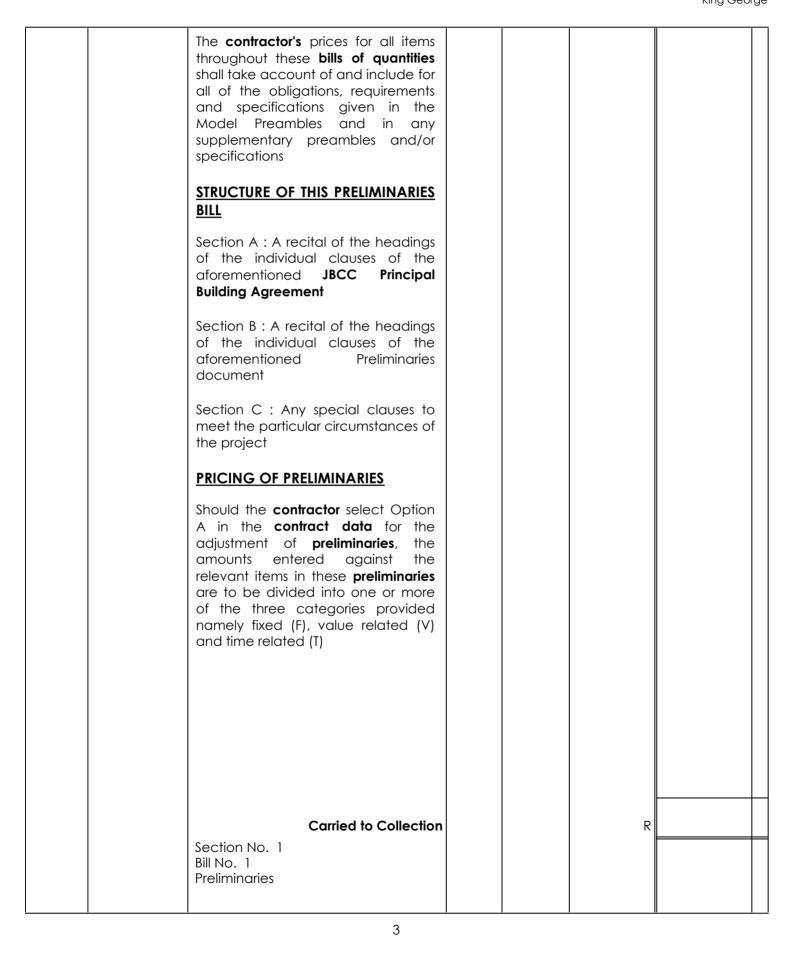


ltem No	SANS Pay Ref		Unit	Quantity	Rate	Amount
NO		SECTION NO. 1				
		BILL NO. 1				
	<u>SANS 1200A</u>	PRELIMINARY AND GENERAL				
		BUILDING AGREEMENT AND PRELIMINARIES				
		The <b>JBCC</b> Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described				
		The <b>JBCC</b> Principal Building Agreement <b>contract data</b> form an integral part of this <b>agreement</b>				
		The <b>JBCC</b> General Preliminaries (Edition 6.2 - May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these <b>bills of</b> <b>quantities</b> , amended as hereinafter described				
		The <b>contractor</b> is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause				
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		Section No. 1 Bill No. 1 Preliminaries				



The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only		
Where any item is not relevant to this <b>agreement</b> such item is marked N/A signifying "not applicable"		
Where standard clauses or alternatives are not entirely applicable to this <b>agreement</b> such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents.		
PREAMBLES FOR TRADES		
The General Preambles for Trades 2017 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 General Preambles will be entertained		
Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the Model Preambles		
Carried to Collection Section No. 1 Bill No. 1	R	
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1	Interpretation (A1-A7) Clause 1.0 - Definitions and		
	interpretation		
	Pricing of bills of quantities		
	The <b>contractor</b> is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this <b>agreement</b> . Value Added Tax (VAT) is to be separately stated on the summary page of these <b>bills</b> <b>of quantities</b>		
	Items left unpriced will be deemed to be covered in prices against other items throughout these <b>bills of</b> <b>quantities</b> and no claim for any extras arising out of the <b>contractor's</b> omission to price any item will be entertained		
	Prices for all <b>construction equipment</b> , temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making		
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good as necessary         Abbreviated descriptions         The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the	
The items in these <b>bills of quantities</b> utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of	
utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of	
contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice	
Legal status of contractor	
If the <b>contractor</b> constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:	
1. These persons are deemed to be jointly and severally liable to the <b>employer</b> for the performance of this agreement	
2. These persons shall notify the <b>employer</b> of their leader who has authority to bind the <b>contractor</b> and each of these persons	
3. The <b>contractor</b> shall not alter its composition or legal status without the prior written consent of the <b>employer</b>	
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T:	ltem			
Clause 2.0 - Law, regulations and notices				
F: V: T:	ltem			
Clause 3.0 - Offer and acceptance				
F: V: T:	ltem			
Clause 4.0 - Cession and assignment				
F: V: T:	ltem			
Clause 5.0 - Documents				
F: V: T:	Item			
Clause 6.0 - Employer's agents				
Delegated authority				
The authority of the <b>principal agent</b> to issue <b>contract instructions</b> [17.1] and perform duties for specific aspects of the <b>works</b> is delegated to <b>agents</b> as follows [6.2]. This does not preclude the <b>principal agent</b> from issuing such <b>contract instructions</b> :				
1. <u>Architect</u>				
Carried to Collection		R		
Section No. 1 Bill No. 1 Preliminaries				
	Clause 2.0 - Law, regulations and notices  F: Clause 3.0 - Offer and acceptance  F: Clause 3.0 - Offer and acceptance  F: Clause 4.0 - Cession and assignment  F: Clause 5.0 - Documents  F: Clause 5.0 - Documents  F: Clause 6.0 - Employer's agents  Delegated authority  The authority of the principal agent to aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions:  1. Architect  Carried to Collection  Section No. 1 Bill No. 1	Clause 2.0 - Law, regulations and notices       Item         F:	Clause 2.0 - Law, regulations and notices       Item         F:	Clause 2.0 - Law, regulations and notices  F



			<u> </u>
	1.1 Duties [6.2] :		
	The architect is responsible for the architectural design, functional design and quality inspection of the <b>works</b>		
	1.2 Contract instructions [6.2; 17.1] :		
	1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement		
	1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
	1.2.3 The <b>site</b> [13.0]		
	1.2.4 Compliance with the <b>law</b> , regulations and bylaws [2.1]		
	1.2.5 Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>		
	1.2.6 Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]		
	1.2.7 Removal or re-execution of work		
	Carried to Collection	R	
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1.2	2.8 Removal or substitution of any <b>materials and goods</b>				
1.2	2.9 Protection of the <b>works</b>				
1.2	2.10 Making good physical loss and repairing damage to the <b>works</b> [23.2.2]				
1.2	2.11 Rectification of <b>defects</b> [21.2]				
1.2	2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion				
1.2	2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums				
1.2	2.14 Appointment of a subcontractor [14.0; 15.0]				
	2.15 Work by <b>direct contractors</b> 5.0]				
1.2	2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]				
2.	Quantity surveyor				
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2.1 Duties [6.2] :		
The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the <b>works</b>		
2.2 Contract instructions [6.2; 17.1] :		
2.2.1 No <b>contract instructions</b> delegated to the quantity surveyor		
3. Civil and structural engineer		
3.1 Duties [6.2] :		
The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the <b>works</b>		
3.2 Contract instructions [6.2; 17.1] :		
3.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement		
3.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
3.2.3 The <b>site</b> [13.0]		
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	3.2.4	Compliance with the <b>law</b> ,		]
		regulations and bylaws [2.1]		
		Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>		
		Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]		
	3.2.7 work	Removal or re-execution of		
	3.2.8	Removal or substitution of any <b>materials and goods</b>		
	3.2.9	Protection of the <b>works</b>		
		Making good physical loss and repairing damage to the <b>works</b> [23.2.2]		
	3.2.11	Rectification of <b>defects</b> [21.2]		
		A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion		
	3.2.13	Expenditure of <b>budgetary</b> allowances, prime cost amounts and provisional sums		
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4. <u>Mechanical engineer</u>		
4.1 Duties [6.2] :		
The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the <b>works</b> and, where appointed by the <b>employer</b> for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions		
4.2 Contract instructions [6.2; 17.1] :		
4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement		
4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
4.2.3 Compliance with the <b>law</b> , regulations and bylaws [2.1]		
4.2.4 Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>		
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	4.2.5	Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]			
	4.2.6 work	Removal or re-execution of			
	4.2.7	Removal or substitution of any <b>materials and goods</b>			
	4.2.8	Protection of the <b>works</b>			
	4.2.9	Making good physical loss and repairing damage to the <b>works</b> [23.2.2]			
	4.2.10	Rectification of <b>defects</b> [21.2]			
	4.2.11	A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
	4.2.12	Expenditure of <b>budgetary</b> allowances, prime cost amounts and provisional sums			
	5. <u>Elec</u>	trical engineer			
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5.1 Duties [6.2] :	
The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the <b>works</b> and, where appointed by the <b>employer</b> for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions 5.2 <b>Contract instructions</b> [6.2; 17.1] :	
5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement	
5.2.2 Alteration to design, standards or quantity of the <b>works</b> provided that such <b>contract instructions</b> shall not substantially change the scope of the <b>works</b>	
5.2.3 Compliance with the <b>law</b> , regulations and bylaws [2.1]	
5.2.4 Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>	
5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]	
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5.2.6 Removal or re-execution of		
work		
5.2.7 Removal or substitution of any <b>materials and goods</b>		
5.2.8 Protection of the <b>works</b>		
5.2.9 Making good physical loss and repairing damage to the <b>works</b> [23.2.2]		
5.2.10 Rectification of <b>defects</b> [21.2]		
5.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion		
5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
6. <u>Wet services engineer</u>		
6.1 Duties [6.2] :		
The wet services engineer is responsible for all aspects of wet services engineering design and quality inspection of the <b>works</b>		
6.2 Contract instructions [6.2; 17.1] :		
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	6.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement		
	6.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
	6.2.3 Compliance with the <b>law</b> , regulations and bylaws [2.1]		
	6.2.4 Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>		
	6.2.5 Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]		
	6.2.6 Removal or re-execution of work		
	6.2.7 Removal or substitution of any <b>materials and goods</b>		
	6.2.8 Protection of the <b>works</b>		
	6.2.9 Making good physical loss and repairing damage to the <b>works</b> [23.2.2]		
	6.2.10 Rectification of <b>defects</b> [21.2]		
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6.	<ul> <li>A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion</li> <li>Expenditure of budgetary allowances, prime cost amounts and provisional sums</li> <li>Fire consultant</li> </ul>		
7.	.1 Duties [6.2] :		
Tr a	ne fire consultant is responsible for Il aspects of rational fire design and uality inspection of the <b>works</b>		
7.	2 Contract instructions [6.2; 17.1] :		
7.	2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the <b>agreement</b> other than in the <b>JBCC</b> Principal Building Agreement		
7.	2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
7.	.2.3 Compliance with the <b>law</b> , regulations and bylaws [2.1]		
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		Provision and testing of samples of <b>materials and</b> <b>goods</b> and/or of finishes and assemblies of elements of the <b>works</b>				
	i	Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]				
	7.2.6 work	Removal or re-execution of				
		Removal or substitution of any <b>materials and goods</b>				
	7.2.8	Protection of the <b>works</b>				
		Making good physical loss and repairing damage to the <b>works</b> [23.2.2]				
	7.2.10	Rectification of <b>defects</b> [21.2]				
		A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion				
		Expenditure of <b>budgetary</b> allowances, prime cost amounts and provisional sums				
	8. <u>Healt</u>	h and safety consultant				
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8.1 Duties [6.2] :			
The health and safety consultant is responsible for all aspects of health and safety of the <b>works</b> . Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the <b>works</b> . He shall:			
8.1.1 Act as the <b>employer's agent</b> in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act,1993 as amended			
8.1.2 Prepare and update the health and safety specification for the <b>works</b>			
8.1.3 Agree with the <b>contractor</b> the health and safety plan for the <b>works</b>			
8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations			
8.1.5 Stop the execution of the <b>works</b> where the agreed specification or plan is not adhered to			
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	1	1 1	
7	Clause 7.0 - Design responsibility		
	F: V:	ltom	
		Item	
8	Insurances and securities (A8-A11) Clause 8.0 - Works risk		
0	Clause 6.0 - Works fisk		
	F: T:	Item	
9	Clause 9.0 - Indemnities		
,	Clubse 7.0 - Indemnines		
	F: T:	Item	
10	Clause 10.0 - Insurances		
	F: T:	Item	
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11	Clause 11.0 - Securities			
	Clause 11.5 Omit this clause in its entirety			
	Clause 11.5.1 Omit this clause in its entirety			
	Clause 11.5.2 Omit this clause in its entirety			
	Clause 11.6 Omit this clause in its entirety			
	Clause 11.10 Omit the words "on receipt of a			
	Guarantee for Payment from the			
	employer"			
	Extension of waiver of lien			
	The <b>contractor</b> shall ensure that a waiver of lien is included in all subcontracts and that the <b>works</b> executed on the <b>site</b> are kept free of all liens and other encumbrances at all times [11.10]			
	F:			
	T:	Item		
	Execution (A12 - A17)			
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12	Clause 12.0 - Duties of the <b>parties</b>			
	Office accommodation			
	The <b>contractor</b> shall provide, maintain and remove on <b>practical</b> <b>completion</b> air conditioned office accommodation with suitable tables and chairs for meetings to be held on the <b>site</b> . Such offices shall be kept clean and fit for use at all times [12.2.18]			
	Notice board			
	The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor, and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]			
	Statutory and other notices			
	The <b>contractor</b> shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the <b>works</b> by the <b>contractor</b> . The <b>contractor</b> shall pay all deposits or fees in this regard			
	It is, however, specifically recorded that the <b>employer</b> shall be responsible for the timeous approval			
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	of building plans by any local or other authorities and the payment of any fees or charges related thereto		
	F: T:	ltem	
13	Clause 13.0 - Setting out		
	F: T:	Item	
14	Clause 14.0 - Nominated subcontractors		
	F: T:	Item	
15	Clause 15.0 - Selected subcontractors		
	F: T:	Item	
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16	Clause 16.0 - Direct contractors			
	Attendance on direct contractors			
	In respect of <b>direct contractors</b> the <b>contractor</b> shall:			
	1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials			
	2. Allow the use of personnel welfare facilities, where provided			
	3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation			
	4. Permit the <b>direct contractor</b> to use erected scaffolding, hoisting facilities, etc provided by the <b>contractor</b> , in common with others having the like right, while it remains erected on the <b>site</b> [16.1]			
	F: T:	ltem		
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17	Clause 17.0 - Contract instructions		
	Site instructions		
	Instructions issued on <b>site</b> are to be recorded in a site instruction book which is to be supplied and maintained on <b>site</b> by the <b>contractor</b>		
	F: T:	Item	
	Completion (A18 - A24)		
18	Clause 18.0 - Interim completion		
	F: T:	Item	
19	Clause 19.0 - Practical completion		
	F: T:	Item	
20	Clause 20.0 - Completion in <b>sections</b>		
	F: T:	Item	
21	Clause 21.0 - <b>Defects</b> liability period and <b>final completion</b>		
	F: T:	Item	
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22	Clause 22.0 - Latent defects liability			
	period			
	F: V: T:	Item		
23	Clause 23.0 - Revision of the date for <b>practical completion</b>			
	Substitution of materials and goods			
	The removal or substitution of any <b>materials and goods</b> which do not conform to the specification or the <b>contract drawings</b> shall not constitute grounds for the extension of the <b>construction period</b> nor for the adjustment of the <b>contract value</b> [17.1.8, 23.1 & 2]			
	F: V: T:	Item		
24	Clause 24.0 - <b>Penalty</b> for late or non- completion			
	F: T:	Item		
	<u> Payment (A25 - A27)</u>			
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25	Clause 25.0 - Payment			
	Clause 25.10 Replace "fourteen (14)" with "thirty (30)"			
	Materials and goods prematurely on site			
	<b>Materials and goods</b> brought onto the site prematurely shall not be authorised for payment [25.3.2]			
	Materials and goods stored off site			
	Materials and goods stored off site shall not be authorised for payment [25.3.2]			
	Fluctuations in costs			
	All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the <b>contractor</b> [25.3.4]			
	Prices submitted			
	Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing			
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	Preliminaries			



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26	Clause 26.0 - Adjustment of the contract value and final account				
	Fluctuations in costs				
	All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the <b>contractor</b> [26.9.5]				
	Tenant installations/users requirements delayed				
	There is a possibility that certain works related to tenant installations/users requirements may have to be delayed and may consequently not be executed prior to <b>practical completion</b>				
	Should the <b>contractor</b> be instructed to do so he shall execute this work under the conditions pertaining to this <b>agreement</b> on the basis that a separate amount for <b>preliminaries</b> appurtenant to this work (if applicable) is agreed to between the <b>contractor</b> and the <b>principal</b> <b>agent</b> and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of <b>practical completion</b> of the <b>works</b>				
	The <b>employer</b> reserves the right to omit such work without compensation to the <b>contractor</b> for loss of profit or any other loss which the <b>contractor</b> may suffer as a result of such omission				
	Cost of claims				
	All costs incurred by the <b>contractor</b> in				
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	the preparation of claims shall be borne by the <b>contractor</b> . This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this <b>agreement</b> [30.6 & 7] from making a determination on costs <b>Claims from subcontractors</b> The <b>contractor</b> shall review, assess and adjudicate any claims received by him from any <b>subcontractor</b> and thereafter submit same to the <b>principal agent</b> with a recommendation in order to assist the <b>principal agent</b> in adjudicating the claim [26.6]			
27	F: V: T: Clause 27.0 - Recovery of expense and/or loss	Item		
	F: T: Suspension and termination (A28 -	ltem		
28	A29) Clause 28.0 - Suspension by the contractor			
	F: T:	Item		
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29 Clause 29.0 - Termination F:.... V:..... Τ:.... Item **Dispute resolution (A30)** 30 Clause 30.0 - Dispute resolution V:..... F:.... Τ:.... Item 31 Agreement The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:.... V:..... Τ:.... Item 32 Contract data Tenderer's selection Before submission of his tender the contractor is to complete the tenderer's selection in the contract data V:..... F:.... Item Τ:.... **Carried to Collection** R Section No. 1 Bill No. 1 Preliminaries



	SECTION B: GENERAL PRELIMINARIES		
	Definitions and interpretation (B1)		
33	Clause 1.1 - Definitions		
	F: T:	ltem	
34	Clause 1.2 - Interpretation		
	F: T:	Item	
	Documents (B2)		
35	Clause 2.1 - Checking of documents		
	F: T:	Item	
36	Clause 2.2 - Provisional <b>bills of quantities</b>		
	Multiple procurement		
	These <b>bills of quantities</b> are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are <b>budgetary allowances</b> and/or <b>provisional sums</b>		
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37	Clause 2.3 - Availability of construction information			
	Budgetary allowances and provisional sums			
	The <b>budgetary allowances</b> and/or <b>provisional sums</b> allocated for subsequent trades included in this <b>agreement</b> will be separately procured, based on multiple procurement of <b>subcontractors</b> during the <b>construction period</b>			
38	F:V: T: Clause 2.4 - Ordering of <b>materials</b>	Item		
	and goods			
	F: T:	Item		
39	Previous work and adjoining properties (B3)			
37	Clause 3.1 - Previous work - dimensional accuracy			
	F: T:	Item		
40	Clause 3.2 - Previous work - <b>defects</b>			
	F: T:	Item		
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41	Clause 3.3 - Inspection of adjoining properties		
	F: T:	Item	
	<u>The site (B4)</u>		
42	Clause 4.1- Handover of <b>site</b> in stages		
	F: T:	Item	
43	Clause 4.2 - Enclosure of the <b>works</b>		
	F: T:	Item	
44	Clause 4.3 - Geotechnical and other investigations		
	F: T:	Item	
45	Clause 4.4 - Encroachments		
	F: T:	Item	
46	Clause 4.5 - Existing premises occupied		
	F: T:	Item	
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47	Clause 4.6 - Services - known			
	F: V: T:	ltem		
	Management of contract (B5)			
48	Clause 5.1 - Management of the works			
	F: V: T:	ltem		
49	Clause 5.2 - Progress meetings			
	F: V: T:	Item		
50	Clause 5.3 - Technical meetings			
	F: V: T:	Item		
	Samples, shop drawings and manufacturer's instructions (B6)			
51	Clause 6.1 - Samples of materials			
	F: V: T:	Item		
52	Clause 6.2 - Workmanship samples			
	F: V: T:	ltem		
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53	Clause 6.3 - Shop drawings			
54	F: T: Clause 6.4 - Compliance with	Item		
	F:			
	T: T: Deposits and fees (B7)	Item		
55	Clause 7.1 - Deposits and fees			
	F: T: Temporary services (B8)	Item		
56	Clause 8.1 - Water			
	F: V: T:	Item		
57	Clause 8.2 - Electricity F:V:			
58	T: Clause 8.3 - Ablution and welfare facilities	Item		
	F: T:	Item		
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59	Clause 8.4 - Communication facilities			
	F: V: T:	Item		
	Prime cost amounts (B9)			
60	Clause 9.1 - Responsibility for <b>prime cost amounts</b>			
	F: V:	Item		
	Attendance on subcontractors (B10)			
61	Clause 10.1 - General attendance			
	F: V:	Item		
62	Clause 10.2 - Special attendance			
	F: V: T:	Item		
	<u>General (B11)</u>			
63	Clause 11.1 - Protection of the works			
	F: V: T:	Item		
64	Clause 11.2 - Protection/isolation of existing <b>works</b> and <b>works</b> occupied in <b>sections</b>			
	F: V: T:	Item		
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65	Clause 11.3 - Security of the <b>works</b>			
	F: V: T:	ltem		
66	Clause 11.4 - Notice before covering work			
	F: V: T:	ltem		
67	Clause 11.5 - Disturbance			
	All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the <b>construction period</b> or <b>contract value</b> whatsoever	Item		
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Clause 11.6 - Environmental disturbance				
Controlling all forms of pollution				
The <b>contractor</b> shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the <b>site</b> during the <b>construction period</b> due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc.				
F: T:	ltem			
Clause 11.7 - <b>Works</b> cleaning and clearing				
F: T:	Item			
Clause 11.8 - Vermin				
F: T:	ltem			
Clause 11.9 - Overhand work				
F: T:	Item			
Clause 11.10 - Tenant installations				
F: T:	ltem			
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	disturbance         Controlling all forms of pollution         The contractor shall be responsible         for and take all precautions in         controlling by whatever means         necessary all forms of pollution         emanating from the site during the         construction period due inter alia to         noise, artificial light, wind-blown         sand, dust, deposits of mud, etc.         F:         Clause 11.7 - Works cleaning and         clearing         F:	disturbance         Controlling all forms of pollution         The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc.         F:	disturbance       Controlling all forms of pollution         The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the sile during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc.         F:	disturbance Controlling all forms of pollution The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc. F



73	Clause 11.11 - A	dvertising			
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SECTION C: SPECIFIC PRELIMINARIES 74 Site instructions Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor F:.... V:..... Item Τ:.... **Carried to Collection** R Section No. 1 Bill No. 1 Preliminaries



75	Warranties for materials and workmanship			
	Where warranties for materials and/or workmanship are called for, the <b>contractor</b> shall obtain a written warranty, addressed to the <b>employer</b> , from the entity supplying the materials and/or doing the work and shall deliver same to the <b>principal agent</b> on the <b>final</b> <b>completion</b> of the contract			
	The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of <b>practical completion</b> and that any <b>defects</b> that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written <b>notice</b> to do so			
	The warranty will not be enforced if the work is damaged by <b>defects</b> in the execution of the <b>works</b> , in which case the responsibility for replacement shall rest entirely with the <b>contractor</b>			
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76 Overtime	
Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the <b>contractor</b> unless the	
principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the <b>employer</b>	
F: V: Item	
77 Co-operation of the <b>contractor</b> for cost management	
It is specifically agreed that the <b>contractor</b> accepts the obligation of assisting the <b>principal agent</b> in implementing proper cost management. The <b>contractor</b> will be advised by the <b>principal agent</b> of all cost management procedures which will be implemented to ensure that the <b>contract value</b> does not accept the budget	
exceed the budget       F:	
T: Item	
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70				
78	Overloading			
	The <b>contractor</b> shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the <b>works</b> or temporary works eg scaffolding, etc. The <b>contractor</b> shall submit details of his proposed loading, storage, plant erection, etc to the <b>principal agent</b> for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the <b>principal agent's</b> requirements in connection with the provision of temporary support work, etc. Any damage caused to the <b>works</b> by overloading shall be made good by the <b>contractor</b> at his sole expense			
70	F: V:	Item		
79	Propping of floors below			
	The <b>contractor</b> is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of <b>materials and</b> <b>goods</b> and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the <b>principal agent</b> and the cost thereof shall be borne by the <b>contractor</b>			
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80	Testing of flat roof waterproofing for watertightness		
	Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the <b>principal</b> <b>agent</b> , flooded with water and kept "ponded" for at least forty (40) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing		
	F: T:	Item	
81	Advertising rights		
	The <b>employer</b> may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The <b>contractor</b> shall not prevent such an arrangement and will assist in the facilitation of same. Position and type of advertising structure to be agreed with the <b>principal agent</b> so as not to hinder the <b>contractor</b> in meeting the obligations under this <b>agreement</b>		
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82	Confidentiality			٦
82	Confidentiality The contractor undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works No information regarding this project shall be published or disclosed without the prior written consent of the complexer			
83	the <b>employer</b> F: T: Media releases All rights of publication of articles in the media, together with any	Item		
	advertising relating thereto or in any way connected with this project, shall vest with the <b>employer</b> The <b>contractor</b> together with his <b>subcontractors</b> shall not, without the prior written consent of the <b>employer</b> , cause any statement or advertisement connected with this project to be printed, screened or aired by the media			
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84	Testing of windows for watertightness				
	Each window shall be tested for watertightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted				
	by means of compressed air or other approved means F:V:				
	Т:	Item			
85	Non-Cession of Monies				
	The Contractor shall not cede or assign his right or claims to any monies due to or to become due under this Contract				
	F: V: T:	Item			
86	Proprietary Branded Products				
	The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after construction with the manufacturer's authorised representative				
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87 Drawings on Site The Contractor shall maintain on Site at all times, a complete set of the latest revisions of the working drawings issued by the Architect, the Electrical Engineer, and the Consultant V:..... F:.... Τ:.... Item 88 Labour Record At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day F:.... V:..... Τ:.... Item **Carried to Collection** R Section No. 1 Bill No. 1 Preliminaries



00	Coottolding			$\square$
89	Scaffolding			
	No scaffolding is measured as these Bills of Quantities are based on the			
	sixth edition of the Standard System for Measuring Building Work.			
	However, the Tenderer is advised to			
	study the drawings as scaffolding may be required in certain areas for			
	use by himself and selected/nominated subcontractors			
	and the contractor must establish or			
	otherwise required by him or selected/nominated subcontractor			
	including taking down and re- erecting as may be necessary and			
	no claims whatsoever will be			
	entertained			
	F:			
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90	Plant Record			
	At the end of each week the			
	contractor shall provide the Principal Agent with a written record, in			
	schedule form, reflecting the number, type and capacity of all			
	plant, excluding hand tools, currently used on the works			
	F: V:			
	T:	Item		
91	Daywork			
	Where in the opinion of the Principal			
	Agent any extra work cannot properly be measured or valued, the			
	Contractor will be allowed daywork prices therefore calculated upon the			
	costs defined hereunder together			
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with the stated percentages. The			٦
total thus arrived at shall be the total			
amount recoverable by the			
Contractor for performing such work			
1. The costs to the Contractor or			
sub-contractor of materials, being the net cost (at current			
market prices) actually paid for			
such materials after the			
deduction of cash discounts or if			
materials are supplied from the			
Contractor's or sub-contractor's			
stock then the cost of such			
materials shall be based upon the current market price plus the			
cost of delivery to Site; to which			
net cost 7,5% thereof shall be			
added.			
2. The cost of labour to the			
Contractor or sub-contractor, being all items of direct cost of			
labour actually remunerated to			
the workmen concerned which			
shall include the cost of all			
allowances in terms of the			
industrial Conciliation Act			
(where applicable) or any other			
wage determination applying in the area where the daywork is			
executed: to which labour cost			
7,5% shall be added			
Hourly base rates for labour shall			
be the current market rates for labour based upon standard			
working hours and shall be			
applied in respect of the time			
spent by workers directly			
engaged on the particular day			
works including any operators			
mechanical plant and transport			
and erecting and dismantling other plant. If a claim is made			
that individual workmen have			
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	been paid wages and allowances in excess of the minimum legalised rates, then proof must be furnished that such workmen had been so paid prior to the commencement of the daywork referred to			
	3. The rate for mechanical plant shall be commercial hire rates current at the time of executing the daywork and shall include fuel and insurance costs			
	The above percentages shall cover head office charges; Site staff including Site supervision; third party and Contractors workmen compensation and unemployment insurance fund contributions; use, repair and sharpening of non- mechanical hand tools; use of erected scaffolding, staging, trestles and the like; use of tarpaulins, protective clothing, artificial lighting, safety and welfare facilities, storage and the like as may be available on the Site; and profit			
	Supporting vouchers reflecting the time spent and materials used in each week shall be delivered for verification to the Principal Agent not later than twenty calendar days after the end of the week concerned. Should the Contractor fail to submit the vouchers within this time, the Principal Agent shall determine a fair price for the work			
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92	Unauthorised Persons/Workmen on Premises			
	The Contractor shall at all times strictly exclude all unauthorized persons from the site and shall set up notice boards to that effect			
	F: T:	Iten	n	
93	Guarantees and Maintenance Instructions/Manuals			
	The Contractor shall obtain and hand over to the Architect on Practical Completion, all relevant guarantees, any operating and maintenance manuals, data or instructions required by the Architect or provided by the Manufacturers, Suppliers, or Sub-contractors			
	The Contractor shall ensure that all warranties and guarantees received are fully ceded to the Employer on Final Completion, failing which the release of the Construction Guarantee will be withheld until this is satisfactorily completed			
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94	Removal and Temporary W Completion	Making Good of orks, etc. on			
	temporary works the like used fo shall make go	shall remove all roads, services and r this contract and od to the entire the Architect any g there from			
	F: T:	V:	ltem		
95	Indemnities				
		<b>C</b> <i>i</i>			
	F: T:	V:	Item		
96	Shop Drawings				
	drawings, lo illustrations, sche charts, brock manuals, other prepared by the contractor, Manu	data which are Contractor or Sub- ufacturer, Supplier or which illustrate some			
	shop drawings re in terms of selected/nomino and/or Architec prepared and su	shall ensure that all equired for the work this Contract, all ited Sub-contracts t's instructions, are bmitted timeously in ith the following			
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procedure			
(a) Three prints of shop drawings of all fabricated work, working or setting out drawings, shop details and schedules shall be submitted to the Architect for approval. Such work shall not be carried out until such approval has been given			
(b) Shop drawings shall be submitted to the Architect for approval at least two weeks prior to the date on which such approval is required in order to comply with the Contract Programme			
(c) All submissions shall be prepared in accordance with the Contract Drawings and specifications and/or any Architect's instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implication			
Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or Architect's instructions shall not constitute grounds for any claims for delays			
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97	Location of Temporary Buildings and Temporary Services			
	The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding, and services, etc., required for his own Sub-contractors use during the construction and maintenance period			
	There is no guarantee given or implied that site conditions will be such that the Contractor will be able to erect such offices, stores and temporary accommodation within the site boundaries and it shall be the Contractors responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith			
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98	Commodities to be New		
	All commodities, goods, articles or		
	materials throughout the building are to be new except where re-use of		
	existing is specified and are to be		
	handled, stored, used and/or fixed		
	with care to ensure that they are in		
	perfect condition when incorporated into the works and		
	thereafter properly protected so as		
	to ensure that they are likewise in		
	perfect condition when handed over at completion of the works		
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99	Cost of Claims		
	Costs incurred by the Contractor in		
	the preparation of claims accepted		
	by the Principal Agent shall be borne by the Contractor		
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100	Overloading			
	The Contractor shall take all necessary steps to ensure that no			
	damage occurs due to overloading			
	of any portion of the works. The Contractor shall submit details of his			
	proposed loading, storage, plant,			
	erection, etc., to the Architect for their approval prior to proceeding			
	with such loading, storing or erecting and shall comply with and pay for			
	the Engineer's requirements in			
	connection with the provision of temporary support work, etc. Any			
	damage caused to the works by			
	overloading shall be made good by the Contractor at his sole expense			
	F: V:			
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101	Environmental Management Plan			
	The contractor shall take all			
	necessary measures to comply with the Environmental Management			
	Plan (EMP) and make adequate provision to accommodate the			
	requirements of the EMP			
	F: V: T:	lten		
102	Health and safety			
	Without limiting the generality of the			
	provisions of clause 2.0, the <b>contractor's</b> attention is drawn to the			
	provisions of the Construction Regulations issued in terms of the			
	Occupational Health and Safety			
	Act, 1993 as amended. It is			
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specifically stated that the <b>employer</b> shall prepare a documented health and safety specification for the <b>works</b> and that the <b>employer</b> shall ensure that the <b>contractor</b> has made provision for the <b>cost</b> of health and safety measures during the execution of the <b>works</b> . The <b>contractor</b> shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [2.1]			
The contractor shall			
<ol> <li>Comply with the health and safety specification for the works</li> </ol>			
2. Prepare and agree with the health and safety consultant the health and safety plan for the works			
3. Cooperate with the health and safety consultant in all respects			
4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification			
5. Conform to the conditions contained in the <b>employer's</b> health and safety specification			
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103	Transformation and Empowerment Requirements			
	The contractor shall take all necessary measures to comply with the document titled: Empowerment Breakdown of 15 point, compiled by Joburg Property Company, and make adequate provision to accommodate the requirements relating to job creation, job intensity, training and development, local SMME utilisation, local material utilisation, enterprise development, etc. as detailed in the above document			
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	Category : Value			
	Category : Time			
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36         37           37         37           Carried Forward         R           Section No. 1         1		34		
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50       51         51       52         53       53         54       55         55       8         Section No. 1       8         Bill No. 1       1		48		
51       52         52       53         54       55         55       7         Carried Forward       R         Section No. 1       8		49		
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ltem No		Quantity	Rate	Amount
	SECTION NO. 2			
	<u>BILL NO. 1</u>			
	ALTERATIONS			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	SUPPLEMENTARY PREAMBLES			
	Site inspection			
	The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified.			
	Sizes and dimensions			
	All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.			
	No allowance for overbreak has been made to any of the adjoining structures, walls, finishes, etc., where removals or pockets occur (the nett opening size, etc., has been made good in later items of this bill where such making good has not been included with the item) and the Contractor must allow in his prices for making good any overbreak that may occur.			
	Carried to Collection Section No. 2 Bill No. 1 Alterations		R	



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## <u>Materials</u>

Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor.

Old materials from the alterations, except where described to be re-used or handed over, as well as all rubish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site.

None of the old materials are to be used for new work except where specifically described as being set aside for re-use.

Where certain materials or articles from demolitions or alterations are described as to be handed over by the Contractor to the Client, such materials or articles shall be properly stored by the Contractor, until handing over thereof. The Contractor must obtain an official receipt listing the materials or articles and dates of handing over. If the Contractor fails to submit the receipt when requested to do so, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Client for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor.

## <u>General</u>

All new finishes are measured in the relevant trades for new work.

Allow for watering the works sufficiently to prevent nuisance from dust.

All alteration works described hereunder shall imply the use of an approved screed or plaster repairing compound and preparing existing surfaces to receive new.

## **Carried to Collection**

Section No. 2 Bill No. 1 Alterations



	Provide all necessary propping, etc., required to ensure the safety and stability of the structure during the contract period and remove at completion.				
	Provide all necessary additional barricades, screens, overhead protections, etc., required to ensure the safety of persons, property, etc., and remove at completion.				
	All alteration work is within an existing facility. The contractor shall take utmost care to minimise damage to existing completed works in the vicinity of the alteration works.				
	TEMPORARY BARRIERS, SCREENS, ETC.				
	Temporary barriers, screens, etc., including removal				
1	Dust screen 2400mm high on gravel surface, formed of suitable timber framing with corrugated iron sheeting fixed to one side including corners, ends, etc.	m	19		
2	Extra over ditto for single leaf door size overall 1100 x 3350mm high, including all necessary posts, framing, lock, etc.	No	1		
	REMOVAL OF EXISTING WORK				
	<u>Taking out and removing doors, windows, etc.</u> including thresholds, sills, etc. (building up openings elsewhere)				
3	Single door and steel frame unit size overall 813 x 2032mm high from one brick wall.	No	3		
4	Door lockset including handles, escutcheons, cylinders, etc.	No	18		
	Carried to Collection			R	
	Section No. 2 Bill No. 1 Alterations				



5	Timber single door and frame size overall 813 x 2032mm including carefully setting aside door for re-use.	No	15		
	Take out and remove glass, mirrors, etc.:				
6	Mirror size 500 x 600mm high.	No	4		
	<u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc:</u>				
7	Suspended plasterboard ceilings including suspension grid, hangers, cornices, etc.	m2	82		
8	Drywall partitioning system 2600mm high including all aluminium tracks, studs, wall boarding, doors, ironmongery, windows, etc.	m	42		
	Take out/off and remove sundry metalwork:				
9	Hand dryer including disconnecting complete.	No	2		
	Hack up/off and remove wall and floor tiles including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes:				
10	Ceramic floor tiles.	m2	20		
11	Ceramic wall tiles.	m2	20		
	Take out and remove piping, sanitary fittings, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere):				
12	Water closet with all necessary piping, stop cocks, valves, etc.	No	15		
13	Wash hand basin with all necessary piping, stop cocks, valves, taps, etc.	No	6		
14	Urinal with all necessary piping, stop cocks, valves, etc.	No	7		
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	Carried to Collection			R	
	Section No. 2 Bill No. 1 Alterations				



15	Sink with all necessary piping, stop cocks, valves, taps, etc.	No	1		
16	Toilet roll holders, soap dispensers, paper towel dispensers, dustbins, etc.	No	25		
	<u>Carefully take up, remove and set aside for re-use</u> (re-use elsewhere):				
17	60mm Thick concrete and clay pavers	m2	19		
	MAKE GOOD FINISHES, ETC.				
	<u>Make good internal granolithic, screed, plaster, etc.</u> to match existing:				
18	Making good defects on existing plastered columns, walls, etc. by stripping back plaster, patching holes with new plaster and rubbing down imperfections to a smooth finish.	m2	5		
	<u>Clean down existing:</u>				
19	Deep clean existing tiles.	m2	148		
	Facebrick Facades:				
20	Jet clean existing face brickwork and joints with a high pressure washer, cartaway all debris to a dumping site to be located by the Contractor, including making good all loose and missing mortar, all in accordance with the Architect's instructions.	m2	133		
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	Bill No. 1 Alterations				



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ltem		Quantity	Rate	Amount
Νο	SECTION NO. 2			
	BILL NO. 2			
	WATERPROOFING			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	SUPPLEMENTARY PREAMBLES			
	<u>Waterproofing</u>			
	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.			
	PROTECTIVE PAINT			
	Prepare existing surfaces and spray apply Aquagard 422, or equal approved, clear penetrating waterproof sealant in strict accordance with the manufacturers instructions on:			
1	External facebrick walls and plaster surfaces. m2	133		
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	Section No. 2 Bill No. 2 Waterproofing			



ltem No		Quantity	Rate	Amount	
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	<u>BILL NO. 3</u>				
	ROOF COVERINGS, ETC.				
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>				
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.				
	SUPPLEMENTARY PREAMBLES				
	Straight cutting				
	Description of all roof coverings are deemed to include for all straight cutting				
	<u>SUNDRIES</u>				
1	Making good roof sheeting by screwing and sealing of loose or missing screws /nails, including sealing using an approved waterproof coating m2	92			
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	Bill No. 3 Roof Coverings, Etc.				



ltem No		Quantity	Rate	Amount
	SECTION NO. 2			
	<u>BILL NO. 4</u>			
	CARPENTRY AND JOINERY			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	DOORS, WINDOWS, SASHES, ETC.			
	Semi-solid flush doors:			
	44mm Thick door with hardwood concealed edge strips finished on both sides with commercial veneer and hung on steel frames (frames elsewhere):			
1	Door size overall 813 x 2032mm high. No	3		
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 Bill No. 4 Carpentry and Joinery			



ltem No		Quantity	Rate	Amount
	SECTION NO. 2			
	<u>BILL NO. 5</u>			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	SUSPENDED CEILINGS			
1	9,5mm Thick "Gyproc Rhinoboard" gypsum plasterboard ceiling screwed to and including "Donn T37K" screw up ceiling grid with drywall screws spaced at 150mm centres including galvanised main tees at 1200mm centres and cross tees at 600mm centres, all suspended with 25 x 25mm galvanised angles at not exceeding 1200mm centres with 63mm wide strips of mesh scrim nailed over joints and the whole ceiling finished with and including "Gyproc Rhinolite" skim plaster trowelled to a smooth polished surface in strict accordance with the manufacturer's instructions:m2	82		
	<u>CORNICES, ETC.:</u>			
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	Bill No. 5 Ceilings, Partitions and Access Flooring			



Powdercoated shadowline cornices: 2 25mm GMS shadowline cornice secured to plastered wall and ceiling boarding including mitres, etc. m 57 **TOILET PARTITIONS** Toilet partitioning formed of 16mm thick melamine faced particle board and natural anodised aluminium u-channel edging and top rails including fixing components and standard ironmongery comprising indicator bolts, coat hooks, door stops and rubber buffers, etc. all installed in strict accordance with the manufacturer's instructions: Partition size 1555 x 1800mm high. 3 No 15 4 Full stile 540mm wide x 1850mm high. No 11 19 5 End stile 150mm wide x 1850mm high. No Corner stile 150mm wide x 1850mm high. 4 6 No 15 7 Door size 740 x 1800mm high. No **Carried to Collection** R Section No. 2 Bill No. 5 Ceilings, Partitions and Access Flooring



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Ceilings, Partitions and Access Flooring			
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Bill No. 5 Ceilings, Partitions and Access Flooring			



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	BILL NO. 6					
	IRONMONGERY					
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>					
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.					
	LOCKS					
1	"Q\$6055/1/A\$/\$\$" Cylinder latch and dead bolt lock.	No	3			
2	"QS6055/3/AS/SS" Cylinder roller ball lock.	No	3			
3	"Q\$4406/Q\$4409" Thumbturn wc indicator bolt.	No	15			
4	"QSR" Rebate conversion set.	No	3			
	HANDLES, ETC.					
5	"IW 1212/62/05" Set of two lever handles with 3mm aluminium backplates fixed back to back.	No	3			
6	"Q\$4403" Stainless steel cylinder escutcheon.	Pairs	3			
	PUSH PLATES					
7	"Union" 400 x 800 x 1,6mm thick SS5089-400W stainless steel kick plate.	No	3			
	Carried to Collection Section No. 2			R		_
	Bill No. 6 Ironmongery					



King George

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	LETTERS, NAMEPLATES, ETC.					
8	"Union" 152 x 152 x 3mm aluminium plate anodised silver with male pictogram Ref. No. AL5063E- 06ASE10	No	1			
9	"Union" 152 x 152 x 3mm aluminium plate anodised silver with female pictogram Ref. No. AL5063E- 06ASE11	No	1			
10	"Union" 152 x 152 x 3mm aluminium plate anodised silver with paraplegic pictogram Ref. No. AL5066E- 06ASE14	No	2			
11	"Union" 152 x 152 x 3mm aluminium plate anodised silver with baby pictogram Ref. No. IW6004	No	1			
	SUNDRIES					
	BATHROOM FITTINGS					
12	<u>"Kwakuhle Hygiene" l</u> ockable and vandal resistant white powder coated metal roll holder Ref TR3W.	No	15			
13	<u>"Kwakuhle Hygiene"</u> ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white.	No	2			
14	<u>"Kwakuhle Hygiene" stainless steel 950ml vandal</u> and theft resistant Soap Dispenser.	No	4			
15	"Costa Lambrianos CLX 2500 (Ref. 59)" stainless steel fully automatic hand dryer with infrared sensor plugged to wall.	No	2			
16	"Chilli B CL-01052" 20mm Long x 540mm Wide horizontal wall mounted baby changing station with 480mm high foldable lid, high density polyethylene interior, top shelf, adjustable safety belt, bag hooks, etc. with a bearing weight of 20kg installed in strict accordance with the					
	manufacturer's instructions.	m	2			
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	Section No. 2 Bill No. 6					
	Ironmongery					
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	<u>GRAB RAILS, ETC.</u>			
17	"Railman Grabrails DL2" stainless steel dogleg grab rail plugged to wall in strict accordance with the manufacturer's instructions.	2		
18	"Railman Grabrails SR2" stainless steel rear grab rail plugged to wall in strict accordance with the manufacturer's instructions.	2		
	TOILET BINS			
	<u>Stainless steel</u>			
19	Half moon wall mounted bin size 330 x 450 x 180mm.	3		
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	Bill No. 6 Ironmongery			



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Ironmongery	



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mitred and welded corners, the 40 x 6mm flat bars at 105mm ce	ntres, built into wall				
with heavy duty lugs including to					
and washers					
Burglar proofing screen size over high formed with 40 x 40 x 2,5mm framed frame infilled horizontally 40 x 6mm flat bar at 105mm cen	n equal leg angle v with and including	No	2		
	Carried to Collection			R	
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Section No. 2				
Bill No. 7				
Metalwork				
COLLECTION				
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ltem No		Quantity	Rate	Amount
	SECTION NO. 2			
	BILL NO. 8			
	PLASTERING			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	INTERNAL PLASTER			
	One coat cement plaster mimimum 15mm thick (5:1) wood floated to receive tiles (elsewhere) including all labours on:			
1	Brick vertical surfaces (part on concrete).	2 5		
2	Narrow widths. m2	2 2		
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 Bill No. 8 Plastering			



ltem No		Quantity	Rate	Amount
no	SECTION NO. 2			
	BILL NO. 9			
	TILING			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	SUPPLEMENTARY PREAMBLES			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	WALL TILING			
	Allow a Prime Cost Amount of R170/m2 for ceramic tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compond on:			
1	Walls. m	2 20		
2	Narrow widths. m	2 6		
	FLOOR TILING			
	Carried to Collection		R	
	Section No. 2 Bill No. 9 Tiling			



	Allow a Prime Cost Amount of R170/m2 for ceramic				
	floor tiles fixed with an approved adhesive on				
	plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound				
	<u>on:</u>				
3	Floors.	m2	20		
4	Narrow widths.	m2	6		
	<u>SUNDRIES</u>				
	Corner protectors, dividing strips, etc.:				
5	"Kirk M-Trim PRE090" 9mm high white PVC round edge trim fixed with patent adhesive to external				
	wall corners.	m	12		
	Carried to Collection			R	
	Section No. 2 Bill No. 9				╞
	Tiling				



Section No. 2				
Bill No. 9				
Tiling				
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ltem No			Quantity	Rate	Amount	
	SECTION NO. 2					
	<u>BILL NO. 10</u>					
	PLUMBING AND DRAINAGE					
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>					
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.					
	RAINWATER DISPOSAL					
	0,6mm Thick seamless aluminium eaves gutters, downpipes and accessories with chromadek finish:					
1	125 x 100mm Rectangular eaves gutter with and including 125mm wide hot dipped galvanised mild steel hailguard formed of "Mentex Ref. 118" or equal approved once bent and tack welded to top of gutter.	m	35			
2	Extra for stop end.	No	4			
3	Extra for outlet with nozzle for and jointed to 100 x 75mm rectangular downpipe.	No	6			
4	100 x 75mm Rainwater downpipe fixed to brick wall.	m	18			
5	Extra for shoe.	No	6			
	SANITARY FITTINGS					
	Carried to Collection			R		
	Section No. 2 Bill No. 10 Plumbing and Drainage					-



	<u>White vitreous china:</u>				
6	"Vaal Daisy Elite (Ref. 772403WH)" semi-close coupled wc suite comprising 90° outlet pan and matching 9 litre cistern including heavy duty white double flap seat, flushpipe, fixing in position and connecting complete in strict accordance with the manufacturer's instructions.	No	15		
7	"Vaal Lavatera (Ref. 705427WH)" wall mounted back inlet bowl urinal with and including "Cobra FJ8.102) flush valve, 38mm chromium plated domical grating and chromium plated back inlet spreader (Code : 85412000), fixed on and including two hanger brackets (Code : 81272000) and connected complete in strict accordance with the manufacturer's instructions.	No	7		
8	"Vaal Hibiscus (Ref. 702303AV)" one tap hole wash hand basin complete with chromium plated waste union, chain and stay, vulcanite plugs and fixing in position on and including two semi-concealed brackets including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions (taps elsewhere).	No	6		
	Approved stainless steel type 304 (18/10):				
9	"Franke Quinline QXL622" or similar approved double centre bowl sink, size overall 1500mm x 535mm complete with overflow, 40mm chromium plated pop-up waste union, "Franke Spazi F/1" or similar approved combination trap and under sink insulation, fixing in position and sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions (taps elsewhere).	No	1		
	TRAPS, ETC.				
10	"Cobra (Ref. 340)" 40mm chromium plated brass bottle trap.	No	7		
	Carried to Collection			R	
	Section No. 2 Bill No. 10 Plumbing and Drainage				



11	38mm Combination sink rubber P or S trap.	No	7		
	TAPS, VALVES, ETC.				
	Chromium plated:				
12	"Cobra Watertech", or equal approved, chrome Junior Flushmaster exposed flush valve (Code: FJ6- 000), installed in accordance with the manufacturer's recommendations.	No	7		
13	"Cobra Watertech", or equal approved, chrome Junior Flushmaster exposed water closet flush valve (Code: FJS2-100) with integral vacuum breaker, ballostop value and BSP inlet, bent flush pipe and connectors, etc, installed in accordance with the				
	manufacturer's recommendations	No	15		
14	"Cobra Carina 294CA" 15mm basin mixer including flexible connection hoses.	No	7		
15	"Cobra 832/350" 15mm angle valve.	No	29		
	Sundries:				
16	15mm Flexihose 450mm long.	No	22		
	SOIL AND WASTE WATER DRAINAGE				
	uPVC pipes				
17	50mm Pipes	m	29		
18	100mm Pipes	m	10		
	Extra over uPVC pipes for fittings				
19	50mm Access bend	No	29		
20	50mm Access junction	No	14		
21	100mm Access bend	No	5		
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	Carried to Collection			R	
	Section No. 2 Bill No. 10 Plumbing and Drainage				



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22	100mm Access junction	No	2		
23	100mm Access bend pan connector	No	2		
24	110mm "GI Two-way" vent valve	No	3		
25	100 x 50mm Access reducing junction	No	1		
26	100mm Stub stack.	No	1		
	<u>Sundries</u>				
27	Testing waste pipe system		Item		
	WATER SUPPLIES				
	<u>Class 1 copper pipes</u>				
28	15mm Pipes	m	29		
29	22mm Pipes	m	18		
30	35mm Pipes	m	5		
	Extra over class 1 copper pipes for capillary fittings				
31	15mm Fittings	No	25		
32	22mm Fittings	No	12		
33	35mm Fittings	No	1		
	<u>Sundries</u>				
34	Testing water pipe system		Item		
					$\square$
	Carried to Collection			R	
	Section No. 2 Bill No. 10				$\square$
	Plumbing and Drainage				



Section No. 2				
Bill No. 10				
Plumbing and Drainage				
COLLECTION				
	Page No		Amount	
Total Brought Forward from Page No.	85			
	86			
	87			
	88			
Carried Forward to Summary of Section No. 2		R		
Section No. 2 Bill No. 10				
Plumbing and Drainage				



ltem No		Quantity	Rate	Amount
	SECTION NO. 2			
	<u>BILL NO. 11</u>			
	<u>GLAZING</u>			
	<u>Tenderers are advised to study the "Model</u> <u>Preambles for Trades" before pricing this</u> <u>schedule.</u>			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	TOPS, SHELVES, DOORS, MIRRORS, ETC. <u>6mm Thick silvered float glass copper backed</u> <u>mirrors with 10mm bevelled and polished edges</u> <u>holed for and fixed with chromium plated dome</u> <u>capped mirror screws with rubber buffers to plugs in</u> <u>porcelain tiled wall:</u>	-		
1	Mirror size 600 x 1000mm high. No	4		
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 Bill No. 11 Glazing			



ltem No			Quantity	Rate	Amount
	SECTION NO. 2				
	<u>BILL NO. 12</u>				
	<u>PAINTWORK</u>				
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>				
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.				
	PAINTWORK TO NEW WORK				
	<u>PLASTER</u>				
	Prepare and apply one coat "Plascon" plaster primer and two coats "Plascon Double Velvet" paint on:				
1	Internal plastered walls, columns, recessed bands, etc.	m2	5		
	PLASTERBOARD				
	Prepare and apply one coat "Plascon" primer and two coats "Plascon Professional Super Matt" paint on:				
2	Ceilings and cornices.	m2	82		
	<u>METAL</u>				
	Carried to Collection			R	
	Section No. 2 Bill No. 12 Paintwork				



3	Prepareandapplyonecoat"PlasconZincPhosphate"primerandtwocoats"PlasconVelvaglo"paint on:Frames and linings.WOODPrepareandapplyonecoat"PlasconWoodcarePrepareandapplyonecoat"PlasconWoodcarePre-treatment",onecoat"PlasconWoodPrimer"andtwocoats"PlasconVelvaglo"painton:General surfacesofdoors.	m2 m2	5		
5	PAINTWORK TO PREVIOUSLY PAINTED WORK         PLASTER         Clean down, prepare and apply one coat         "Plascon" plaster primer and two coats "Plascon         Double Velvet" paint on:         Internal plastered walls, columns, recessed bands, etc.         METAL	m2	42		
6 7	Clean down, prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvaglo" paint on: Gates, grilles, etc. (both sides measured). One coat water based galvanised iron primer, one coat Universal alkyd based undercoat and two coats alkyd based high gloss enamel paint on galvanised steel in poor condition (rusted) On corrugated iron profile roof sheeting	m2	10		
	(measured on flat) Carried to Collection Section No. 2 Bill No. 12 Paintwork	m2	92	R	



Section No. 2				
Bill No. 12				
Paintwork				
COLLECTION				
Total Brought Fo	rward from Page No.	Page No 91 92		Amount
		/_		
Carried	I Forward to Summary of Section No. 2		R	
Section No. 2 Bill No. 12				
Paintwork				



	SECTION SUMMARY - Builders Work			
Bill No		Page No		Amount
1	Alterations	67		
2	Waterproofing	68		
3	Roof Coverings, Etc.	69		
4	Carpentry and Joinery	70		
5	Ceilings, Partitions and Access Flooring	73		
6	Ironmongery	77		
7	Metalwork	80		
8	Plastering	81		
9	Tiling	84		
10	Plumbing and Drainage	89		
11	Glazing	90		
12	Paintwork	93		
	Carried to Final Summary		R	
	Section No. 2			



ltem No		Quantity	Rate	Amount	
	SECTION NO. 2				
	<u>BILL NO. 1</u>				
	EXTERNAL WORKS				
	<u>Tenderers are advised to study the "Model</u> <u>Preambles for Trades" before pricing this</u> <u>schedule.</u>				
	SUPPLEMENTARY PREAMBLES				
	FENCING				
1	Hot dipped galvanised steel high security anti- climbing and anti-cut fence and gates similar to cochrane clearvu formed of 3mm diameter horizontal & vertical galvanised marine fusion bond coated high tensile steel mesh wires with 76,2mm x 12,7mm aperture and reinforced with 4 x 50mm deep V-section horizontal recessed bands with and including 85 x 45 x 3mm thick marine fusion bond coated taper posts, locking recess mechanism, UV stabilised polymer end caps, vandal resistant bolts, 	19			
	lockable sliding bolt with keep, etc. No	1			
	PAVING				
	Carried to Collection		R		
	Section No. 3 Bill No. 1 External Works				



	Clean down and lay existing concrete and clay pavers from stockpiles, bedded on and including 20mm thick bed of river sand with 1:6 cement grout swept & watered into joints between roadstones:				
3	Paving to roads, parking areas, pavements, etc. in patchwork and small quantities to falls <b>including</b> <b>any consequent cutting</b> (circular cutting elsewhere) and tying into existing paving.	m2	19		
	Carried to Collection Section No. 3 Bill No. 1 External Works			R	



Section No. 3			
Bill No. 1			
External Works			
COLLECTION			
Total Brought Forward from Page No.	Page No 95		Amount
	96		
Carried Forward to Summary of Section No. 3		R	
Section No. 3 Bill No. 1			
External Works			



ltem No		Quantity	Rate	Amount
	SECTION NO. 3			
	<u>BILL NO. 2</u>			
	STORMWATER DRAINAGE, SOIL DRAINAGE & WATER RETICULATION			
	<u>The Tenderer is referred to the relevant Clauses</u> in the separate document Model Preambles for <u>Trades (2017 Edition)</u>			
	TENDERERS ARE TO NOTE THAT ALL WORK IS TO BE EXECUTED IN EXISTING BUILDINGS IN A COMBINATION OF NEW WORK, WORK IN PATCHES AND WORK IN SMALL QUANTITIES.			
	STORMWATER RETICULATION	-		
	Cleaning existing grid inlets, kerb inlets, pipes, etc.:			
1	Clean existing kerb inlets, manholes. etc. (various sizes) of all rubbish, debris, etc., including cleaning of the inlet & outlet pipes for 20 metres in both directions, including removal of existing lids, relaying existing lids as per Engineer's instructions, making good & carting away all rubbish, debris, etc. to a dumping site to be located by the contractor.	1		
	SEWER RETICULATION			
	Cleaning existing manholes, pipes, etc.:			
2	Allow for cleaning existing manholes. etc. (various sizes) of all rubbish, debris, etc., including cleaning of the inlet & outlet pipes for 20 metres in both directions, including removal of existing lids, relaying existing lids as per Engineer's instructions, making good & carting away all rubbish, debris, etc. to a dumping site to be located by the contractor.			
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3 Bill No. 2 Stormwater Drainage, Soil Drainage and Water Retic			



	SECTION SUMMARY - External Works			
Bill No		Page No		Amount
1	External Works	97		
2	Stormwater Drainage, Soil Drainage and Water Reticulation	98		
	Carried to Final Summary		R	
	Section No. 3		ĸ	



ltem No		Quantity	Rate	Amount
	SECTION NO. 4			
	<u>BILL NO. 1</u>			
	PROVISIONAL SUMS			
	The following sums and amounts are NETT.			
	Under no circumstances may any Provisional Sum or P.C Item be altered.			
	Unless a specific percentage mark up for attendence is indicated in the rate column, the amounts priced by the contractor for attendence against each Provisional Sum shall be deemed to be Lump Sum and shall not be adjusted unless the scope of the sub-contract varies significantly.			
	Provisional Sums contained herein may be omitted or reduced at the employer's sole discretion and the contractor shall not be entitled to claim for any loss by way of reductions or omissions of any discount, or percentage relating to the Provisional Sums pr P.C Amounts or any loss of profit related thereto.			
	ALLOW THE FOLLOWING PROVISIONAL SUMS			
	ELECTRICAL INSTALLATION			
1	Provide the amount of R50,000.00 (Fifty Thousand Rand) for electrical installation executed complete.	Item		50,000.00
2	Profit on above item.		%	
3	Attendance on ditto.		%	
	Carried to Collection		R	
	Section No. 4 Bill No. 1 Provisional Sums		K	



				· · · · ·
	FIRE PROTECTION			
4	Provide the amount of R15,000.00 (Fifteen Thousand Rand) for fire protection executed complete.	Item		1 <i>5,</i> 000.00
5	Profit on above item.		%	
6	Attendance on ditto.		%	
	STORE ROOM UNITS			
7	Provide the amount of R10,000.00 (Ten Thousand Rand) for store room units installed complete.	ltem		10,000.00
8	Profit on above item.		%	
9	Attendance on ditto.		%	
	STAND ALONE ALARM SYSTEM			
10	Provide the amount of R20,000.00 (Twenty Thousand Rand) for signage installed complete.	ltem		20,000.00
11	Profit on above item.		%	
12	Attendance on ditto.		%	
13	Provide the amount of R15,000.00 (Fifteen Thousand Rand) for aluminium windows installed complete.	ltem		15,000.00
14	Profit on above item.		%	
15	Attendance on ditto.		%	
	<u>CLO</u>			
16	Provide the amount of R50,000.00 (Fifty Thousand Rand) for a Community Liaison Officer.	ltem		50,000.00
17	Profit on above item.		%	
	Carried to Collection		R	
	Section No. 4 Bill No. 1			
	Provisional Sums			



18	Attendance on ditto.		%		
	FINANCIAL PROVISIONS				
	The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required.				
19	Allow the amount of R50,000.00 (Fifty Thousand Rand) for sundry builders work. This work shall be measured on completion and priced at scheduled rates.	ltem		50,000.	00
	Carried to Collection		R		
	Section No. 4 Bill No. 1 Provisional Sums				



Section No. 4			
Bill No. 1			
Provisional Sums			
COLLECTION			
Total Brought Forward from Page No.	Page No 100		Amount
Ŭ Ŭ	101		
	102		
Carried to Final Summary		R	
Section No. 4 Bill No. 1			
Provisional Sums			



	FINAL SUMMARY				
Section No	<u></u>		Page No		Amount
1	Preliminaries		61		
2	Builders Work		94		
3	External Works		99		
4	Provisional Sums		103		
	Sub-Total			R	
	Value Added Tax (15%)			R	
				-	
	Total			R	
		Carried to Form of Tender		R	