

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARY AND GENERAL</u></p>			
	<p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC 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</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The JBCC 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 bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p>			
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<p>Where standard clauses or alternatives are not entirely applicable to this agreement 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.</p>	<u>PREAMBLES FOR TRADES</u>			<p>The General Preambles for Trades 2017 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 General Preambles will be entertained</p>	<p>Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the Model Preambles</p>	<p>The contractor's prices for all items throughout these bills of quantities shall take account of and include for all of the obligations, requirements and specifications given in the Model Preambles and in any supplementary preambles and/or specifications</p>	<u>STRUCTURE OF THIS PRELIMINARIES BILL</u>			<p>Section A : A recital of the headings of the individual clauses of the aforementioned JBCC Principal Building Agreement</p>	<p>Section B : A recital of the headings of the individual clauses of the aforementioned Preliminaries document</p>
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1	<p><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></p> <p><u>Interpretation (A1-A7)</u></p> <p>Clause 1.0 - Definitions and interpretation</p> <p>Pricing of bills of quantities</p> <p>The contractor 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 agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities</p> <p>Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained</p> <p>Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary</p> <p>Abbreviated descriptions</p> <p>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 contractor shall, before submission of his tender, call for a written</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>			
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	<p>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</p> <p>Legal status of contractor</p> <p>If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:</p> <ol style="list-style-type: none"> These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement These persons shall notify the employer of their leader who has authority to bind the contractor and each of these persons The contractor shall not alter its composition or legal status without the prior written consent of the employer <p>F:..... V:..... T:.....</p>				
2	<p>Clause 2.0 - Law, regulations and notices</p> <p>F:..... V:..... T:.....</p>	Item			
3	<p>Clause 3.0 - Offer and acceptance</p> <p>F:..... V:..... T:.....</p>	Item			
4	<p>Clause 4.0 - Cession and assignment</p> <p>F:..... V:..... T:.....</p>	Item			
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5	<p>Clause 5.0 - Documents</p> <p>F:..... V:..... T:.....</p>	Item			
6	<p>Clause 6.0 - Employer's agents</p> <p>Delegated authority</p> <p>The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions:</p> <p>1. <u>Architect</u></p> <p>1.1 Duties [6.2] :</p> <p>The architect is responsible for the architectural design, functional design and quality inspection of the works</p> <p>1.2 Contract instructions [6.2; 17.1] :</p> <p>1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p> <p>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</p> <p>1.2.3 The site [13.0]</p> <p>1.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>			R	

	1.2.5	Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works						
	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						
	1.2.8	Removal or substitution of any materials and goods						
	1.2.9	Protection of the works						
	1.2.10	Making good physical loss and repairing damage to the works [23.2.2]						
	1.2.11	Rectification of defects [21.2]						
	1.2.12	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						
	1.2.13	Expenditure of budgetary allowances, prime cost amounts and provisional sums						
	1.2.14	Appointment of a subcontractor [14.0; 15.0]						
	1.2.15	Work by direct contractors [16.0]						
	1.2.16	On suspension or termination, protection of the works , removal of construction equipment and surplus materials and goods [29.0]						
	2. <u>Quantity surveyor</u>							
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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 works				
2.2 Contract instructions [6.2; 17.1] :	2.2.1 No contract instructions delegated to the quantity surveyor				
3. <u>Civil and structural engineer</u>	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 works	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 agreement other than in the JBCC 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 site [13.0]	3.2.4 Compliance with the law , regulations and bylaws [2.1]				
3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works	3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]				
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<p>3.2.7 Removal or re-execution of work</p> <p>3.2.8 Removal or substitution of any materials and goods</p> <p>3.2.9 Protection of the works</p> <p>3.2.10 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>3.2.11 Rectification of defects [21.2]</p> <p>3.2.12 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</p> <p>3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p>	<p>4. <u>Mechanical engineer</u></p>	<p>4.1 Duties [6.2] :</p>	<p>The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the works and, where appointed by the employer 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</p>	<p>4.2 Contract instructions [6.2; 17.1] :</p>	<p>4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p>	<p>Carried to Collection</p>	<p>R</p>		
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	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 law , regulations and bylaws [2.1]				
	4.2.4	Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works				
	4.2.5	Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]				
	4.2.6	Removal or re-execution of work				
	4.2.7	Removal or substitution of any materials and goods				
	4.2.8	Protection of the works				
	4.2.9	Making good physical loss and repairing damage to the works [23.2.2]				
	4.2.10	Rectification of defects [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 budgetary allowances, prime cost amounts and provisional sums				
	5.	<u>Electrical engineer</u>				
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	<p>5.1 Duties [6.2] :</p> <p>The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer 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</p> <p>5.2 Contract instructions [6.2; 17.1] :</p> <p>5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p> <p>5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>5.2.3 Compliance with the law, regulations and bylaws [2.1]</p> <p>5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>5.2.6 Removal or re-execution of work</p> <p>5.2.7 Removal or substitution of any materials and goods</p> <p>5.2.8 Protection of the works</p> <p>5.2.9 Making good physical loss and repairing damage to the works [23.2.2]</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>			
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5.2.10 Rectification of defects [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 works			
6.2 Contract instructions [6.2; 17.1] :			
6.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC 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 law , regulations and bylaws [2.1]			
6.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
6.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
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6.2.6	Removal or re-execution of work				
6.2.7	Removal or substitution of any materials and goods				
6.2.8	Protection of the works				
6.2.9	Making good physical loss and repairing damage to the works [23.2.2]				
6.2.10	Rectification of defects [21.2]				
6.2.11	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				
6.2.12	Expenditure of budgetary allowances, prime cost amounts and provisional sums				
7.	<u>Fire consultant</u>				
7.1	Duties [6.2] :				
	The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works				
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 agreement other than in the JBCC 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				
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<p>7.2.3 Compliance with the law, regulations and bylaws [2.1]</p> <p>7.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>7.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>7.2.6 Removal or re-execution of work</p> <p>7.2.7 Removal or substitution of any materials and goods</p> <p>7.2.8 Protection of the works</p> <p>7.2.9 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>7.2.10 Rectification of defects [21.2]</p> <p>7.2.11 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</p> <p>7.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p>	<p>8. <u>Health and safety consultant</u></p>	<p>8.1 Duties [6.2] :</p>	<p>The health and safety consultant is responsible for all aspects of health and safety of the works. 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 works. He shall:</p>	<p>Carried to Collection</p>	<p>R</p>		
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11	<p>Clause 11.0 - Securities</p> <p>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"</p> <p>Extension of waiver of lien</p> <p>The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10]</p> <p>F:..... V:..... T:.....</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	Item		
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12	<p><u>Execution (A12 - A17)</u></p> <p>Clause 12.0 - Duties of the parties</p> <p>Office accommodation</p> <p>The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]</p> <p>Notice board</p> <p>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]</p> <p>Statutory and other notices</p> <p>The contractor 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 works by the contractor. The contractor shall pay all deposits or fees in this regard</p> <p>It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto</p> <p>F:..... V:..... T:.....</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	Item	R	
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13	<p>Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p>	Item			
14	<p>Clause 14.0 - Nominated subcontractors</p> <p>F:..... V:..... T:.....</p>	Item			
15	<p>Clause 15.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>	Item			
16	<p>Clause 16.0 - Direct contractors</p> <p>Attendance on direct contractors</p> <p>In respect of direct contractors the contractor shall:</p> <ol style="list-style-type: none"> Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials Allow the use of personnel welfare facilities, where provided 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 Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1] <p>F:..... V:..... T:.....</p>	Item			
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17	<p>Clause 17.0 - Contract instructions</p> <p>Site instructions</p> <p>Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor</p> <p>F:..... V:..... T:.....</p> <p><u>Completion (A18 - A24)</u></p>	Item			
18	<p>Clause 18.0 - Interim completion</p> <p>F:..... V:..... T:.....</p>	Item			
19	<p>Clause 19.0 - Practical completion</p> <p>F:..... V:..... T:.....</p>	Item			
20	<p>Clause 20.0 - Completion in sections</p> <p>F:..... V:..... T:.....</p>	Item			
21	<p>Clause 21.0 - Defects liability period and final completion</p> <p>F:..... V:..... T:.....</p>	Item			
22	<p>Clause 22.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>	Item			
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25	<p><u>Payment (A25 - A27)</u></p> <p>Clause 25.0 - Payment</p> <p>Clause 25.10 Replace "fourteen (14)" with "thirty (30)"</p> <p>Materials and goods prematurely on site</p> <p>Materials and goods brought onto the site prematurely shall not be authorised for payment [25.3.2]</p> <p>Materials and goods stored off site</p> <p>Materials and goods stored off site shall not be authorised for payment [25.3.2]</p> <p>Fluctuations in costs</p> <p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [25.3.4]</p> <p>Prices submitted</p> <p>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</p> <p>F:..... V:..... T:.....</p>			
26	<p>Clause 26.0 - Adjustment of the contract value and final account</p> <p>Fluctuations in costs</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	Item	R	

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<p>32</p>	<p>Contract data</p> <p>Tenderer's selection Before submission of his tender the contractor is to complete the tenderer's selection in the contract data</p> <p>F:..... V:..... T:.....</p> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	<p>Item</p>	<p>R</p>	
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<u>SECTION B: GENERAL PRELIMINARIES</u>					
<u>Definitions and interpretation (B1)</u>					
33	Clause 1.1 - Definitions				
	F:..... V:..... T:.....	Item			
34	Clause 1.2 - Interpretation				
	F:..... V:..... T:.....	Item			
<u>Documents (B2)</u>					
35	Clause 2.1 - Checking of documents				
	F:..... V:..... T:.....	Item			
36	Clause 2.2 - Provisional bills of quantities				
Multiple procurement					
These bills of quantities 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 budgetary allowances and/or provisional sums					
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37	<p>Clause 2.3 - Availability of construction information</p> <p>Budgetary allowances and provisional sums</p> <p>The budgetary allowances and/or provisional sums allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of subcontractors during the construction period</p> <p>F:..... V:..... T:.....</p>	Item			
38	<p>Clause 2.4 - Ordering of materials and goods</p> <p>F:..... V:..... T:.....</p> <p><u>Previous work and adjoining properties (B3)</u></p>	Item			
39	<p>Clause 3.1 - Previous work - dimensional accuracy</p> <p>F:..... V:..... T:.....</p>	Item			
40	<p>Clause 3.2 - Previous work - defects</p> <p>F:..... V:..... T:.....</p>	Item			
41	<p>Clause 3.3 - Inspection of adjoining properties</p> <p>F:..... V:..... T:.....</p> <p><u>The site (B4)</u></p>	Item			
42	<p>Clause 4.1- Handover of site in stages</p> <p>F:..... V:..... T:.....</p>	Item			
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43	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item			
44	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item			
45	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item			
46	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item			
47	Clause 4.6 - Services - known F:..... V:..... T:.....	Item			
	<u>Management of contract (B5)</u>				
48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item			
49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item			
50	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item			
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<u>Samples, shop drawings and manufacturer's instructions (B6)</u>					
51	Clause 6.1 - Samples of materials				
	F:..... V:..... T:.....	Item			
52	Clause 6.2 - Workmanship samples				
	F:..... V:..... T:.....	Item			
53	Clause 6.3 - Shop drawings				
	F:..... V:..... T:.....	Item			
54	Clause 6.4 - Compliance with manufacturer's instructions				
	F:..... V:..... T:.....	Item			
<u>Deposits and fees (B7)</u>					
55	Clause 7.1 - Deposits and fees				
	F:..... V:..... T:.....	Item			
<u>Temporary services (B8)</u>					
56	Clause 8.1 - Water				
	F:..... V:..... T:.....	Item			
57	Clause 8.2 - Electricity				
	F:..... V:..... T:.....	Item			
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58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item			
59	Clause 8.4 - Communication facilities F:..... V:..... T:..... <u>Prime cost amounts (B9)</u>	Item			
60	Clause 9.1 - Responsibility for prime cost amounts F:..... V:..... T:..... <u>Attendance on subcontractors (B10)</u>	Item			
61	Clause 10.1 - General attendance F:..... V:..... T:.....	Item			
62	Clause 10.2 - Special attendance F:..... V:..... T:..... <u>General (B11)</u>	Item			
63	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item			
64	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....	Item			
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65	<p>Clause 11.3 - Security of the works</p> <p>F:..... V:..... T:.....</p>	Item			
66	<p>Clause 11.4 - Notice before covering work</p> <p>F:..... V:..... T:.....</p>	Item			
67	<p>Clause 11.5 - Disturbance</p> <p>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 construction period or contract value whatsoever</p> <p>F:..... V:..... T:.....</p>	Item			
68	<p>Clause 11.6 - Environmental disturbance</p> <p>Controlling all forms of pollution</p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item			
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76	<p>Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer</p> <p>F:..... V:..... T:.....</p>	Item			
77	<p>Co-operation of the contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget</p> <p>F:..... V:..... T:.....</p>	Item			
78	<p>Overloading</p> <p>The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent'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</p> <p>F:..... V:..... T:.....</p>	Item			
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79	<p>Propping of floors below</p> <p>The contractor 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 materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor</p> <p>F:..... V:..... T:.....</p>	Item			
80	<p>Testing of flat roof waterproofing for watertightness</p> <p>Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent, 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</p> <p>F:..... V:..... T:.....</p>	Item			
81	<p>Advertising rights</p> <p>The employer 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 contractor 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 principal agent so as not to hinder the contractor in meeting the obligations under this agreement</p> <p>F:..... V:..... T:.....</p>	Item			
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82	<p>Confidentiality</p> <p>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</p> <p>No information regarding this project shall be published or disclosed without the prior written consent of the employer</p> <p>F:..... V:..... T:.....</p>					
83	<p>Media releases</p> <p>All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer</p> <p>The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media</p> <p>F:..... V:..... T:.....</p>	Item				
84	<p>Testing of windows for watertightness</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item				
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85	<p>Non-Cession of Monies</p> <p>The Contractor shall not cede or assign his right or claims to any monies due to or to become due under this Contract</p> <p>F:..... V:..... T:.....</p>	Item			
86	<p>Proprietary Branded Products</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
87	<p>Drawings on Site</p> <p>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 Engineer, and the Electrical Consultant</p> <p>F:..... V:..... T:.....</p>	Item			
88	<p>Labour Record</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
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89	<p>Scaffolding</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
90	<p>Plant Record</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
91	<p>Daywork</p> <p>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 with the stated percentages. The total thus arrived at shall be the total amount recoverable by the Contractor for performing such work</p> <p>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</p>				
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94	<p>Removal and Making Good of Temporary Works, etc. on Completion</p> <p>The Contractor shall remove all temporary works, roads, services and the like used for this contract and shall make good to the entire satisfaction of the Architect any damages resulting there from</p> <p>F:..... V:..... T:.....</p>	Item			
95	<p>Indemnities</p> <p>Indemnities shall be sought by the Architect from all Contractors and Sub-contractors undertaking any design responsibility</p> <p>F:..... V:..... T:.....</p>	Item			
96	<p>Shop Drawings</p> <p>The term 'Shop Drawings' shall mean drawings, layout drawings, illustrations, schedules, performance charts, brochures, operating manuals, other data which are prepared by the Contractor or Sub-contractor, Manufacturer, Supplier or Distributor and which illustrate some portion of the work</p> <p>The Contractor shall ensure that all shop drawings required for the work in terms of this Contract, all selected/nominated Sub-contracts and/or Architect's instructions, are prepared and submitted timeously in accordance with the following procedure</p> <p>(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</p> <p>(b) Shop drawings shall be submitted to the</p>				
Carried to Collection			R		
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98	<p>Commodities to be New</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
99	<p>Cost of Claims</p> <p>Costs incurred by the Contractor in the preparation of claims accepted by the Principal Agent shall be borne by the Contractor</p> <p>F:..... V:..... T:.....</p>	Item			
100	<p>Overloading</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
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103	<p>Transformation and Empowerment Requirements</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p><u>SUMMARY OF CATEGORIES</u></p> <p>Category : Fixed _____</p> <p>Category : Value _____</p> <p>Category : Time _____</p> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	Item		
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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Site inspection</u></p> <p>The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified.</p> <p><u>Sizes and dimensions</u></p> <p>All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.</p> <p>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.</p>			
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 Alterations</p>		R	

	<p><u>Materials</u></p> <p>Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor.</p> <p>Old materials from the alterations, except where described to be re-used or 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>None of the old materials are to be used for new work except where specifically described as being set aside for re-use.</p> <p>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.</p> <p><u>General</u></p> <p>All new finishes are measured in the relevant trades for new work.</p> <p>Allow for watering the works sufficiently to prevent nuisance from dust.</p> <p>All alteration works described hereunder shall imply the use of an approved screed or plaster repairing compound and preparing existing surfaces to receive new.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 Alterations</p>			
			R	

<p>Provide all necessary propping, etc., required to ensure the safety and stability of the structure during the contract period and remove at completion.</p> <p>Provide all necessary additional barricades, screens, overhead protections, etc., required to ensure the safety of persons, property, etc., and remove at completion.</p> <p>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.</p>	m	14	R	
<p><u>TEMPORARY BARRIERS, SCREENS, ETC.</u></p>				
<p><u>Temporary barriers, screens, etc., including removal on completion:</u></p>				
<p>1 Temporary hoarding 3350mm high on concrete floor, formed of drywall partition system with 6mm thick gypsum wall board fixed to one side including all tracks, vertical studs, corners, abutments, etc.</p>	m	14		
<p>2 Extra over ditto for single leaf door size overall 1100 x 3350mm high, including all necessary posts, framing, lock, etc.</p>	No	1		
<p><u>REMOVAL OF EXISTING WORK</u></p>				
<p><u>Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere):</u></p>				
<p>3 Single door and steel frame unit size overall 813 x 2032mm high from one brick wall.</p>	No	2		
<p>4 Door lockset including handles, escutcheons, cylinders, etc.</p>	No	3		
<p>Carried to Collection</p>				
<p>Section No. 2 Bill No. 1 Alterations</p>				

	<u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc:</u>				
5	Profiled roof sheeting fixed to steel/timber trusses in single lengths with a pitch not exceeding 50 degrees including removal of all flashings, etc.	m2	42		
6	Timber roof trusses, size overall 6.31 x 6.10m wide on plan 4,00m above ground level including bracing, bracing, gangboarding, purlins, wall ties, wall plates, etc.	No	1		
7	Suspended plasterboard ceilings including suspension grid, hangers, cornices, etc.	m2	38		
8	100 x 125mm Box gutters including hailguards.	m	6		
9	100mm Downpipes.	m	8		
	<u>Hack up/off and remove granolithic, screeds, plaster, etc. from concrete or brickwork and prepare surfaces for new screeds, plaster, etc:</u>				
10	External plaster from walls and columns.	m2	99		
	<u>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:</u>				
11	Porcelain floor tiles.	m2	5		
12	Ceramic wall tiles.	m2	7		
	<u>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):</u>				
13	Water closet with all necessary piping, stop cocks, valves, etc.	No	6		
14	Wash hand basin with all necessary piping, stop cocks, valves, taps, etc.	No	5		
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15	Urinal with all necessary piping, stop cocks, valves, etc.	No	3		
16	Sink with all necessary piping, stop cocks, valves, taps, etc.	No	1		
17	Toilet roll holders, soap dispensers, paper towel dispensers, dustbins, etc.	No	18		
	<u>Carefully take up, remove and set aside for re-use (re-use elsewhere):</u>				
18	60mm Thick concrete and clay pavers	m2	14		
	<u>MAKE GOOD FINISHES, ETC.</u>				
	<u>Make good internal granolithic, screed, plaster, etc. to match existing:</u>				
19	Floors in patches.	m2	5		
20	Walls in patches.	m2	7		
21	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	3		
	<u>Clean down existing:</u>				
22	Deep clean existing tiles.	m2	201		
23	Clean down existing glazing.	m2	3		
	<u>REPAIR WORK AND SERVICING OF EXISTING DOORS AND WINDOWS</u>				
	<u>Timber Doors Hung on Timber Frames:</u>				
24	Repair and service existing timber doors, timber frames and ironmongery including lubricating all components, tightening all loose screws, replacing missing fixtures, straightening out striking plates, etc.	No	8		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	Alterations				

Section No. 2 Bill No. 1 Alterations <u>COLLECTION</u> Total Brought Forward from Page No.				
<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 1 Alterations</p>			R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>ROOF COVERINGS, ETC.</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Straight cutting</u></p> <p>Description of all roof coverings are deemed to include for all straight cutting</p> <p><u>PROFILED SHEETING OF METAL, FIBRE-CEMENT, PLASTICS, ETC.</u></p> <p><u>0,58mm Thick profiled heavy industrial galvanised sheet metal roof sheeting with chromadek finish, sheets 700mm wide with one 41mm high male and female ribs at ends and two 41mm high centre ribs, with chromadek finish on one side in single lengths fixed to steel purlins by means of concealed fixings with 41mm deep flutes and fully interlocking fixing clips, including heavy duty industrial gauge chromadek finished accessories, fixed in strict accordance with the manufacturer's instructions:</u></p>			
1	<p>Sheeting laid to roof with pitch not exceeding 25 degrees in single lengths (measured nett).</p>	m2	42	
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 2 Roof Coverings, Etc.</p>			

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 3</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>FASCIA AND BARGE BOARDS, ETC.</u></p> <p><u>Tempered fibre cement:</u></p>			
1	<p>12 x 150mm Fascia board countersunk screwed to roof timbers (elsewhere) with one brass screw at maximum 750mm centres and joined with and including standard aluminium halfround cover strips at all joints.</p>	m	18	
2	<p>12 x 200mm Barge board countersunk screwed to roof timbers (elsewhere) with one brass screw at maximum 750mm centres and nailed with steel nails into mortar joints at 750mm and joined with and including standard aluminium halfround cover strips at all joints.</p>	m	18	
	<p><u>DOORS, WINDOWS, SASHES, ETC.</u></p> <p><u>Semi-solid flush doors:</u></p>			
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 3 Carpentry and Joinery</p>			

3	<p><u>44mm Thick door with hardwood concealed edge strips finished on both sides with commercial veneer and hung on steel frames (frames elsewhere):</u></p> <p>Door size overall 813 x 2032mm high.</p> <p>No</p> <p>3</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 3 Carpentry and Joinery</p>	No	3	<p>R</p>
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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>SUSPENDED CEILINGS</u></p> <p><u>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:</u></p>			
1	<p>Ceiling suspended not exceeding 1m below concrete soffits.</p> <p><u>CORNICES, ETC.:</u></p>	m2	38	
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 4 Ceilings, Partitions and Access Flooring</p>			

2	<p><u>Powdercoated shadowline cornices:</u></p> <p>25mm GMS shadowline cornice secured to plastered wall and ceiling boarding including mitres, etc.</p> <p>m</p> <p>78</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 4 Ceilings, Partitions and Access Flooring</p>				
			R		

<p>Section No. 2</p> <p>Bill No. 4</p> <p>Ceilings, Partitions and Access Flooring</p> <p><u>COLLECTION</u></p> <p>Total Brought Forward from Page No.</p> <p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2</p> <p>Bill No. 4</p> <p>Ceilings, Partitions and Access Flooring</p>	<p>Page No</p> <p>61</p> <p>62</p>	<p>Amount</p>	
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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 5</u></p> <p><u>IRONMONGERY</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>LOCKS</u></p> <p>1 "QS6055/1/AS/SS" Cylinder latch and dead bolt lock. No 5</p> <p>2 "QS4406/QS4409" Thumbturn wc indicator bolt. No 5</p> <p><u>HANDLES</u></p> <p>3 "Kiruna" stainless steel lever handle on rose. Pairs 5</p> <p>4 "QS4403" Stainless steel cylinder escutcheon. Pairs 5</p> <p><u>BATHROOM FITTINGS</u></p> <p>5 "Kwakuhle Hygiene" lockable and vandal resistant white powder coated metal roll holder Ref TR3W. No 6</p> <p>6 "Kwakuhle Hygiene" ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white. No 2</p>			
	<p>Carried to Collection</p> <p>Section No. 2 Bill No. 5 Ironmongery</p>		R	

7	"Kwakuhle Hygiene" stainless steel 950ml vandal and theft resistant Soap Dispenser.	No	5		
8	"Costa Lambrianos CLX 2500 (Ref. 59)" stainless steel fully automatic hand dryer with infrared sensor plugged to wall.	No	2		
9	"Chilli B CL-01052" 820mm 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.	No	1		
<u>GRAB RAILS, ETC.</u>					
10	"Railman Grabrails DL2" stainless steel dogleg grab rail plugged to wall in strict accordance with the manufacturer's instructions.	No	1		
11	"Railman Grabrails SR2" stainless steel rear grab rail plugged to wall in strict accordance with the manufacturer's instructions.	No	1		
<u>TOILET BINS</u>					
<u>Stainless steel</u>					
12	Half moon wall mounted bin size 330 x 450 x 180mm.	No	2		
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Section No. 2 Bill No. 5 Ironmongery					

Section No. 2	Page No	Amount	R
Bill No. 5			
Ironmongery	64		
<u>COLLECTION</u>	65		
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Section No. 2 Bill No. 5 Ironmongery			

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 6</u></p> <p><u>METALWORK</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>PRESSED STEEL DOOR FRAMES</u></p> <p><u>1,6mm Thick double rebated frames suitable for half brick walls complete with hoop iron anchors welded to frame, one adjustable stainless steel striking plate suitable for cylinder locks, three rubber shock absorbers in rebate and one pair of 100mm standard heavy duty brass butt hinges welded to frame:</u></p>			
1	Frame for door size 813 x 2032mm high.	No	3	
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 6 Metalwork</p>		R	

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	<p><u>SUNDRIES</u></p> <p><u>Corner protectors, dividing strips, etc.:</u></p> <p>5 "Kirk M-Trim PRE090" 9mm high white PVC round edge trim fixed with patent adhesive to external wall corners.</p> <p>m</p> <p>8</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 8 Tiling</p>				
			R		

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	<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	6		
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 : 8541Z000), fixed on and including two hanger brackets (Code : 8127Z000) and connected complete in strict accordance with the manufacturer's instructions.	No	3		
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	5		
	<u>TRAPS, ETC.</u>				
9	"Cobra (Ref. 340)" 40mm chromium plated brass bottle trap.	No	9		
10	38mm Combination sink rubber P or S trap.	No	5		
	<u>TAPS, VALVES, ETC.</u>				
	<u>Chromium plated:</u>				
11	"Cobra Watertech", or equal approved, Chrome Junior Flushmaster exposed flush valve (Code: FJ6-000), installed in accordance with the manufacturer's recommendations.	No	3		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 9				
	Plumbing and Drainage				

12	"Cobra Watertech", or equal approved, chrome Junior Flushmaster exposed water closet flush valve (Code: FJS2-100) with integral vacuum breaker, ballostop valve and BSP inlet, bent flush pipe and connectors, etc, installed in accordance with the manufacturer's recommendations	No	6		
13	"Cobra Carina 294CA" 15mm basin mixer including flexible connection hoses.	No	5		
14	"Cobra 832/350" 15mm angle valve.	No	26		
	<u>Sundries:</u>				
15	15mm Flexihose 450mm long.	No	6		
	<u>SOIL AND WASTE WATER DRAINAGE</u>				
	<u>uPVC pipes</u>				
16	50mm Pipes	m	10		
17	100mm Pipes	m	15		
	<u>Extra over uPVC pipes for fittings</u>				
18	50mm Access bend	No	8		
19	50mm Access junction	No	4		
20	100mm Access bend	No	10		
21	100mm Access junction	No	3		
22	100mm Access bend pan connector	No	3		
23	110mm "GI Two-way" vent valve	No	2		
24	100 x 50mm Access reducing junction	No	2		
25	100mm Stub stack.	No	6		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 9				
	Plumbing and Drainage				

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Section No. 2 Bill No. 9 Plumbing and Drainage <u>COLLECTION</u> Total Brought Forward from Page No.				
<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 9 Plumbing and Drainage</p>			R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>PAINTWORK</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>PAINTWORK TO NEW WORK</u></p> <p><u>PLASTERBOARD</u></p> <p><u>Prepare and apply one coat "Plascon" primer and two coats "Plascon Professional Super Matt" paint on:</u></p>			
1	<p>Ceilings and cornices.</p> <p>m2</p>	38		
	<p><u>METAL</u></p> <p><u>Prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvagio" paint on:</u></p>			
2	<p>Frames and linings.</p> <p>m2</p>	1		
3	<p>Roof sheeting.</p> <p>m2</p>	42		
	<p><u>WOOD</u></p>			
	<p>Carried to Collection</p>		R	
	<p>Section No. 2</p> <p>Bill No. 10</p> <p>Paintwork</p>			

<u>Prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvagio" paint on:</u>					
4	Fascias, barge boards, etc.	m2	5		
5	General surfaces of doors.	m2	4		
<u>PAINTWORK TO PREVIOUSLY PAINTED WORK</u>					
<u>PLASTER</u>					
<u>Clean down, prepare and apply one coat "Plascon" plaster primer and two coats "Plascon Double Velvet" paint on:</u>					
6	External plastered walls, columns, recessed bands, etc.	m2	109		
<u>Clean down, prepare and apply one coat "Plascon" plaster primer and two coats "Plascon Double Velvet" paint on:</u>					
7	Internal plastered walls, columns, recessed bands, etc.	m2	7		
<u>METAL</u>					
<u>Clean down, prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvagio" paint on:</u>					
8	Frames and linings.	m2	9		
9	On hand rails and balustrades (measured flat both sides).	m2	5		
10	Gates, grilles, burglar bars, etc. (both sides measured).	m2	4		
<u>WOOD</u>					
Carried to Collection				R	
Section No. 2					
Bill No. 10					
Paintwork					

11	<p><u>Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvagro" paint on:</u></p> <p>General surfaces of doors.</p> <p>m2</p> <p>30</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 10 Paintwork</p>			<p>R</p>
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3	<p><u>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:</u></p> <p>Paving to roads, parking areas, pavements, etc. in patchwork and small quantities to falls including any consequent cutting (circular cutting elsewhere) and tying into existing paving.</p> <p>m2</p> <p>14</p> <p>Carried to Collection</p> <p>Section No. 3 Bill No. 1 Sundry External Works</p>			<p>R</p>
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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 3</u></p> <p><u>BILL NO. 2</u></p> <p><u>STORMWATER DRAINAGE, SOIL DRAINAGE & WATER RETICULATION</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)</u></p> <p>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.</p>			
	<p><u>STORMWATER RETICULATION</u></p> <p><u>Cleaning existing grid inlets, kerb inlets, pipes, etc.:</u></p> <p>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. No 3</p> <p><u>Manhole covers, gratings, frames, etc.:</u></p> <p>2 600 x 600mm Heavy duty polymer concrete cover slab including frame as supplied by "civil cultured polymer products cc", or equal approved. No 2</p> <p><u>SEWER RETICULATION</u></p>			
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 3 Bill No. 2 Stormwater Drainage, Soil Drainage and Water Retic</p>		R	

3	<p><u>Cleaning existing manholes, pipes, etc.:</u></p> <p>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.</p> <p>No</p> <p>2</p> <p>Carried to Collection</p> <p>Section No. 3 Bill No. 2 Stormwater Drainage, Soil Drainage and Water Retic</p>			
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Bill No	<u>SECTION SUMMARY - External Works</u>	Page No		Amount
1	Sundry External Works	84		
2	Stormwater Drainage, Soil Drainage and Water Reticulation	87		
	<p>Section No. 3</p> <p>Carried to Final Summary</p>		R	

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<u>HVAC INSTALLATION</u>					
4	Provide the amount of R20,000.00 (Twenty Thousand Rand) for HVAC installation executed complete.	Item		20,000.00	
5	Profit on above item.		%		
6	Attendance on ditto.		%		
<u>FIRE PROTECTION</u>					
7	Provide the amount of R15,050.00 (Fifteen Thousand and Fifty Rand) for fire protection executed complete.	Item		15,050.00	
8	Profit on above item.		%		
9	Attendance on ditto.		%		
<u>STORE ROOM UNITS</u>					
10	Provide the amount of R10,000.00 (Ten Thousand Rand) for store room units installed complete.	Item		10,000.00	
11	Profit on above item.		%		
12	Attendance on ditto.		%		
<u>STAND ALONE ALARM SYSTEM</u>					
13	Provide the amount of R20,000.00 (Twenty Thousand Rand) for signage installed complete.	Item		20,000.00	
14	Profit on above item.		%		
15	Attendance on ditto.		%		
<u>SIGNAGE</u>					
16	Provide the amount of R5,000.00 (Five Thousand Rand) for signage installed complete.	Item		5,000.00	
17	Profit on above item.		%		
Carried to Collection				R	
Section No. 4					
Bill No. 1					
Provisional Sums					

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