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 3</u></b></p> <p><b><u>ALTERATIONS (PROVISIONAL) (CPAP Work Group No. 102 Unless Otherwise Stated)</u></b></p> <p><b><u>PREAMBLES FOR TRADES</u></b></p> <p>The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p> <p>All tenderers will be deemed to have visited the site prior to submitting their tender to determine the nature and extent of the alteration and demolition work and the value of the materials to be recovered.</p> <p>No claim for a variation in the contract sum or the credit allowance for recoverable materials in respect of alteration /demolition items will be considered.</p> <p>All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.</p> <p>In taking down and removing existing work the utmost care must be taken to avoid any structural or other damage to the remaining portions of the building and the Contractor shall provide all shoring, needling, strutting, etc. to ensure the stability of all structures during the alteration/demolition work.</p> <p>The Contractor will be held solely responsible for the safety and stability of the buildings for the whole period of the contract and must make good any damage at his own expense.</p> <p>The Contractor shall provide and afterwards remove all necessary temporary tarpaulins, barricades, screens, fencing, temporary waterproofing, dust proofing, etc. required to isolate any sections of new or existing buildings for purposes of excluding users of the</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 3 Bill No. 1 ALTERATIONS <b>SABC STUDIO 6</b></p>			

<b>Brought Forward</b>	R
<p>remainder of the building or any unauthorised persons all to the satisfaction of the Representative/Agent and remove when directed.</p> <p>The Contractor shall cover up and protect from injury all work not removed and shall make good at his own expense any damage that may occur. Existing services must be maintained at all times to the existing buildings. If it is found necessary to disconnect any service than suitable temporary or alternate services must be provided to the existing buildings.</p> <p>Special care shall be exercised during the progress of the work to ensure that any electrical installation, water supply pipes, telephone and other services which may be encountered are not intefered with and notice must be given to the Representative/ Agent if any disconnection or alterations become necessary.</p> <p>The Contractor shall take all precautions to protect the existing roads,paving and gardens from damage during the course of the contract and on complation he shall clear away and make good all damage at his own expense.</p> <p>Building up of existing openings where given in number shall be deemed to include preparing existing surfaces all round, brickwork properly toothed and bonded to existing and shot pinned to concrete, wedging up and making good finishes on both sides to match existing.</p> <p>Taking down existing walls is to include for dead shoring and propping under existing concrete slabs, beams, roof timbers, etc., for removing doors, windows, skirtings, curtain tracks, pelmets, cornices, etc. fixed to same and for making good to walls , floors, ceilings, etc. as described.</p> <p>Removal of doors, windows, fittings, etc., is to include for their removal complete with frames, ironmongery, glass, quadrants, architraves, skirtings, burglar bars and all accessories to walls, reveals, around openings, for cutting out cills, etc., for hacking up flooring at openings and for making good.</p> <p>Any water supply or other piping, etc. that may be encountered and found necessary to disconnect or cut are to be effectually stopped off and any new</p>	
<b>Carried Forward</b>	R
<p>Section No. 3 Bill No. 1 ALTERATIONS <b>SABC</b> <b>STUDIO 6</b></p>	

Brought Forward			R	
connections that may be necessary shall be made with the proper fittings to the satisfaction of the Representative/Agent.				
Where sanitary fittings, geysers, etc are to be removed the Contractor shall allow for removing all exposed waste or water supply pipes to the nearest suitable junction or connection and stopping off, as well as for making good plaster, screeds, etc.				
The Contractor shall remove from the site all material, rubble, debris, rubbish, etc. resulting from the alterations/demolitions.				
<b><u>OLD MATERIALS TO BE CARTED AWAY :</u></b>				
Old materials from alterations except where described to be handed over, as well as all rubbish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site.				
<b><u>ALTERATION WORK</u></b>				
<b><u>Removal of walls, slabs and surface beds</u></b>				
1	Carefully remove one facebrick wall, and build new.	m2	144	
2	Break down and remove half brick wall, and build new	m2	121	
3	Break down and remove one brick wall, and build new.	m2	74	
4	Break down and remove 350x350 brick piers, and build new.	No	28	
<b><u>Hacking up/off and removing screed on floors and wall finishes, and preparing surfaces for new screed, plaster, tile finishes, etc</u></b>				
5	Remove existing screed on floors completely.	m2	227	
6	Allow an amount of Fifty Five Thousand Rands Only (R50 000.00) for the removal all loose plaster from existing walls.		Item	50,000.00
<b>Carried Forward</b>			R	
Section No. 3 Bill No. 1 ALTERATIONS <b>SABC STUDIO 6</b>				

Brought Forward			R
<b><u>Removal of partitions</u></b>			
7	Break down and remove boarded partions	m	6
<b><u>Removal of doors, windows, fittings, etc.</u></b>			
8	Removal of all double sound lock doors	No	2
9	Removal of all single sound lock doors	No	21
10	Remove existing balustrades	m	108
11	Removal of 4100mm high steel mesh fencing	m	6
<b><u>Protection of cavities</u></b>			
12	Allow an amount of One Hundred Thousand Rands Only ( R100 000.00) for the protection of cavities and other structural integrities during alteration work, to be used at the discretion of the principal agent.	Item	100,000.00
<b>Carried to Final Summary</b>			R
Section No. 3			
Bill No. 1			
ALTERATIONS			
<b>SABC</b>			
<b>STUDIO 6</b>			

Item No	Quantity	Rate	Amount
<b><u>BILL NO 4</u></b>			
<b><u>EARTHWORKS (PROVISIONAL) (CPAP Work Group No. 104 Unless Otherwise Stated)</u></b>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<u>Nature of ground</u>			
A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"			
<u>User note</u>			
<i>The following are typical examples of descriptions of "subterranean water"</i>			
<u>Subterranean water</u>			
No subterranean water is expected			
The water table is expected to vary between approximately ?m and ?m below natural ground level. The removal of subterranean water is given separately			
<u>Excavation for working space in rock</u>			
Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be			
<b>Carried Forward</b>			R
Section No. 4 Bill No. 1 EARTHWORKS <b>SABC STUDIO 6</b>			

Brought Forward				R
<u>Carting away of excavated material</u>				
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
<u>Filling</u>				
Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material				
<u>User note</u>				
<i>When no information regarding density tests is available the following preamble in respect of testing may be inserted</i>				
<u>Testing</u>				
<i>Prices for filling are to include for all necessary density tests in accordance with SABS 1200D</i>				
<u>Site Clearance</u>				
1	Digging up and removal of rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	36	
<b><u>EXCAVATIONS, FILLING, ETC</u></b>				
<b><u>Bulk excavations, excavations for trenches and excavations for holes</u></b>				
2	Excavations in earth for trenches not exceeding 2m deep	m3	4	
3	Extra Over trenches for soft rock	m3	4	
4	Extra over trenches for hard rock	m3	4	
Carried Forward				R
Section No. 4 Bill No. 1 EARTHWORKS <b>SABC STUDIO 6</b>				

Brought Forward			R
<b><u>Excavated material to be carted from the site</u></b>			
5	Surplus material from excavations and /or stock pile on site to a dumping site to be located by the contractor	m3	4
<b><u>Risk of collapse of excavations</u></b>			
6	Sides of trench and hole excavations not exceeding 1,5m deep including keeping excavations free from water	m2	10
<b><u>Keeping excavations free of all water other than subterranean water</u></b>			
7	Keeping excavations free of water other than subterranean water		SUM
<b><u>Filling of soil, stone, broken brick, etc for backfilling to trenches, holes, etc, for filling over site, for filling in landscape mounds, berms, etc and for filling under floors, steps, paving, etc</u></b>			
8	Backfill to trenches, holes, etc.	m3	2
<b><u>Compaction of natural or excavated ground surfaces</u></b>			
9	Compaction of ground surface under floors, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	8
<b><u>Tests to determine the degree of compaction or other properties of the ground or filling to MOD AASHTO</u></b>			
10	Tests	No	1
<b>Carried to Final Summary</b>			R
Section No. 4 Bill No. 1 EARTHWORKS <b>SABC STUDIO 6</b>			



Item No	Quantity	Rate	Amount
<p><b><u>BILL NO. 5</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p>(For preambles refer to :Specification materials and methods to be used"PW 371</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>Cost of tests</p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)</p> <p>Formwork</p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.</p>			
<p><b>Carried Forward</b></p>			<p>R</p>
<p>Section No. 5  Bill No. 1  CONCRETE, FORMWORK AND REINFORCEMENT  <b>SABC</b>  <b>STUDIO 6</b></p>			

Brought Forward				R
Formwork to soffits of (solid) slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described				
Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"				
<b><u>Reinforced Concrete</u></b>				
<b><u>30 MPa / 120mm concrete</u></b>				
1	New 120mm Concrete beams. Specialist contractor to design, supply and install new trapezoidal post-tensioned concrete beam. new beam to be cast in steel permanent shuttering. Cross sectional profile of permanent shuttering to match existing beams			
		m3	40	
<b><u>25 Mpa Reinforced Concrete</u></b>				
2	Concrete to strip foundations	m3	2	
<b><u>TEST CUBES</u></b>				
3	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	5	
<b><u>CONCRETE SUNDRIES</u></b>				
<b><u>Finishing top surfaces of concrete smooth with a power float</u></b>				
4	Surface beds, slabs, etc	m2	950	
Carried Forward				R
Section No. 5 Bill No. 1 CONCRETE, FORMWORK AND REINFORCEMENT <b>SABC</b> <b>STUDIO 6</b>				

Brought Forward			R
<b><u>SMOOTH FORMWORK (DEGREE OF ACCURACY 1)</u></b>			
<b><u>Smooth formwork to soffits including propping up exceeding 1500mm high not exceeding 13500mm high</u></b>			
5	Permanent shuttering to sides and soffits of beams	m2	61
<b><u>MOVEMENTS JOINTS, ETC</u></b>			
<b><u>Construction joints not exceeding 300mm high or wide</u></b>			
6	10mm movement joints.	m2	
<b><u>REINFORCEMENT</u></b>			
<b><u>High and mild tensile steel reinforcement to structural concrete work</u></b>			
7	<b><u>Various Bar Reinforcements</u></b>	t	10.50
<b><u>Fabric reinforcement</u></b>			
8	Ref 193 fabric reinforcement in concrete surface beds etc	m2	948
<b>Carried to Final Summary</b>			R
Section No. 5			
Bill No. 1			
CONCRETE, FORMWORK AND REINFORCEMENT			
<b>SABC</b>			
<b>STUDIO 6</b>			

Item No	Quantity	Rate	Amount
<b><u>BILL NO. 6</u></b>			
<b><u>PRECAST CONCRETE (PROVISIONAL)</u></b>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<u>PREAMBLES</u>			
<u>(For preambles refer to :Specification materials and methods to be used "PW 371")</u>			
<u>Cost of tests</u>			
Cost of tests			
<p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)</p>			
<u>Breeze concrete</u>			
<p>Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated</p>			
<u>Lightweight concrete</u>			
<p>Lightweight concrete shall have a density of 600kg/m<sup>3</sup> for the top 50mm and 400kg/m<sup>3</sup> for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm</p>			
		R	
<b>Carried Forward</b>			
Section No. 6 Bill No. 1 PRECAST CONCRETE <b>SABC</b> <b>STUDIO 6</b>			

Brought Forward				R
<b><u>Reinforced Concrete</u></b>				
All rib and block slabs to be supplied and installed by a specialist contractor to engineers approval. Slabs will have mesh reinforcement #193 and top 25mm cover				
<b><u>30 MPa / 230mm concrete</u></b>				
1	230mm rib and block slab			
		m2	533	
<b><u>30 MPa / 200mm concrete</u></b>				
2	170-200mm rib and block slab	m2	316	
<b><u>30MPa / 170mm concrete</u></b>				
3	170mm rib and block slab			
		m2	89	
4	170mm rib and block floor slab			
		m2	10	
<b>Carried to Final Summary</b>				R
Section No. 6				
Bill No. 1				
PRECAST CONCRETE				
<b>SABC</b>				
<b>STUDIO 6</b>				

Item No	Quantity	Rate	Amount
<p><b><u>BILL NO. 7</u></b></p> <p><b><u>MASONRY (CPAP Work Group No. 116 Unless Otherwise Stated)</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p><u>(For preambles refer to :Specification materials and methods to be used"PW 371</u></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Preambles</u></p> <p>The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.</p> <p><u>Proprietary Products In Descriptions</u></p> <p>Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent</p> <p><u>Sizes In Descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall be the length and "half brick" the width of a brick</p> <p><u>Cement Mortar</u></p> <p>Unless otherwise described, all brickwork shall be built in 1:6 cement mortar</p> <p><u>Face Bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p>			
<p><b>Carried Forward</b></p>			<p>R</p>
<p>Section No. 7  Bill No. 1  MASONRY  <b>SABC</b>  <b>STUDIO 6</b></p>			

Brought Forward			R
<u>Pointing</u>  Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc  <u>Samples, etc</u>  Rates for brickwork, faced brickwork, etc shall include for all required samples			
<b><u>FACE BRICKWORK</u></b>			
<b><u>BRICKWORK IN FOUNDATION</u></b>			
<b><u>Brickwork of NFXE bricks (14 MPa nominal compressive strength) in class I mortar in loadbearing walls etc</u></b>			
1	280mm cavity brickwork with 50mm polystyrene infill	m2	9
<b><u>SUPERSTRUCTURE BRICKWORK</u></b>			
<b><u>Brickwork of NFXE bricks (14 MPa nominal compressive strength) in class I mortar in loadbearing walls etc</u></b>			
2	280mm cavity brickwork with 50mm polystyrene infill	m2	20
3	270mm cavity brickwork with 50mm polystyrene infill	m2	214
4	Half brick wall	m2	123
5	One brick wall	m2	35
<b><u>Mass brickwork in regular piers of NFP brick in class II mortar laid in stretcher bond</u></b>			
6	350x350mm face brick piers	m3	10
<b><u>FACE BRICKWORK</u></b>			
Carried Forward			R
Section No. 7 Bill No. 1 MASONRY <b>SABC</b> <b>STUDIO 6</b>			

Brought Forward			R
<u>External facings in approved face bricks (FBS)</u> <u>(Colour: Match Existing) with a PC Amount of R 5</u> <u>500.00 per thousand bricks delivered to site</u> <u>(excluding VAT) pointed with square recessed</u> <u>horizontal and vertical joints</u>			
7	One brick wall	m2	144
<u>BRICKWORK SUNDRIES</u>			
<u>Brickwork reinforcement</u>			
8	150mm Wide reinforcement built in horizontally.	m	558
<u>Hoop iron ties, cramps, etc</u>			
9	Wall ties	No	304
10	450 Long galvanised metal straps fixed onto steel columns, and built into the wall at every third course, with 10mm layers of jointex and 10mm x 10mm polyurethane sealant to SANS 1077, to architect's details.		
		No	190
<u>MOVEMENTS JOINTS ETC.</u>			
<u>Expansion joints</u>			
11	10mm Expansion joints	m2	
Carried to Final Summary			R
Section No. 7 Bill No. 1 MASONRY SABC STUDIO 6			



Item No	Quantity	Rate	Amount
<b><u>BILL NO. 8</u></b>			
<b><u>WATERPROOFING (CPAP Work Group No.120 Unless Otherwise Stated)</u></b>			
<b><u>PREAMBLES</u></b>			
(For preambles refer to :Specification materials and methods to be used"PW 371			
<b><u>Waterproofing</u></b>			
Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs			
<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>			
One layer 375 micron embossed polyethylene dampproof membrane (SANS 952-1985 type B) turn-ups not exceeding 300mm girth			
<b><u>SHEET OR MEMBRANE WATERPROOFING</u></b>			
<b><u>Waterproofing to reinforced concrete slabs</u></b>			
1	Apply 4mm torch on bitumen derbigum water proofing strictly in accordance with manufacturers spec with 150mm flashings on walls. Two coats silver aluminium coating. New waterproofing to be covered by 10 year manufacturers guarantee	m2	533
Carried to Final Summary			R
Section No. 8 Bill No. 1 WATERPROOFING SABC STUDIO 6			

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO. 9</u></b></p> <p><b><u>CARPENTRY AND JOINERY (CPAP Work Group No. 126 Unless Otherwise Stated)</u></b></p> <p><u>PREAMBLES</u></p> <p>(For preambles refer to :Specification materials and methods to be used"PW 371</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transomes, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts</p> <p><u>Decorative thermosetting plastic laminate covering</u></p> <p>Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish</p> <p><b><u>Wooden beams</u></b></p>			
1	200mm H x 100mm W laminated SA Pine wooden beams bolted to existing concrete beam acting as closer to suspended ceiling from slab. Finished with 2 coats clear vanish, sanded lightly between coats	m	42	
	<b>Carried Forward</b>		R	
	<p>Section No. 9</p> <p>Bill No. 1</p> <p>CARPENTRY AND JOINERY</p> <p><b>SABC</b></p> <p><b>STUDIO 6</b></p>			

Brought Forward				R
<u>Wall plates, bracing, purlins, battens, etc.</u>				
2	Install 228x50mm SA Pine ceiling Fascia to gallery ceilings.	m	129	
<u>Doors, windows, sashes, etc</u>				
<u>Doors, windows, sashes, fanlights, fly screens and shutters</u>				
3	Sound lock door size 1350 x 2650mm D20. Sem-solid Meranti veneer rebated single door with opening side panel with a solid meranti hardwood single rebate frame in drywall with 3 coats clear matt varnish. Lightly sanded between coats.Fixed with 3 brass plated butt hinges per leaf. handle - Union lockwith thumb cylinder lock. Concealed sliding bolts top and bottom	No	1	
4	Sound lock door size 877 x 2232mm D17/D18. Sem-solid Meranti veneer rebated single door with opening side panel with a solid meranti hardwood single rebate frame in drywall with 3 coats clear matt varnish. Lightly sanded between coats.Fixed with 3 brass plated butt hinges per leaf. handle - Union lockwith thumb cylinder lock. Concealed sliding bolts top and bottom.	No	2	
5	Sound lock door size 1270 x 2275mm D16. Sem-solid Meranti veneer rebated single door with opening side panel with a solid meranti hardwood single rebate frame in drywall with 3 coats clear matt varnish. Lightly sanded between coats.Fixed with 3 brass plated butt hinges per leaf. handle - Union lockwith thumb cylinder lock. Concealed sliding bolts top and bottom.	No	1	
6	Sound lock door size 1125 x 2650mm D3/D4/D22. Sem-solid Meranti veneer rebated single door with opening side panel with a solid meranti hardwood single rebate frame in drywall with 3 coats clear matt varnish. Lightly sanded between coats.Fixed with 3 brass plated butt hinges per leaf. handle - Union lockwith thumb cylinder lock. Concealed sliding bolts top and bottom.	No	3	
Carried Forward				R
Section No. 9 Bill No. 1 CARPENTRY AND JOINERY <b>SABC</b> <b>STUDIO 6</b>				

Brought Forward				R
7	<p>Timber double glazing windows size 1480 x 1300mm high. Purpose-made high density superwood frame - double frame with neoprene separation. Masonite Sarah-E clad with black felt fixed in cavity all around. 8mm safety glass on both size.</p> <p><u>Construct vertical cable ducts with cupboard doors hinged counter sunk steel butterfly hinges two per door. Door constructed of 50 x 50mm selected SA Pine frame with 6mm thick Masonite peg board matching wall panel fixed with counter sunk screws. Mineral wool wrapped in black plastic bag fixed with chicken mesh into thickness of door stapled to door frame. Doors fitted spring clips, top and bottom. Each door to be fitted with cupboard aluminium D-handle 100 long</u></p>	No	2	
8	<p>Construct vertical cable ducts with cupboard doors size 1200 x 8150mm high, hinged counter sunk steel butterfly hinges two per door. Door constructed of 50x50mm selected SA pine frame with 6mm thick masonite peg board matching wall panel fixed with counter sunk screws 50mm thick 47,5kg/cube.m. Mineral wool wrapped in black plastic bag fixed with chicken mesh into thickness of door stapled to door frame. Doors fitted with spring clips, top and bottom. Each door to be fitted with cupboard aluminium D-handle 100mm long.</p>	No	8	
9	<p>Construct vertical cable ducts with cupboard doors size 650 x 8150mm high, hinged counter sunk steel butterfly hinges two per door. Door constructed of 50x50mm selected SA pine frame with 6mm thick masonite peg board matching wall panel fixed with counter sunk screws 50mm thick 47,5kg/cube.m. Mineral wool wrapped in black plastic bag fixed with chicken mesh into thickness of door stapled to door frame. Doors fitted with spring clips, top and bottom. Each door to be fitted with cupboard aluminium D-handle 100mm long</p>	No	6	
Carried Forward				R
<p>Section No. 9 Bill No. 1 CARPENTRY AND JOINERY <b>SABC</b> <b>STUDIO 6</b></p>				

Brought Forward			R
10	Construct vertical cable ducts with cupboard doors size 1200 x 500mm high, hinged counter sunk steel butterfly hinges two per door. Door constructed of 50x50mm selected SA pine frame with 6mm thick masonite peg board matching wall panel fixed with counter sunk screws 50mm thick 47,5kg/cube.m. Mineral wool wrapped in black plastic bag fixed with chicken mesh into thickness of door stapled to door frame. Doors fitted with spring clips, top and bottom. Each door to be fitted with cupboard aluminium D-handle 100mm long	No	6
11	Construct vertical cable ducts with cupboard doors size 650 x 4450mm high, hinged counter sunk steel butterfly hinges two per door. Door constructed of 50x50mm selected SA pine frame with 6mm thick masonite peg board matching wall panel fixed with counter sunk screws 50mm thick 47,5kg/cube.m. Mineral wool wrapped in black plastic bag fixed with chicken mesh into thickness of door stapled to door frame. Doors fitted with spring clips, top and bottom. Each door to be fitted with cupboard aluminium D-handle 100mm long	No	2
<b><u>Panelling</u></b>			
<b><u>Acoustic and vermin-proof linings, fabric backings, etc.</u></b>			
12	Fix galvanized chicken mesh to plastered walls. Install 50x50mm selected SA pine wall battens in grid grid as indicated on elevation drawings. Fill blocks with 50mm thick 47,5kg/m3 density mineral wool. Cover mineral wool with Lantor cloth and fix 6mm thick Masonite boarding with 6mm holes with 25mm grid fixed to wall battens. Masonite to be painted with undercoat and 2 coats Plascon Acrylic PVA paint standard colour	m2	642
13	Fix galvanized chicken mesh to plastered walls. Install 50x50mm selected SA pine wall battens in grid grid as indicated on elevation drawings. Fill blocks with 50mm thick 47,5kg/m3 density mineral wool. Cover mineral wool with Lantor cloth and 22x55mm Mentis flatex 344 flattened expanded metal mesh Expaned metal treated with factory primer coat and factory sprayed matt black enamel two coat.	m2	450
<b>Carried to Final Summary</b>			R
Section No. 9			
Bill No. 1			
CARPENTRY AND JOINERY			
<b>SABC</b>			
<b>STUDIO 6</b>			

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 10</u></b>			
	<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING, ETC (CPAP Work Group No. 129 Unless Otherwise Stated)</u></b>			
	<u>PREAMBLES</u>			
	<u>(For preambles refer to :Specification materials and methods to be used"PW 371</u>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<u>Fixing</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere			
	<u>Ceilings</u>			
	Unless otherwise described ceilings shall be deemed to be horizontal			
	<u>Bulkheads</u>			
	Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features			
	Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 900mm. Where these dimensions are more than 900mm such portions of ceilings have been included in the appropriate general items of ceilings			
	<b>Carried Forward</b>			
	Section No. 10 Bill No. 1 CEILINGS, PARTITIONS AND ACCESS FLOORING <b>SABC STUDIO 6</b>		R	

Brought Forward		R
Unless otherwise described bulkheads shall be deemed to be horizontal along the length		
<u>Steel components</u>		
All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121		
<b><u>SUSPENDED CEILINGS</u></b>		
<u>Proprietary suspended ceilings</u>		
Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations		
<b><u>CEILINGS</u></b>		
<b><u>Suspended Ceilings</u></b>		
1	Supply and install selected 50 x 50mm SA Pine battens at 600 x 600mm centres. Supply and fit galvanized chicken mesh to underside of roof slab. Supply and fit in between battens 47.5 kg/m3 cubed density mineral wool fixed to chicken mesh with wire clips. Fix and staple lantor cloth and fix 3mm thick sarah E masonite boarding painted with undercoat and two coats Plastic Acrylic PVA paint standard colour.	m2 308
2	Supply and install vivid white Donn T-hangers at 600 x 600mm centres suspended slab in studio 300mm from roof slab and install Masonite Fine Fissure 600 x 600mm acoustic ceiling tiles laid into grid. Shadow line on one brick wall to be SM25 profile. Supply and install 50mm 47.5kg/m3 thick in black plastic bags sized to fit 600 x 600mm grid of ceiling.	m2 269
Carried Forward		R
Section No. 10 Bill No. 1 CEILINGS, PARTITIONS AND ACCESS FLOORING <b>SABC</b> <b>STUDIO 6</b>		

Brought Forward				R
<b><u>Partitions</u></b>				
3	Construct new drywall partition floor slab to roof slab 3700mm high consisting of 63mm galvanized studs, two gypsum boards 12.7mm thick each both sides in staggered joints. skim all joints and clad drywall with chicken mesh stapled to boarding. Cavity in drywall filled with 47.5kg/q.m mineral wool. dry wall cladded with 50x50mm selected SA pine brandering in grid 600x600mm. Fill blocks with 50mm thick 47,5kg/m3 density mineral wool. Cover mineral wool with Lantor cloth and fix 6mm thick Masonite boarding with 6mm holes with 25mm grid fixed over brandering with butt joints. Boards painted with undercoat and 2 coats Plascon Acrylic PVA paint- standard colour.	m	19	
4	Construct new drywall partition floor slab to roof slab 4300mm high consisting of 63mm galvanized studs, two gypsum boards 12.7mm thick each both sides in staggered joints. skim all joints and clad drywall with chicken mesh stapled to boarding. Cavity in drywall filled with 47.5kg/q.m mineral wool. dry wall cladded with 50x50mm selected SA pine brandering in grid 600x600mm. Fill blocks with 50mm thick 47,5kg/m3 density mineral wool. Cover mineral wool with Lantor cloth and fix 6mm thick Masonite boarding with 6mm holes with 25mm grid fixed over brandering with butt joints. Boards painted with undercoat and 2 coats Plascon Acrylic PVA paint- standard colour.	m	6	
<b><u>TYPE-B Acoustical wall panels</u></b>				
5	Construct new type b acoustical drywall partition floor slab to roof slab 3400mm high with double boards on both sides consisting of 63mm galvanized studs, two gypsum boards 12.7mm thick each both sides in staggered joints. skim all joints and clad drywall with chicken mesh stapled to boarding. Cavity in drywall filled with 47.5kg/q.m mineral wool. dry wall cladded with 50x50mm selected SA pine brandering in grid 600x600mm. Fill blocks with 50mm thick 47,5kg/m3 density mineral wool. Cover mineral wool with Lantor cloth and fix 6mm thick Masonite boarding with 6mm holes with 25mm grid fixed over brandering with butt joints. Boards painted with undercoat and 2 coats Plascon Acrylic PVA paint- standard colour.	m	12	
<b>Carried to Final Summary</b>				R
Section No. 10				
Bill No. 1				
CEILINGS, PARTITIONS AND ACCESS FLOORING				
<b>SABC</b>				
<b>STUDIO 6</b>				



Item No	Quantity	Rate	Amount
<b><u>BILL NO. 11</u></b>			
<b><u>FLOOR COVERINGS, WALL LININGS, ETC.(CPAP Work Group No. 130 Unless Otherwise Stated)</u></b>			
<b><u>PREAMBLES</u></b>			
(For preambles refer to :Specification materials and methods to be used"PW 371			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<u>Fixing</u>			
Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc			
<b><u>FLOOR COVERINGS</u></b>			
<b><u>Coverings and linings</u></b>			
1	Install sarlon® 15dB acoustic vinyl flooring in accordance with manufacturer's recommendations. FloorworX No. 62 acrylic adhesive.	m2	468
2	Install new tate computer floor or equally approved consisting of new pedestals and stringers and new 600x600mm metal computer floor panels finished with factory fitted HPL finish with shadow line on edges. Computer floor load classification to be medium loading including suitable for equipment racks and equipment.	m2	15
<b>Carried Forward</b>			R
Section No. 11 Bill No. 1 FLOOR COVERINGS, WALL LININGS, ETC <b>SABC</b> <b>STUDIO 6</b>			

[illegible]

[illegible]

Item No	Quantity	Rate	Amount
<b><u>BILL NO. 13</u></b>			
<b><u>STRUCTURAL STEELWORK (CPAP Work Group No. 134 Unless Otherwise Stated)</u></b>			
<u>PREAMBLES</u>			
(For preambles refer to :Specification materials and methods to be used"PW 371			
<i>Consideration is to be given in specific applications (eg where "heavy" steel structures such as in industrial plants, towers for mine shafts, etc are dominant) to implement the principles laid down by the "Measurement for Structural Steelwork" as prepared and recommended by the South African Institute of Steel Construction</i>			
<i>This bill however is based on the Standard System of Measuring Building Work Sixth Edition (Revised)</i>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<u>Descriptions</u>			
Descriptions of bolts shall be deemed to include nuts and washers			
Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete			
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
Provide lump sum and rates per tonne for the supply, fabrication, delivery and erection of the structural steelwork listed below. Steelwork to be Grade 350WA or S355JR(unless otherwise noted) in accordance with SANS 50025 (U.N.O). Rates to include for the preparation of fabrication drawings for approval.			
<b>Carried Forward</b>			R
Section No. 13 Bill No. 1 STRUCTURAL STEELWORK <b>SABC STUDIO 6</b>			

Brought Forward				R
<p>The prices are to include for all normal fabrication labours associated with the type of member described in the Bill, e.g. includes for normal chamfering and notching of flanges on beam to beam and beam to column connections. Weights of notches and holes etc, will not be deducted and weight of welding will not be added.</p> <p><b><u>STEELWORK</u></b></p> <p><b><u>Columns, beams and other members</u></b></p> <p><b><u>Steel columns</u></b></p>				
1	Steel columns C152X152X23	t	1.20	
<p><b><u>Steel beams</u></b></p> <p>Beams and 10mm thick end plate for supporting the slab</p>				
2	Steel beams 254x146x37UB. Top flange of new beam to be fixed against the soffit of the existing RC slab by M16 chemical anchors, spaced a 500mm centres. Steel beam to have 260 x 180 x 10mm welded end plates, bolted to existing RC beam by 4M20 chemical anchors.	t	1.10	
3	Steel beams 254x146x31UB. Top flange of new beam to be fixed against the soffit of the existing RC slab by M16 chemical anchors, spaced a 500mm centres. Steel beam to have 260 x 180 x 10mm welded end plates, bolted to existing RC beam by 4M20 chemical anchors.	t	6.26	
4	Steel beams 203x203x46UC. Top flange of new beam to be fixed against the soffit of the existing RC slab by M16 chemical anchors, spaced a 500mm centres. Steel beam to have 260 x 180 x 10mm welded end plates, bolted to existing RC beam by 4M20 chemical anchors.	t	12.10	
Carried Forward				R
<p>Section No. 13 Bill No. 1 STRUCTURAL STEELWORK <b>SABC</b> <b>STUDIO 6</b></p>				

Brought Forward			R	
5	Steel beams 203x203x71UC. Top flange of new beam to be fixed against the soffit of the existing RC slab by M16 chemical anchors, spaced a 500mm centres. Steel beam to have 260 x 180 x 10mm welded end plates, bolted to existing RC beam by 4M20 chemical anchors.	t	6.89	
6	Steel beams 203x133x25UB . Top flange of new beam to be fixed against the soffit of the existing RC slab by M16 chemical anchors, spaced a 500mm centres. Steel beam to have 260 x 180 x 10mm welded end plates, bolted to existing RC beam by 4M20 chemical anchors.	t	1.50	
7	Allow an amount of Two Hundred Fifty Thousand Rand Only (R250 000.00) for any unforeseen additional structural steelwork that may be necessary after demolitions and alteration work, to be used at the discretion of the principal agent.	Item		250,000.00
Carried to Final Summary			R	
Section No. 13				
Bill No. 1				
STRUCTURAL STEELWORK				
SABC				
STUDIO 6				

Item No	Quantity	Rate	Amount
<p><b><u>BILL NO. 14</u></b></p> <p><b><u>METALWORK (CPAP Work Group No. 136 Unless Otherwise Stated)</u></b></p> <p><u>PREAMBLES</u></p> <p><u>(For preambles refer to :Specification materials and methods to be used"PW 371</u></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Descriptions of bolts, anchors, etc</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p>			
<p><b>Carried Forward</b></p>			<p>R</p>
<p>Section No. 14  Bill No. 1  METALWORK  <b>SABC</b>  <b>STUDIO 6</b></p>			

<b>Brought Forward</b>	R
<p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass shall be maximum laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities as described in the headings to window descriptions. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>For purpose made windows and doors, refer to drawings annexed to these bills of quantities</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <p>1        A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</p> <p>2        A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively</p>	
<b>Carried Forward</b>	R
<p>Section No. 14 Bill No. 1 METALWORK <b>SABC</b> <b>STUDIO 6</b></p>	



Brought Forward			R
3	A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process		
4	A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked		
5	A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for period of not less than five years		
a			
<b><u>Sundry Steelwork</u></b>			
<b><u>Stairs, balustrading, cat ladders, grilles, gates, framework, etc</u></b>			
1	Allow an amount of Twenty Five thousand Rands only (25 000.00) for the construction of a steel staircase with 'Vastrap' treads. Treads min 270mm, Risers max 150mm. 50mm diameter handrail bolted to stairs and to wall and finished with matt enamel paint over factory painted oxide primer coat.	Item	25,000.00
2	Gallery balustrades, with 75 x 75mm 4.6m long mild steel post to underside of slab, 50 x 50mm mild steel handrail rode. Stainless mild stanchion post with clearVu fence with 1100mm wide gates	m 108	
Carried Forward			R
Section No. 14 Bill No. 1 METALWORK <b>SABC STUDIO 6</b>			

Brought Forward			R
3	Allow an amount of Two Hundred Thousand Rands Only (R200 000.00) for the replacement/refurbishment of existing mild steel columns in staircase to match existing profile. Sand down existing steel balustrades and finish with red oxide paint and 3 coats matt enamel paint. Supply and fit 75x50mm Meranti handrail on top of steel rail with rounded corners to match existing. Finish timer with 3 coats matt varnish sanded in between coats. All counter sunk crews to be plugged and filled to smooth surface. To be used at the discretion of the principal agent.	Item	200,000.00
<b><u>STEEL DOORS</u></b>			
<b><u>Pressed steel doors</u></b>			
4	Double steel rebated sound lock door size 3470 x 5650mm Door 1 and Door2 fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. Steel pin lock as per existing studio 7 doors.	No 2	
5	Sound lock door size 1360 x 2650mm D5/D6/D7( 2 right handed, 1left handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No 3	
6	Sound lock door size 1440 x 2800mm D8 (Right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No 1	
7	Sound lock door size 1360 x 2000mm D9/D10 (1 left handed, 1 right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No 2	
Carried Forward			R
Section No. 14 Bill No. 1 METALWORK <b>SABC STUDIO 6</b>			

	Brought Forward			R
8	Sound lock door size 1360 x 2550mm D11 ( Right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	1	
9	Sound lock door size 1470 x 250mm D14 (Right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	1	
10	Sound lock door size 900 x 2100mm D13/D13A (1 right handed, 1 left handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	2	
11	Sound lock door size 1470 x 2500mm D15/D15A (2 right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	2	
12	Sound lock door size 1440 x 2800mm D19 (Right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	1	
13	Sound lock door size 1360 x 2550mm D21 (Right handed). Steel rebated sound lock door fitted to new purpose made steel frame. Frame to be finished with hammertone finish, factory applied. Top needle roller hinge. Bottom single ball thrust bearing hinge. Cast aluminium door handle. With 2 x 6.25mm glass panels.	No	1	
<b><u>STEELWORK</u></b>				
<b><u>Adjustable louvres</u></b>				
Carried Forward				R
Section No. 14				
Bill No. 1				
METALWORK				
<b>SABC</b>				
<b>STUDIO 6</b>				

Brought Forward			R
<b><u>Mild Steel Louvres</u></b>			
14	Louvres size 3010 x 1260mm high. 82mm high x 1.5mm thick weather louvre in mild steel with factory primed red oxide primer with enamel paint. Sand down existing timber door and varnish 3 coats clear varnish sanded lightly between coats. 40mm wide x 50mm deep angle frame fabricated from mild steel with factory primed red oxide primer and 2 coats SABS approved matt enamel paint. Bird screen 10mm x 10mm grid x 1mm diameter wire bird mesh to be galvanized.	No	4
15	Louvres size 4160 x 1260mm high. 82mm high x 1.5mm thick weather louvre in mild steel with factory primed red oxide primer with enamel paint. Sand down existing timber door and varnish 3 coats clear varnish sanded lightly between coats. 40mm wide x 50mm deep angle frame fabricated from mild steel with factory primed red oxide primer and 2 coats SABS approved matt enamel paint. Bird screen 10mm x 10mm grid x 1mm diameter wire bird mesh to be galvanized.	No	2
Carried to Final Summary			R
Section No. 14			
Bill No. 1			
METALWORK			
<b>SABC</b>			
<b>STUDIO 6</b>			

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Item No	Quantity	Rate	Amount
<b><u>BILL NO. 16</u></b>			
<b><u>PLUMBING &amp; DRAINAGE (PROVISIONAL)</u></b> <b><u>(CPAP Work Group No. 148 Unless</u></b> <b><u>Otherwise Stated)</u></b>			
<b><u>PREAMBLES</u></b>			
For Preambles refer to"Department of Public Works: Specification Of Materials And Methods To Be Used - PW371"			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<u>Preambles</u>			
The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.			
<u>Proprietary Products In Descriptions</u>			
Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent			
<b><u>RAINWATER DISPOSAL</u></b>			
<b><u>Roof gutters, rainwater pipes, etc.</u></b>			
1			
	Item		100,000.00
<b><u>SLEEVES, HOLES, ETC.</u></b>			
<b><u>Holes</u></b>			
2	No	4	
Replace existing manhole covers.			
<b>Carried to Final Summary</b>			R
Section No. 16 Bill No. 1 PLUMBING AND DRAINAGE <b>SABC</b> <b>STUDIO 6</b>			

Item No	Quantity	Rate	Amount
<b><u>BILL NO.17</u></b>			
<b><u>ELECTRICAL WORK</u></b>			
<b><u>Preliminaries and General</u></b>			
1		SUM	
<b><u>Part 1</u></b>			
<b><u>CONDITIONS OF CONTRACT</u></b>			
<u>Provisional and General items in order to comply with the Conditions of Contract associated with the works contained in this document.</u>			
<b><u>PART 2</u></b>			
<b><u>STANDARD PRELIMINARIES</u></b>			
<u>Competency Certificates</u>			
2	m		
<u>Construction Regulation - Health &amp; Safety</u>			
<u>Work Programme</u>			
<u>Equipment Selections</u>			
<u>Workshop Drawings</u>			
<u>Performance Tests and Inspections</u>			
<u>Statutory tests and certification</u>			
<u>Training of Staff</u>			
<u>"As Built" drawings</u>			
<u>Operating and Maintenance manuals</u>			
<u>Liabilities Maintenance</u>			
<u>Pricing of Rates</u>			
<b>Carried Forward</b>		R	
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<b>Brought Forward</b>			R
<u>Increase in labour intensity</u>			
<b><u>OTHER ITEMS</u></b>			
<u>Any other items tenderers may wish to add of a preliminary and general nature not specifically mentioned above in order to comply with the specification and contract conditions.</u>			
<b><u>LOW VOLTAGE DISTRIBUTION</u></b>			
<b><u>DISTRIBUTION BOARDS</u></b>			
<u>The installation of the following distribution boards, inclusive of taking delivery, storage, rigging in place, positioning &amp; electrical terminations and issue of COC. Includes the supply of the boards - to be supplied by a specialist firm. To include for factory acceptance tests at manufacturer workshop (Supply &amp; Install)</u>			
<b><u>DB B14, B14E &amp; B14.5, B14.5E (Main DB - Second Floor)</u></b>			
3	Supply of DB	No	1
4	Off loading, taking delivery, attendance & storage	No	1
5	Rigging in place, positioning of the LV panel in plantroom	No	1
6	Installation, electrical connection, testing and commissioning of the LV panel	No	1
<b><u>DB B14.6, B14.6E (Sub DB - Third Floor)</u></b>			
7	Supply of DB	No	1
8	Off loading, taking delivery, attendance & storage	No	1
9	Rigging in place, positioning of the LV panel in plantroom	No	1
10	Installation, electrical connection, testing and commissioning of the LV panel	No	1
<b>Carried Forward</b>			R
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Brought Forward			R
<b><u>DB B14.6.1, B14.6.1E (Sub DB - AC Plant Room)</u></b>			
11	Supply of DB	No 1	
12	Off loading, taking delivery, attendance & storage	No 1	
13	Rigging in place, positioning of the LV panel in plantroom	No 1	
14	Installation, electrical connection, testing and commissioning of the LV panel	No 1	
<b><u>DB 14.5T (TV Tech Board - Second Floor)</u></b>			
15	Supply of DB	No 1	
16	Off loading, taking delivery, attendance & storage	No 1	
17	Rigging in place, positioning of the LV panel in plantroom	No 1	
18	Installation, electrical connection, testing and commissioning of the LV panel	No 1	
<b><u>CABLES</u></b>			
<b><u>600/1000V steel wire armoured cable in shaft, sleeve, trench, on cable rack or on surface, including strapping or clamping, supports, etc. (Supply &amp; Installation)</u></b>			
19	2.5 mm <sup>2</sup> x 4 core	m	
20	4 mm <sup>2</sup> x 4 core	m 200	
21	6 mm <sup>2</sup> x 4 core	m 10	
22	10 mm <sup>2</sup> x 4 core	m 400	
23	16 mm <sup>2</sup> x 4 core	m 220	
24	25 mm <sup>2</sup> x 4 core	m 40	
25	35 mm <sup>2</sup> x 4 core	m 100	
<b>Carried Forward</b>			R
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	Brought Forward			R
26	50 mm <sup>2</sup> x 4 core	m	60	
27	70 mm <sup>2</sup> x 4 core	m	10	
28	95 mm <sup>2</sup> x 4 core	m	60	
29	120 mm <sup>2</sup> x 4 core	m	10	
30	150 mm <sup>2</sup> x 4 core	m	100	
31	185 mm <sup>2</sup> x 4 core	m	200	
<b><u>CABLE TERMINATIONS</u></b>				
<b><u>Terminate and connect 600/1000V steel wire armoured Cu cable, including drilling, bolting, lugs, number tags, core markers, gland, shroud, heat shrink, etc. (Supply &amp; Installation)</u></b>				
32	2.5 mm <sup>2</sup> x 4 core	No		
33	4 mm <sup>2</sup> x 4 core	No	8	
34	6 mm <sup>2</sup> x 4 core	No	2	
35	10 mm <sup>2</sup> x 4 core	No	10	
36	16 mm <sup>2</sup> x 4 core	No	8	
37	25 mm <sup>2</sup> x 4 core	No	4	
38	35 mm <sup>2</sup> x 4 core	No	6	
39	50 mm <sup>2</sup> x 4 core	No	4	
40	70 mm <sup>2</sup> x 4 core	No	2	
41	95 mm <sup>2</sup> x 4 core	No	6	
42	120 mm <sup>2</sup> x 4 core	No	4	
43	150 mm <sup>2</sup> x 4 core	No	2	
44	185 mm <sup>2</sup> x 4 core	No	20	
<b>Carried Forward</b>				
Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>				R

Brought Forward			R
<b><u>EARTH CONDUCTORS</u></b>			
<b><u>Copper earth conductor with green &amp; yellow insulation outer sheath in trench or sleeve, on racking, steelwork or strapped to cable (Supply &amp; Installation)</u></b>			
45	4 mm <sup>2</sup> copper conductor	m	200
46	6 mm <sup>2</sup> copper conductor	m	10
47	10 mm <sup>2</sup> copper conductor	m	400
48	16 mm <sup>2</sup> copper conductor	m	220
49	25 mm <sup>2</sup> copper conductor	m	40
50	35 mm <sup>2</sup> copper conductor	m	100
51	50 mm <sup>2</sup> copper conductor	m	60
52	70 mm <sup>2</sup> copper conductor	m	10
53	95 mm <sup>2</sup> copper conductor	m	60
54	120 mm <sup>2</sup> copper conductor	m	10
55	150 mm <sup>2</sup> copper conductor	m	100
56	185 mm <sup>2</sup> copper conductor	m	200
<b><u>EARTH TERMINATIONS</u></b>			
<b><u>Terminate and connect earth conductor including lug, bolt, nut, etc. (Supply &amp; Installation)</u></b>			
57	4 mm <sup>2</sup> conductor termination	No	8
58	6 mm <sup>2</sup> conductor termination	No	2
59	10 mm <sup>2</sup> conductor termination	No	10
60	16 mm <sup>2</sup> conductor termination	No	8
Carried Forward			R
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Brought Forward			R
61	25 mm <sup>2</sup> conductor termination	No	4
62	35 mm <sup>2</sup> conductor termination	No	6
63	50 mm <sup>2</sup> conductor termination	No	4
64	70 mm <sup>2</sup> conductor termination	No	2
65	95 mm <sup>2</sup> conductor termination	No	6
66	120 mm <sup>2</sup> conductor termination	No	4
67	150 mm <sup>2</sup> conductor termination	No	2
68	185 mm <sup>2</sup> conductor termination	No	20
<b><u>CABLE JOINTS</u></b>			
<b><u>Joint kit for 600/1000V steel wire armoured cables in shaft, sleeve, trench, on cable rack or on surface, including strapping or clamping, supports, etc. (Supply &amp; Installation)</u></b>			
69	185 mm <sup>2</sup> x 4 core	No	10
<b><u>Join earth conductors together including suitable ferrule and heat shrink, etc. (Supply &amp; Installation)</u></b>			
70	185 mm <sup>2</sup> copper conductor	No	10
<b><u>CABLE TRAY</u></b>			
<b><u>Heavy-duty, powder coated (colours as per drawings) cable trays including all accessories, floor/wall/soffit mounted horizontally/vertically on a P1000 stand off bracket or P4000 unistrut hanger with 10mm <math>\phi</math> threaded rod suspensions [1000mm dropper] for overhead installation. The Contractor to allow for splice sets, reducers, elbows, risers, droppers, T-pieces, bonding of cable ways etc. (Supply &amp; Installation)</u></b>			
Carried Forward			R
Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC</b> <b>STUDIO 6</b>			

Brought Forward				R
<b><u>Straight cable tray [including off sets]</u></b>				
71	150mm Wide	m	180	
72	300mm Wide	m	340	
73	400mm Wide	m	340	
74	500mm Wide	m	10	
75	600mm Wide	m	450	
76	800mm Wide	m	70	
77	1000mm Wide	m		
<b><u>Horizontal bend,</u></b>				
78	150mm Wide	No	2	
79	300mm Wide	No	12	
80	400mm Wide	No	20	
81	500mm Wide	No	1	
82	600mm Wide	No	10	
83	800mm Wide	No	2	
84	1000mm Wide	No		
<b><u>External/Internal elbow</u></b>				
85	150mm Wide	No	2	
86	300mm Wide	No	12	
87	400mm Wide	No	20	
88	500mm Wide	No	1	
89	600mm Wide	No	10	
Carried Forward				R
Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>				

		Brought Forward		R
90	800mm Wide	No	2	
91	1000mm Wide	No		
	<b><u>Tee-Junction</u></b>			
92	150mm Wide	No	2	
93	300m Wide	No	4	
94	400mm Wide	No	2	
95	500mm Wide	No	1	
96	600mm Wide	No	1	
97	800mm Wide	No	1	
98	1000mm Wide	No		
	<b><u>CABLE LADDERS</u></b>			
	<b><u>Heavy-duty cable ladders, hot-dip galvanised (HDG) finish including all accessories, floor/wall/soffit mounted horizontally/vertically on a P1000 stand off bracket or P4000 unistrut hanger with 10mm <math>\phi</math> threaded rod suspensions [1000mm dropper] for overhead installation. The Contractor to allow for splice sets, reducers, elbows, risers, droppers, T-pieces, bonding of cable ways etc. (Supply &amp; Installation)</u></b>			
99	150mm Wide	m		
100	300mm Wide	m	20	
101	400mm Wide	m		
102	500mm Wide	m		
103	600mm Wide	m	10	
104	800mm Wide	m	10	
		Carried Forward		R
	Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>			

		Brought Forward		R	
	<b><u>Horizontal bend</u></b>				
105	150mm Wide	No			
106	300mm Wide	No	2		
107	400mm Wide	No			
108	500mm Wide	No			
109	600mm Wide	No	1		
110	800mm Wide	No	1		
	<b><u>External/Internal elbow</u></b>				
111	150mm Wide	No			
112	300mm Wide	No	2		
113	400mm Wide	No			
114	500mm Wide	No			
115	600mm Wide	No	4		
116	800mm Wide	No	4		
	<b><u>Tee-Junction</u></b>				
117	150mm Wide	No			
118	300mm Wide	No	2		
119	400mm Wide	No			
120	500mm Wide	No			
121	600mm Wide2200.96	No	1		
122	800mm Wide	No	1		
	<b><u>SUBSTATION FITTINGS AND ACCESSORIES</u></b>				
		Carried Forward		R	
	Section No. 17				
	Bill No. 1				
	ELECTRICAL WORK				
	<b>SABC</b>				
	<b>STUDIO 6</b>				

	Brought Forward			R
	<b><u>Provide complete furnished and fitted LV cupboard, plantroom per standard specification (Supply &amp; Installation)</u></b>			
123	Notices and Danger Signs - L.V. Cupboards / Plantroom	No	4	
124	A0 drawing display frame in LV Cupboards /Plantroom	No	4	
	<b><u>TESTING AND COMMISSIONING</u></b>			
125	Test, commission and certify entire electrical installation			SUM
126	Issue Electrical Certificate of Compliance (COC) for all distribution boards and the entire installation			SUM
	<b><u>POWER INSTALLATION</u></b>			
	<b><u>CONDUIT</u></b>			
	<b><u>SANS approved galvanised conduit complete with bends, joints, adaptors, couplings, saddles, cutting, etc. (Supply &amp; Installation)</u></b>			
	<b><u>Built or chased into brickwork or dry-wall</u></b>			
127	20 mm $\phi$ conduit	m	200	
128	25 mm $\phi$ conduit	m	50	
129	32 mm $\phi$ conduit	m		
130	50 mm $\phi$ conduit	m	40	
	<b><u>Surface mounted to any surface by means of stand-off saddles (Supply &amp; Installation)</u></b>			
131	20 mm $\phi$ conduit	m	1,800	
132	25 mm $\phi$ conduit	m	220	
133	32 mm $\phi$ conduit	m		
134	50 mm $\phi$ conduit	m	200	
	<b>Carried Forward</b>			R
	Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>			



Brought Forward				R
<b><u>PVC conduit chased onto brickwork or dry-wall (Supply &amp; Installation)</u></b>				
135	20 mm $\phi$ conduit	m	250	
136	25 mm $\phi$ conduit	m	250	
137	32 mm $\phi$ conduit	m	200	
138	50 mm $\phi$ conduit	m	100	
<b><u>PVC conduit cast into concrete (Supply &amp; Installation)</u></b>				
139	20 mm $\phi$ conduit	m	250	
140	25 mm $\phi$ conduit	m	250	
141	32 mm $\phi$ conduit	m	200	
142	50 mm $\phi$ conduit	m	100	
<b><u>CONDUIT BOXES</u></b>				
<b><u>Surface or flush mounted galvanised conduit boxes including fixing to conduit with necessary locknuts, adaptors, bushes, etc.(Supply &amp; Installation)</u></b>				
143	100 x 100 x 50mm outlet box	No	80	
144	100 x 50 x 50mm outlet box	No	60	
145	60mm round outlet box	No	100	
146	60mm diameter cover plate	No	100	
147	100 x 100 blank cover plates	No	80	
148	100 x 50 blank cover plates	No	60	
<b><u>FITTINGS AND ACCESSORIES</u></b>				
Carried Forward				R
Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>				

	Brought Forward			R
	<b><u>Fittings and accessories complete with all necessary screws, cover plates, labelling, cradles, including all holes, drilling, etc. (Supply &amp; Installation)</u></b>			
149	16A, 3-Pin flush mounted switched socket outlet	No	50	
150	16A, 3-Pin flush mounted switched socket outlet, [double]	No	10	
151	16A, 3-Pin industrial switched socket outlet complete with surface mounted box, weatherproof	No	2	
152	16A, 3-Pin flush mounted UPS power switched socket outlet with keyed earth pin [Red "D" earth pin]	No	30	
153	16A Single phase D.P. isolator complete with surface mounted box	No	3	
154	32A Single phase D.P. isolator complete with surface mounted box	No	1	
155	32A Single phase isolator [weatherproof IP55] complete with weatherproof box	No	1	
156	60A Single phase isolator [weatherproof IP55] complete with weatherproof box	No		
157	16A Three phase isolator complete with surface mounted box	No	3	
158	30A Three phase isolator complete with surface mounted box	No	1	
159	60A Three phase isolator complete with surface mounted box	No	3	
160	16A Three phase isolator [weatherproof IP55] complete with weatherproof box	No		
161	30A Three phase isolator [weatherproof IP55] complete with weatherproof box	No		
162	60A Three phase isolator [weatherproof IP55] complete with weatherproof box	No		
	<b>Carried Forward</b>			R
	Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>			

	Brought Forward			R
163	32A 3 pin Marechal surface mounted plug on P9000	No		
164	13A, 3-Pin square industrial switched socket outlet complete with surface mounted on P9000	No		
165	100A Three phase isolator complete with surface mounted box	No	1	
166	300A Three phase isolator complete with surface mounted box	No	1	
<b><u>TRUNKING</u></b>				
<b><u>Powder coated (colours as per drawings) trunking complete with powder coated metal cover plates, splices and all necessary supports, painting, knock-outs, clamps, hanger rods, channel clamps, etc. (Supply &amp; Installation)</u></b>				
167	P9000 unistrut with powder coated metal covers and hanger brackets at 1500 intervals	m	1,000	
168	P8200 unistrut with powder coated metal covers and hanger brackets at 1500 intervals	m	480	
169	P2000 unistrut with powder coated metal covers and hanger brackets at 1500 intervals	m	100	
<b><u>4 Way Cross</u></b>				
170	P9000	No	4	
171	P8200	No	4	
172	P2000	No	4	
<b><u>T-Piece</u></b>				
173	P9000	No	20	
174	P8200	No	40	
175	P2000	No	20	
<b>Carried Forward</b>				R
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	Brought Forward			R
	<b><u>90 deg bend</u></b>			
176	P9000	No	100	
177	P8200	No	50	
178	P2000	No	10	
	<b><u>End cap</u></b>			
179	P9000	No	50	
180	P8200	No	20	
181	P2000	No	10	
	<b><u>POWERSKIRTING</u></b>			
	<b><u>Power skirting, metallic powder coated (colour to be confirmed), complete with covers and accessories. Equal or similar to O-Line or Cabstrut. (Supply &amp; Installation)</u></b>			
182	Two compartment power skirting	No	40	
183	Ditto 90° external/internal elbow	No	4	
184	Ditto 45° external/internal elbow	No		
185	Ditto T-piece	No	2	
186	Ditto end caps	No	4	
187	Telephone and data outlet cover plates suitable for surface mounted outlets	No	8	
188	20A Isolator with gripper gland on power skirting, complete with cover	No		
189	16A normal power SSO on power skirting, complete with pre-punched cover.	No	10	
190	16A Red UPS power SSO on power skirting, complete with pre-punched cover.	No	10	
	<b>Carried Forward</b>			R
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	<b>Brought Forward</b>		R
191	Cut-out in back of power skirting for 100 x 50mm outlet box including grommets	No	4
	<b><u>CONDUCTORS</u></b>		
	<b><u>600/1000V insulated copper conductors into conduit, trunking or power skirting, including conductor identification labels, terminating, etc. (Supply &amp; Installation)</u></b>		
192	2.5 mm <sup>2</sup> conductor	m	11,000
193	4 mm <sup>2</sup> conductor	m	16,000
194	6 mm <sup>2</sup> conductor	m	10
	<b><u>Insulated copper earth conductor into conduit, trunking, etc.</u></b>		
195	2.5 mm <sup>2</sup> green insulated conductor	m	5,500
196	4 mm <sup>2</sup> green insulated conductor	m	8,000
197	6 mm <sup>2</sup> green insulated conductor	m	5
	<b><u>"Surfix" cable into conduit, trunking, etc.</u></b>		
198	2.5 mm <sup>2</sup> 3-core (live, neutral & earth) "surfix" cable	m	150
199	4 mm <sup>2</sup> 3-core (live, neutral & earth) "surfix" cable	m	100
200	6 mm <sup>2</sup> 3-core (live, neutral & earth) "surfix" cable	m	20
	<b><u>Terminate and connect "Surfix" Cu cable, including drilling, bolting, lugs, number tags, core markers, gland, shroud, heat shrink, etc. (Supply &amp; Installation)</u></b>		
201	2.5 mm <sup>2</sup> 3-core (live, neutral & earth) "surfix" cable	No	30
202	4 mm <sup>2</sup> 3-core (live, neutral & earth) "surfix" cable	No	20
	<b><u>LIGHTING INSTALLATION</u></b>		
	<b><u>CONDUIT</u></b>		
	<b>Carried Forward</b>		R
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Brought Forward			R
<b><u>SANS approved galvanised conduit complete with bends, joints, adaptors, couplings, saddles, cutting, etc.(Supply &amp; Installation)</u></b>			
<b><u>Built or chased into brickwork or dry-wall</u></b>			
203	20 mm $\phi$ conduit	m	504
204	25 mm $\phi$ conduit	m	
205	32 mm $\phi$ conduit	m	
<b><u>Surface mounted to any surface by means of stand-off saddles (Supply &amp; Installation)</u></b>			
206	20 mm $\phi$ conduit	m	1,512
207	25 mm $\phi$ conduit	m	
208	32 mm $\phi$ conduit	m	
<b><u>PVC conduit chased onto brickwork or dry-wall (Supply &amp; Installation)</u></b>			
209	20 mm $\phi$ conduit	m	
210	25 mm $\phi$ conduit	m	
211	32 mm $\phi$ conduit	m	
<b><u>PVC conduit cast into concrete (Supply &amp; Installation)</u></b>			
212	20 mm $\phi$ conduit	m	
213	25 mm $\phi$ conduit	m	
214	32 mm $\phi$ conduit	m	
<b><u>CONDUIT BOXES</u></b>			
Carried Forward			R
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	Brought Forward			R
	<b><u>Surface or flush mounted galvanised conduit boxes including fixing to conduit with necessary locknuts, adaptors, bushes, etc. (Supply &amp; Installation)</u></b>			
215	100 x 100 x 50mm outlet box	m	50	
216	100 x 50 x 50mm outlet box	m	203	
217	60mm round outlet box	m	410	
218	60mm diameter cover plate	m		
219	100 x 100 blank cover plates	m		
220	100 x 50 blank cover plates	m		
	<b><u>LUMINAIRES</u></b>			
	<b><u>The supply, installation and electrical connection of light fittings including bolts, nuts, brackets, cable with plug-top for power, cut-outs in ceiling, identification marks, etc. INCLUDING cost of the fittings. Refer luminaire schedule for description (Supply &amp; Installation)</u></b>			
	<b><u>Type C1</u></b>			
221	Supply	No	100	
222	Install	No	100	
	<b><u>Type D1</u></b>			
223	Supply	No		
224	Install	No	50	
	<b><u>Type E1</u></b>			
225	Supply	No	32	
226	Install	No	32	
	Carried Forward			R
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		<b>Brought Forward</b>		R	
	<b><u>Type E1-E</u></b>				
227	Supply	No	8		
228	Install	No	8		
	<b><u>Type E2</u></b>				
229	Supply	No	50		
230	Install	No	50		
	<b><u>Type E3</u></b>				
231	Supply	No	130		
232	Install	No	130		
	<b><u>Type F</u></b>				
233	Supply	No	30		
234	Install	No	30		
	<b><u>Type N1</u></b>				
235	Supply	No			
236	Install	No	12		
	<b><u>Type Q</u></b>				
237	Supply	No			
238	Install	No	16		
	<b><u>Type R1</u></b>				
239	Supply	No			
240	Install	No	8		
	<b><u>Type U</u></b>				
241	Supply	No			
		<b>Carried Forward</b>		R	
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		<b>Brought Forward</b>		R	
242	Install	No	16		
	<b><u>Type U2</u></b>				
243	Supply	No			
244	Install	No	8		
	<b><u>Type V</u></b>				
245	Supply	No			
246	Install	No	4		
	<b><u>Type W</u></b>				
247	Supply	No			
248	Install	No	5		
	<b><u>LIGHT SWITCHES &amp; SOCKETS</u></b>				
	<b><u>Light switches, complete with all necessary connections, labelling, screws, cover plates, etc. (Supply &amp; Installation)</u></b>				
249	16A One lever one-way light switch, flush mount	No	21		
250	16A Two lever one-way light switch, flush mount	No	4		
251	16A One lever two-way light switch, flush mount	No	19		
252	16A Two lever two-way light switch, flush mount	No	4		
253	16A One lever one-way light switch, with bell-press for dimming flush mount	No	20		
254	5A, 3 Pin surface mounted unswitched socket outlet, complete with surface 50 x 50 box and cover	No	120		
255	1 way intermediate gang light switch in 50x100mm recessed outlet box	No	6		
	<b><u>CONDUCTORS</u></b>				
		<b>Carried Forward</b>		R	
	Section No. 17				
	Bill No. 1				
	ELECTRICAL WORK				
	<b>SABC</b>				
	<b>STUDIO 6</b>				

		<b>Brought Forward</b>		R
	<u><b>Insulated copper conductors into conduit, trunking, including conductor identification labels, terminating, etc. (Supply &amp; Installation)</b></u>			
256	2.5 mm <sup>2</sup> conductor	m	4,032	
	<u><b>Insulated copper earth conductor into conduit, trunking, etc.</b></u>			
257	2.5 mm <sup>2</sup> conductor	m	2,016	
	<u><b>TESTING AND COMMISSIONING</b></u>			
258	Testing and commissioning of the entire lighting installation contained in this section.			SUM
	<u><b>ELECTRONIC SERVICES</b></u>			
	<u><b>CONDUITS</b></u>			
	<u><b>Supply and installation of galvanised conduit, complete with all accessories (Supply &amp; Installation)</b></u>			
259	25 mm $\phi$ on surface	m	800	
260	25 mm $\phi$ built in brickwork or dry-wall	m	200	
	<u><b>Supply and installation of PVC conduit, complete with all accessories (Supply &amp; Installation)</b></u>			
261	25 mm $\phi$ on surface	m	800	
262	25 mm $\phi$ built in brickwork or dry-wall	m	200	
263	32 mm $\phi$ built in brickwork or dry-wall	m		
264	50 mm $\phi$ built in brickwork or dry-wall	m		
	<u><b>Supply and installation of flexible galvanised conduit, complete with all accessories (Supply &amp; Installation)</b></u>			
265	25 mm $\phi$	m	500	
		<b>Carried Forward</b>		R
	Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>			

Brought Forward			R
<b><u>Galvanised conduit boxes, complete with conduit terminations and accessories (Supply &amp; Installation)</u></b>			
266	60mm round outlet box	No 219	
267	100 x 100 x 50mm outlet box	No 15	
268	100 x 50 x 50mm outlet box	No 15	
269	60mm diameter cover plate	No 219	
270	100 x 100 blank cover plates	No 15	
271	100 x 50 blank cover plates	No 15	
272	Draw-wire pulled into conduits	No 2,750	
<b><u>PRIME COST AMOUNTS</u></b>			
<b><u>Assumed a period of 2 weeks (over and above commissioning and testing of individual equipment and installations). May be done during normal hours and/or after hours</u></b>			
273	Prime cost amount for the supply of light fittings	Item	300,000.00
274	Allow for placing of orders, taking delivery and on site storage and Allow for profit and mark-up.	Item	54,000.00
275	Provisional allowance for electrical works associated with temporary and unforeseen works	Item	50,000.00
276	Provisional allowance for electrical works associated with lighting installation	Item	50,000.00
277	Provisional allowance for electrical works infra red scanning	Item	15,000.00
278	Provisional allowance for electrical works associated with specialised earthing	Item	60,000.00
279	Provisional allowance for electrical works associated with HVAC installation	Item	60,000.00
280	Provisional allowance for integrated system testing	Item	70,000.00
<b>Carried to Final Summary</b>			R
Section No. 17 Bill No. 1 ELECTRICAL WORK <b>SABC STUDIO 6</b>			

Item No	Quantity	Rate	Amount
<b><u>BILL NO.18</u></b>			
<b><u>HEATING, VENTILATION AND AIR CONDITIONING</u></b>			
<b><u>Preliminaries and General</u></b>			
<b><u>Special Preliminary and General Conditions Pertaining to this Subcontract</u></b>			
1	Shop Drawings	Item	
2	Engineering Services	Item	
3	12 Months Maintenance (as per spec)	Item	
4	Test and Inspections	Item	
<b><u>Inspection of Documents</u></b>			
<p><u>It is hereby deemed that the tenderer shall have carried out a full and detailed inspection of all drawings, tender documents ( Part1,2,3,4 ) and site conditions prior to the submission of the tender for this project. By such an inspection the tenderer shall be deemed to be fully informed in all matters which may influence his tender. No claim of any nature whatsoever will be considered after the submission of tenders, due to failure on the part of the tenderer to fulfill the obligation.</u></p> <p><u>Cognisance must be taken of all the information when pricing. Should the tenderer consider that inadequate information has been provided he shall apply in writing to Graeme Page Consulting Engineers for complete information, as no claim in this respect will be considered after receipt of tenders.</u></p>			
<b>Carried Forward</b>			<b>R</b>
Section No. 18 Bill No. 1 HVAC <b>SABC</b> <b>STUDIO 6</b>			

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>Contract</u></b></p> <p><u>The successful tenderer for the Heating, Ventilation and Air Conditioning installation will be appointed as a selected sub-contractor to the main contractor.</u></p> <p><u>The preliminaries applicable to the Main Contract Agreement are included in Part 3 of this tender document.</u></p> <p><u>The Terms and Conditions of Contract shall be in general accordance with JBCC Series 2000 <b>Edition 6.1</b> published March 2014 N-S Subcontract Agreement Contract Data SE</u></p> <p><u>The penalties for late completion shall be as stated in the preliminaries applicable to the Main Contract Agreement in Part 3 of this tender document.</u></p> <p><b><u>Contract Period</u></b></p> <p>The construction on site has already commenced and practical completion for the project will be as provided by the PQS documentation.</p> <p>Tenderers are to ensure that they can comply with the programme requirements of the Main Contract. High level program is included by the PQS</p> <p><b><u>Pricing of Tenders</u></b></p> <p>Prices are required to be included in the tender for each offer and in the right is hereby reserved to accept all or part of the items listed and priced for. The prices shall be presented and be compiled in the tender pricing schedule included in Part 1.</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 18 Bill No. 1 HVAC <b>SABC</b> <b>STUDIO 6</b></p>		R	

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>Foreign Exchange Risks</u></b></p> <p>Preference will be given to tenders for which forward cover against foreign exchange variations will be provided by the tenderer. The tenderer shall state in the Price Adjustment Schedule whether he will provide this cover.</p> <p>If no mention is made, it is accepted that the contractor allowed in the tender price for forward cover against foreign exchange variations. If the contract price or part thereof is subjected to adjustment for variations in rates of foreign exchange, the rate applied shall be that ruling at the date of the contractual despatch ex-factory</p> <p><b><u>Escalation</u></b></p> <p>The fully completed tender price and rates shall be fixed and firm for the duration of the contract and shall not be subjected to escalation.</p> <p><b><u>Value Added Tax</u></b></p> <p>Tenderers shall allow for Value Added Tax in the tender prices as indicated in the Form of Tender and if applicable, the Schedule of Quantities. VAT is currently applicable and shall apply. Should the percentage tax be adjusted during the currency of the contract, the increase or decrease will apply only to such materials as have been purchased at the date of the change.</p> <p><b><u>Alternative Offers</u></b></p> <p>If the Tenderer wishes to submit other offers in place of any of the provisions of the Requirements for Tendering, Conditions of Contract, Specification or Schedules, he shall set out details of his proposals in a separate covering letter.</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 18 Bill No. 1 HVAC <b>SABC STUDIO 6</b></p>		R	
		R	

<b>Brought Forward</b>				R
<b><u>Schedule of Sub-Contracts</u></b>				
<p>The Tenderer shall state in the Schedule of Proposed Sub-Contractors the name of any Sub-Contractors he proposes to employ to assist him to complete the Works and the proposed extent of the Sub-Contractor's responsibilities.</p> <p>All sub-contractors who are proposed to be used during the contract must be nominated in order of the Engineer or Client's representative to sanction such choices</p>				
<b><u>Copyright</u></b>				
<p>No part of any document enclosed in this enquiry may be copied, photographed or repeated in any manner or by any processes without the written consent of the Engineer. Copyright is reserved on all designs, specifications, patents and patentable designs, systems and processes contained in the documents and drawings. The person, firm, body or contractor to whom these documents and drawings are issued or made available, shall be held responsible, jointly or severally, in their personal and corporate capabilities for any contravention of this requirement for tendering and/or copyright clause contained in the documents</p>				
<b><u>Existing Air Handling Units</u></b>				
5	Dismantling, demolition and removal of existing Air Handling Units and associated ducting, chilled water piping.		Item	
<b><u>TV Production Studio</u></b>				
6	Supply and install new chilled water air handling units, c/w humidity control, new electronic control valves. Units to be built in situ on site.	m2	574	
<b><u>Equipment Room</u></b>				
7	Supply and install closed control chilled water top discharge unit c/w humidity control. New electronic control valves.	m2	33	
<b>Carried Forward</b>				R
<p>Section No. 18 Bill No. 1 HVAC <b>SABC</b> <b>STUDIO 6</b></p>				

Brought Forward			R
<b><u>Control Room</u></b>			
8	Supply and install new chilled water air handling units, c/w humidity control, new electronic control valves. Units to be built in situ on site.	m2	241
<b><u>Ducting</u></b>			
9	Category 4 internally insulated ducting for TV Production Studio supply and return air ducting.	m2	1,050
<b><u>Sound Attenuation</u></b>			
10	Sound attenuators supplied and installed to ensure NC levels as per SABC requirements	Item	
<b><u>BMS integration</u></b>			
11	New AHUs to be integrated into existing Johnson Controls BMS	Item	
<b><u>Fire Dampers</u></b>			
12	Fusible link fire dampers in supply and return ducting through fire walls.	Item	
<b><u>Rigging of Equipment</u></b>			
13	Equipment rigging from parking to the plant room.	Item	
<b><u>Chilled Water Piping and Valves</u></b>			
14	Supply and installation of new insulated chilled water piping for supply and return. New valves	Item	
Carried to Final Summary			R
Section No. 18			
Bill No. 1			
HVAC			
<b>SABC</b>			
<b>STUDIO 6</b>			



Item No	Quantity	Rate	Amount
<b>BILL NO.19</b>			
<b><u>Preliminaries and General</u></b>			
<b><u>TENDER DOCUMENTATION</u></b>			
<p>The Tenderers shall check the number of pages, and should any be missing or duplicate or the reproduction be indistinct, or if any doubt exist as to the full extent and meaning of any description, or this document contains any obvious errors, the Tenderers shall notify the <b>Fire Engineer</b> at once for rectification. No liability whatsoever will be admitted in respect of errors in any tender due to above-mentioned causes.</p>			
<b><u>DESCRIPTION OF PROJECT</u></b>			
<p>As a rough guide only to Tenderers, the work in this contract comprises:</p> <p>The installations of new;</p> <ul style="list-style-type: none"> <li>• Detection and alarm system</li> <li>• Gas suppression system</li> <li>• Smoke ventilation system</li> <li>• Fire extinguishers</li> <li>• Fire hose reels</li> <li>• Fire hydrants</li> <li>• Fire doors</li> <li>• Sealing of penetrations through fire walls</li> </ul>			
<b>Carried Forward</b>		R	
Section No. 19 Bill No. 1 FIRE PROTECTION <b>SABC</b> <b>STUDIO 6</b>			

<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>SUBMISSION OF TENDERS</u></b></p> <p>The Form of Tender is to be competed in full and returned in a sealed envelope marked:</p> <ul style="list-style-type: none"> <li>Tender for fire protection systems for the SABC – Studio 6 revamp</li> </ul> <p>The Tender is to be returned to the office of <b>FENCO Fire Engineers &amp; Consultants</b> on or before the closing time and date. Tenders will not be opened in public. No other details of the submissions will be disclosed.</p> <p><b><u>INSPECTION OF SITE DRAWINGS</u></b></p> <p>Site drawings will be made available on request</p> <p><b><u>INSPECTION OF SITE</u></b></p> <p>Site inspections will be made available on request</p> <p><b><u>TENDER DOCUMENTATION</u></b></p> <p>The tenderers shall check the number of pages</p> <p><b><u>FLUCTUATION OF BUILDING COST</u></b></p> <p>The tender shall remain fixed for the duration of the project.</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 19 Bill No. 1 FIRE PROTECTION <b>SABC STUDIO 6</b></p>		R	
		R	

Brought Forward		R
<b><u>TENDERS</u></b>		
Value Added Tax (VAT) needs to be excluded in pricing		
<b><u>NOTES REGARDING INSTALLATION</u></b>		
All Builder's Work and electrical supplies will be carried out by others.		
<b><u>Fire Protection</u></b>		
<b><u>Base Building</u></b>		
1	Gas suppression	Item
2	Fire Hose Reels	Item
3	Fire Hydrant including mains	Item
4	Fire Extinguishers	Item
5	Fire Signage	Item
6	Smoke ventilation Exctraction	Item
7	Fire stopping to Penetration	Item
8	Staircase Pressurisation	Item
9	Fire Doors	Item
Carried to Final Summary		R
Section No. 19		
Bill No. 1		
FIRE PROTECTION		
<b>SABC</b>		
<b>STUDIO 6</b>		

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO. 20</u></b></p> <p><b><u>PAINTWORK (CPAP Work Group No. 152 Unless Otherwise Stated)</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p>(For preambles refer to :Specification materials and methods to be used"PW 371</p> <p><b><u>PREPARATORY WORK TO EXISTING WORK</u></b></p> <p><b><u>Previously painted plastered surfaces</u></b></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><b><u>Previously painted metal surfaces</u></b></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</p> <p><b><u>Previously painted wood surfaces</u></b></p> <p>Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</p> <p><b><u>PAINT SPECIFICATIONS</u></b></p> <p>All painting shall be done in accordance with the architect's specifications</p> <p><b><u>COLOURS</u></b></p> <p>Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091</p> <p><b><u>PAINTWORK, ETC TO NEW WORK</u></b></p>			
	<p>Carried Forward</p> <p>Section No. 20 Bill No. 1 PAINT WORK <b>SABC</b> <b>STUDIO 6</b></p>		R	

Brought Forward			R
<b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b>			
1	One coat primer and two coats interior quality PVA emulsion paint.	m2	1,172
<b><u>ON EXTERNAL FLOATED PLASTER SURFACES</u></b>			
2	One coat primer and two coats interior quality PVA emulsion paint.	m2	255
<b><u>Paintwork to Ceiling Panels</u></b>			
3	Paint ceiling panels with undercoat and two coats Plastic Acrylic PVA paint standard colour.	m2	595
<b><u>Paintwork to Expanded Mesh</u></b>			
4	Factory primer coat and factory sprayed matt black enamel two coats.	m2	431
Carried to Final Summary			R
Section No. 20			
Bill No. 1			
PAINT WORK			
<b>SABC</b>			
<b>STUDIO 6</b>			

FINAL SUMMARY					
Section No		Page No		Amount	
1	P&G'S	49			
2	DEMOLITIONS	57			
3	ALTERATIONS	61			
4	EARTHWORKS	64			
5	CONCRETE, FORMWORK & REINFORCEMENT	67			
6	PRECAST CONCRETE	69			
7	MASONRY	72			
8	WATERPROOFING	73			
9	CARPENTRY & JOINERY	77			
10	CEILINGS, PARTITIONS & ACCESS FLOORING	80			
11	FLOOR COVERINGS, WALL LININGS, ETC	82			
12	IRONMONGERY	83			
13	STRUCTURAL STEELWORK	86			
14	METALWORK	92			
15	PLASTERING	93			
16	PLUMBING & DRAINAGE	94			
17	ELECTRICAL WORK	115			
18	MECHANICAL WORK	120			
19	FIRE PROTECTION	123			
20	PAINT WORK	125			
	SUB TOTAL		R		
	Contingency @ 5%	%			
	Carried Forward		R		
	SABC STUDIO 6				

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