

Item No	SANS Pay Ref		Unit	Quantity	Rate	Amount
	SANS 1200A	<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>				
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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</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>				
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2		Clause 2.0 - Law, regulations and notices					
		F:..... V:..... T:.....		Item			
3		Clause 3.0 - Offer and acceptance					
		F:..... V:..... T:.....		Item			
4		Clause 4.0 - Cession and assignment					
		F:..... V:..... T:.....		Item			
5		Clause 5.0 - Documents					
		F:..... V:..... T:.....		Item			
6		Clause 6.0 - Employer's agents					
		Delegated authority					
		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 :					
		1. <u>Architect</u>					
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		<p>3.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <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>					
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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>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>					
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		<p>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</p> <p>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</p> <p>6.2.3 Compliance with the law, regulations and bylaws [2.1]</p> <p>6.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>6.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>6.2.6 Removal or re-execution of work</p> <p>6.2.7 Removal or substitution of any materials and goods</p> <p>6.2.8 Protection of the works</p> <p>6.2.9 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>6.2.10 Rectification of defects [21.2]</p>					
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7		<p>Clause 7.0 - Design responsibility</p> <p>F:..... V:..... T:.....</p> <p><u>Insurances and securities (A8-A11)</u></p>		Item			
8		<p>Clause 8.0 - Works risk</p> <p>F:..... V:..... T:.....</p>		Item			
9		<p>Clause 9.0 - Indemnities</p> <p>F:..... V:..... T:.....</p>		Item			
10		<p>Clause 10.0 - Insurances</p> <p>F:..... V:..... T:.....</p>		Item			
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11		<p>Clause 11.0 - Securities</p> <p>Clause 11.5 Omit this clause in its entirety</p> <p>Clause 11.5.1 Omit this clause in its entirety</p> <p>Clause 11.5.2 Omit this clause in its entirety</p> <p>Clause 11.6 Omit this clause in its entirety</p> <p>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><u>Execution (A12 - A17)</u></p> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</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			
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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 practical completion Substitution of materials and goods The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8, 23.1 & 2] F:..... V:..... T:.....		Item			
24		Clause 24.0 - Penalty for late or non-completion F:..... V:..... T:..... <u>Payment (A25 - A27)</u>		Item			
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25		<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> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>					
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26		<p>Clause 26.0 - Adjustment of the contract value and final account</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 [26.9.5]</p> <p>Tenant installations/users requirements delayed</p> <p>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 practical completion</p> <p>Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent 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 practical completion of the works</p> <p>The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission</p> <p>Cost of claims</p> <p>All costs incurred by the contractor in</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>				
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29		<p>Clause 29.0 - Termination</p> <p>F:..... V:..... T:.....</p> <p><u>Dispute resolution (A30)</u></p>		Item			
30		<p>Clause 30.0 - Dispute resolution</p> <p>F:..... V:..... T:.....</p>		Item			
31		<p>Agreement</p> <p>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</p> <p>F:..... V:..... T:.....</p>		Item			
32		<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>		Item			
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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>					
38		<p>Clause 2.4 - Ordering of materials and goods</p> <p>F:..... V:..... T:.....</p> <p>Previous work and adjoining properties (B3)</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			
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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			
43	<p>Clause 4.2 - Enclosure of the works</p> <p>F:..... V:..... T:.....</p>		Item			
44	<p>Clause 4.3 - Geotechnical and other investigations</p> <p>F:..... V:..... T:.....</p>		Item			
45	<p>Clause 4.4 - Encroachments</p> <p>F:..... V:..... T:.....</p>		Item			
46	<p>Clause 4.5 - Existing premises occupied</p> <p>F:..... V:..... T:.....</p>		Item			
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47	<p>Clause 4.6 - Services - known</p> <p>F:..... V:..... T:.....</p> <p><u>Management of contract (B5)</u></p>		Item			
48	<p>Clause 5.1 - Management of the works</p> <p>F:..... V:..... T:.....</p>		Item			
49	<p>Clause 5.2 - Progress meetings</p> <p>F:..... V:..... T:.....</p>		Item			
50	<p>Clause 5.3 - Technical meetings</p> <p>F:..... V:..... T:.....</p> <p><u>Samples, shop drawings and manufacturer's instructions (B6)</u></p>		Item			
51	<p>Clause 6.1 - Samples of materials</p> <p>F:..... V:..... T:.....</p>		Item			
52	<p>Clause 6.2 - Workmanship samples</p> <p>F:..... V:..... T:.....</p>		Item			
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53	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item		
54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item		
55	<u>Deposits and fees (B7)</u> Clause 7.1 - Deposits and fees F:..... V:..... T:.....	Item		
56	<u>Temporary services (B8)</u> Clause 8.1 - Water F:..... V:..... T:.....	Item		
57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item		
58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item		
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59		<p>Clause 8.4 - Communication facilities</p> <p>F:..... V:..... T:.....</p> <p><u>Prime cost amounts (B9)</u></p>		Item			
60		<p>Clause 9.1 - Responsibility for prime cost amounts</p> <p>F:..... V:..... T:.....</p> <p><u>Attendance on subcontractors (B10)</u></p>		Item			
61		<p>Clause 10.1 - General attendance</p> <p>F:..... V:..... T:.....</p>		Item			
62		<p>Clause 10.2 - Special attendance</p> <p>F:..... V:..... T:.....</p> <p><u>General (B11)</u></p>		Item			
63		<p>Clause 11.1 - Protection of the works</p> <p>F:..... V:..... T:.....</p>		Item			
64		<p>Clause 11.2 - Protection/isolation of existing works and works occupied in sections</p> <p>F:..... V:..... T:.....</p>		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			
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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>					
69		<p>Clause 11.7 - Works cleaning and clearing</p> <p>F:..... V:..... T:.....</p>		Item			
70		<p>Clause 11.8 - Vermin</p> <p>F:..... V:..... T:.....</p>		Item			
71		<p>Clause 11.9 - Overhand work</p> <p>F:..... V:..... T:.....</p>		Item			
72		<p>Clause 11.10 - Tenant installations</p> <p>F:..... V:..... T:.....</p>		Item			
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74		<p><u>SECTION C: SPECIFIC PRELIMINARIES</u></p> <p>Site instructions</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>		Item		
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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>					
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</p>		Item			
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		<p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>					
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92		<p>Unauthorised Persons/Workmen on Premises</p> <p>The Contractor shall at all times strictly exclude all unauthorized persons from the site and shall set up notice boards to that effect</p> <p>F:..... V:..... T:.....</p>		Item			
93		<p>Guarantees and Maintenance Instructions/Manuals</p> <p>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</p> <p>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</p> <p>F:..... V:..... T:.....</p>		Item			
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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>					
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</p>		Item			
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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>					
101		<p>Environmental Management Plan</p> <p>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</p> <p>F:..... V:..... T:.....</p>		Item			
102		<p>Health and safety</p> <p>Without limiting the generality of the provisions of clause 2.0, the contractor's 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</p> <p style="text-align: right;">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>		R	
	<p>Section No. 2</p> <p>Bill No. 1</p> <p>Alterations</p>			

	<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	

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.					
<u>TEMPORARY BARRIERS, SCREENS, ETC.</u>					
<u>Temporary barriers, screens, etc., including removal</u>					
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	25			
2 Extra over ditto for single leaf door size overall 1100 x 3350mm high, including all necessary posts, framing, lock, etc.	No	1			
<u>DEMOLITIONS</u>					
3 Demolish existing rectangular shaped single storey building and cart away all materials including sealing off existing services, etc. Building formed of face/plastered brick external and plastered internal walls with a timber mono-pitched roof structure and corrugated iron roof sheeting, gypsum plasterboard ceilings, steel windows and steel door frames with timber doors. Size overall 12m x 4.5m x 3,0m high.	No	1			
<u>REMOVAL OF EXISTING WORK</u>					
Carried to Collection			R		
Section No. 2 Bill No. 1 Alterations					

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6	<p><u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc.:</u></p> <p>15 x 100mm Wide sills set flat and slightly projecting</p> <p>m</p> <p>12</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 2 Masonry</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>WATERPROOFING</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>Waterproofing</u></p> <p>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.</p>			
	<p><u>PROTECTIVE PAINT</u></p> <p><u>Prepare existing surfaces and spray apply Aquagard 422, or equal approved, clear penetrating waterproof sealant in strict accordance with the manufacturers instructions on:</u></p>			
1	External facebrick walls and plaster surfaces.	m2	92	
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 3 Waterproofing</p>		R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</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>PROFIED METAL SHEETING AND ACCESSORIES</u></p> <p><u>0,50mm Thick profiled light industrial zincalume sheet metal roof sheeting, sheets 700mm wide with one male and female rib at ends 42mm high and two centre ribs 42mm high, with chromadek finish on one side in single lengths fixed to timber purlins by means of concealed fixings with 42mm deep flutes and fully interlocking fixing clips, including heavy industrial gauge chromadek finished accessories, fixed in strict accordance with the manufacturer's instructions:</u></p>			
1	<p>Sheeting laid to roof not exceeding 50 degrees in single lengths (measured nett).</p> <p>m2</p>	64		
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 4 Roof Coverings, Etc.</p>		R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 5</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>SUPPLEMENTARY PREAMBLES</u></p> <p><u>PREFABRICATED TIMBER ROOF TRUSSES</u></p> <p><u>TIMBER</u></p> <p>Timber for trusses shall be of South African softwood and be at least of grade 4 and in accordance with SABS Specification No. 563 or 1460.</p> <p><u>BOLTS</u></p> <p>Bolts shall be to BS 4190 or SABS 135.</p> <p><u>SHEAR PLATES, TOOTH CONNECTORS AND SPLIT RINGS</u></p> <p>These shall be as specified in BBS 1759 : 1960 and installed in accordance with the CSIR Publication HOUT 468, 'the Design, Manufacture and Erection of Timber Trusses'.</p>			
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 Carpentry and Joinery</p>		R	

<p><u>NAILS</u></p> <p>These shall be in accordance with SABS 820 : 1974.</p> <p><u>METAL CONNECTOR PLATES</u></p> <p>Metal truss connector plates shall be fabricated out of galvanised steel of at least 1mm nominal thickness.</p> <p>The steel used shall have a minimum yield strength of 250MPa and a minimum ultimate tensile strength of 330MPa. The corrosion resistant coating shall be 0.275kg/m² commercial class hot dipped galvanising.</p> <p>The connector shall have been tested by the CSIR and be of a size capable of transmitting between the members of truss without exceeding the design values given in the CSIR report.</p> <p><u>FABRICATION</u></p> <p>Prefabricated trusses shall be fabricated in a factory by a truss fabricator who has been awarded a Certificate of Competence by the Institute of Timber Construction and is approved by the Architect.</p> <p>The trusses shall be constructed to ensure the correct profile, overhangs and cambers.</p> <p>Where metal connector plates are used all joints shall be close fitting butt joints made by precision pressing of the metal connector plates into each side of the joint.</p> <p><u>TRUSS DESIGN</u></p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with the SABS Code of Practice for the Design of Timber Structures, SABS 0163 and the code of Practice for Procedures and Loadings SABS 0160.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 Carpentry and Joinery</p>			R	
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	<p><u>TRUSS SPACING AND PITCH</u></p> <p>The truss centres shall be less than or equal to that shown on the drawing.</p> <p>The truss pitch shall be as shown on the drawings issued herewith.</p> <p><u>DRAWINGS</u></p> <p>Polyester prints, of size A1, shall be provided to the Engineer for approval prior to fabrication.</p> <p>These drawings shall be signed by a Professional Engineer.</p> <p>The following minimum information shall be supplied:</p> <p>Details of the roof system with the positions of all trusses, girders and beams clearly indicated.</p> <p>Bracing details.</p> <p>All member sizes and grades.</p> <p>Connector plate sizes for all truss joints. Code numbers are deemed to be insufficient.</p> <p>All connection and hold down details between trusses, girders, beams and supports.</p> <p>The type of roof covering, ceiling and any other loads taken into account in the design.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 Carpentry and Joinery</p>			
			R	

	<p><u>GENERAL</u></p> <p>The schedule of prices shall include all timber of the required grade and type shown on the designs, all cutting and waste, cutting to exact lengths and end angles necessary to manufacture the respective truss types, the supply of all connector plates, fabrication of the trusses checking the completed trusses for quality and loading up and transporting to the site of the works, off loading, storing and erecting on site.</p> <p><u>ERECTION</u></p> <p>The trusses shall be hoisted and erected strictly in accordance with the procedures and recommendations of the manual 'The Erection and Bracing of Timber Roof Trusses' published by the Institute for Timber Construction, the Council for Scientific and Industrial Research and as detailed by the designer.</p> <p>The complete structure shall be inspected by the truss designer to ensure that the manufacture of the trusses and erection details have been complied with.</p> <p><u>TRUSS LOADING</u></p> <p><u>Trusses shall be designed for:</u></p> <p>Roof cover - Sheet Metal Roof Sheeting.</p> <p>Ceilings - 9mm thick gypsum ceilings.</p> <p><u>TRUSSES</u></p> <p>All trusses etc. shall be to the approval of the Engineer and shall comply with the drawings issued with this Bills of Quantities.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 Carpentry and Joinery</p>			
			R	

<u>Prefabricated trusses including girders, hips, valleys, runners, bracing, cleats, battens, etc. supplied and fixed complete:</u>					
1	Rectangular shaped roof size overall 12.60 x 5.10m wide on plan including hoisting and fixing in position approximately 3m above ground level.	No	1		
<u>SUNDRY ROOF TIMBERS</u>					
2	38 x 114mm Wall plate bedded on and including 1:3 cement mortar bedding.	m	33		
3	38 x 76 Brandering.	m	108		
<u>FASCIAS AND BARGE BOARDS, ETC.</u>					
<u>Tempered fibre cement:</u>					
4	15 x 300mm Fascia board countersunk screwed to roof timbers (elsewhere) with one brass screw at maximum 750mm centres and butt jointed with and including standard fascia jointing plates at all joints.	m	35		
5	15 x 300mm Barge board countersunk screwed to roof timbers (elsewhere) with one brass screw at maximum 750mm centres and butt jointed with and including standard fascia jointing plates at all joints.	m	35		
<u>DOORS, WINDOWS, SASHES, ETC.</u>					
<u>Semi-solid flush doors:</u>					
<u>44mm Thick door with hardwood concealed edge strips finished on both sides with commercial veneer and hung on steel frames (frames elsewhere):</u>					
6	Door size overall 813 x 2032mm high.	No	9		
Carried to Collection				R	
Section No. 2					
Bill No. 5					
Carpentry and Joinery					

7	<p><u>SKIRTINGS</u></p> <p>25 x 75mm High wrot meranti skirting including 19mm quarter round plugged to plastered walls at 500mm centres.</p> <p>m</p> <p>9</p> <p>Carried to Collection</p> <p>Section No. 2 Bill No. 5 Carpentry and Joinery</p>			<p>R</p>
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Section No. 2 Bill No. 5 Carpentry and Joinery <u>COLLECTION</u> Total Brought Forward from Page No.				
<p style="text-align: right;">Carried Forward to Summary of Section No. 2</p> Section No. 2 Bill No. 5 Carpentry and Joinery				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 6</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	54	
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 6 Ceilings, Partitions and Access Flooring</p>			

	<u>Powdercoated shadowline cornices:</u>				
	2 25mm GMS shadowline cornice secured to plastered wall and ceiling boarding including mitres, etc.	m	63		
	<u>TOILET PARTITIONS</u>				
	<u>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:</u>				
	3 Partition size 1555 x 1800mm high.	No	3		
	4 Full stile 540mm wide x 1850mm high.	No	3		
	5 End stile 150mm wide x 1850mm high.	No	3		
	6 Wall stile 115mm wide x 1850mm high.	No	8		
	7 Door size 740 x 1800mm high.	No	5		
Carried to Collection					R
Section No. 2					
Bill No. 6					
Ceilings, Partitions and Access Flooring					

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</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 4</p> <p>2 "QS6055/3/AS/SS" Cylinder roller ball lock. No 4</p> <p>3 "QS4406/QS4409" Thumbturn wc indicator bolt. No 6</p> <p>4 "QSR" Rebate conversion set. No 9</p> <p><u>HANDLES, ETC.</u></p> <p>5 "IW 1212/62/05" Set of two lever handles with 3mm aluminium backplates fixed back to back. No 9</p> <p>6 "Kiruna" stainless steel lever handle on rose. Pairs 1</p> <p>7 "QS4403" Stainless steel cylinder escutcheon. Pairs 9</p>			
	<p>Carried to Collection</p> <p>Section No. 2 Bill No. 7 Ironmongery</p>		R	

	<u>PUSH PLATES</u>				
8	"Union" 400 x 800 x 1,6mm thick SS5089-400W stainless steel kick plate.	No	3		
	<u>LETTERS, NAMEPLATES, ETC.</u>				
9	"Union" 152 x 152 x 3mm aluminium plate anodised silver with male pictogram Ref. No. AL5063E-06ASE10	No	1		
10	"Union" 152 x 152 x 3mm aluminium plate anodised silver with female pictogram Ref. No. AL5063E-06ASE11	No	1		
11	"Union" 152 x 152 x 3mm aluminium plate anodised silver with paraplegic pictogram Ref. No. AL5066E-06ASE14	No	1		
12	"Union" 152 x 152 x 3mm aluminium plate anodised silver with baby pictogram Ref. No. IW6004	No	1		
	<u>SUNDRIES</u>				
	<u>BATHROOM FITTINGS</u>				
13	"Kwakuhle Hygiene" lockable and vandal resistant white powder coated metal roll holder Ref TR3W.	No	6		
14	"Kwakuhle Hygiene" ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white.	No	3		
15	"Kwakuhle Hygiene" stainless steel 950ml vandal and theft resistant Soap Dispenser.	No	5		
16	"Costa Lambrianos CLX 2500 (Ref. 59)" stainless steel fully automatic hand dryer with infrared sensor plugged to wall.	No	3		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 7				
	Ironmongery				

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Section No. 2 Bill No. 7 Ironmongery <u>COLLECTION</u> Total Brought Forward from Page No.				
		Page No		Amount
		82		
		83		
		84		
<div> <div>Carried Forward to Summary of Section No. 2</div> <div> <div>R</div> <div></div> </div> </div>				
Section No. 2 Bill No. 7 Ironmongery				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</u></p> <p><u>METALWORK</u></p> <p><u>Tenderers are advised to study the "Model Preambles for Trades 1999" before accepting and signing for this Schedule.</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers Descriptions of expansion anchors and bolts an chemical anchors and bolts shall be deemed to include nuts, washers and mortises in brickwork or concrete Metalwork described as "holed for bolts(s)" shall be deemed to exclude the bolts unless otherwise described</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> <p>1 Frame for door size 813 x 2032mm high. No 9</p> <p><u>STEEL ROLLER SHUTTERS ETC.</u></p>			
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 8 Metalwork</p>		R	

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6	Burglar proofing screen size overall 790 x 1200mm high formed with 40 x 40 x 2,5mm equal leg angle framed frame infilled horizontally with and including 40 x 6mm flat bar at 105mm centres.	No	2		
7	Burglar proofing screen size overall 790 x 2230mm high formed with 40 x 40 x 2,5mm equal leg angle framed frame infilled horizontally with and including 40 x 6mm flat bar at 105mm centres.	No	5		
8	Burglar proofing screen size overall 813 x 2032mm high formed with 40 x 40 x 2,5mm equal leg angle framed frame infilled horizontally with and including 40 x 6mm flat bar at 105mm centres and steel sheeting fixed to outer frame.	No	4		
Carried to Collection					R
Section No. 2 Bill No. 8 Metalwork					

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>TILING</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>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</p>			
	<p><u>WALL TILING</u></p> <p><u>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 compound on:</u></p>			
1	Walls.	m2	194	
2	Narrow widths.	m2	15	
	<p><u>FLOOR TILING</u></p>			
	<p>Carried to Collection</p>		R	
	<p>Section No. 2</p> <p>Bill No. 10</p> <p>Tiling</p>			

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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	6		
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	7		
	<u>TRAPS, ETC.</u>				
9	"Cobra (Ref. 340)" 40mm chromium plated brass bottle trap.	No	6		
10	38mm Combination sink rubber P or S trap.	No	7		
	<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	6		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 11				
	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	7		
14	"Cobra 832/350" 15mm angle valve.	No	20		
	<u>Sundries:</u>				
15	15mm Flexihose 450mm long.	No	20		
	<u>SOIL AND WASTE WATER DRAINAGE</u>				
	<u>uPVC pipes</u>				
16	50mm Pipes	m	20		
17	100mm Pipes	m	18		
	<u>Extra over uPVC pipes for fittings</u>				
18	50mm Access bend	No	18		
19	50mm Access junction	No	13		
20	100mm Access bend	No	14		
21	100mm Access junction	No	8		
22	100mm Access bend pan connector	No	6		
23	110mm "GI Two-way" vent valve	No	3		
24	100 x 50mm Access reducing junction	No	3		
25	100mm Stub stack.	No	2		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 11				
	Plumbing and Drainage				

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 12</u></p> <p><u>GLAZING</u></p> <p><u>Tenderers are advised to study the "Model Preambles for Trades" before pricing this schedule.</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>GLAZING TO STEEL WITH PUTTY</u></p> <p><u>4mm Obscure glass</u></p>			
1	<p>Panes exceeding 0,5m2 and not exceeding 2m2.</p> <p><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></p> <p><u>6mm Thick silvered float glass copper backed mirrors with 10mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in porcelain tiled wall:</u></p>	m2	13	
2	<p>Mirror size 600 x 1000mm high.</p>	No	5	
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 12 Glazing</p>		R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 13</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>PLASTER</u></p> <p><u>Prepare and apply one coat "Plascon" plaster primer and two coats "Plascon Double Velvet" paint on:</u></p>			
1	Internal plastered walls, columns, recessed bands, etc.	m2	201	
2	External plastered walls, columns, recessed bands, etc.	m2	107	
	<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>			
3	Ceilings and cornices.	m2	54	
4	Partitions.	m2	40	
	Carried to Collection			
	Section No. 2			
	Bill No. 13			
	Paintwork			

<u>FIBRE CEMENT</u>					
<u>Prepare and apply one coat Plascon, or equal approved, plaster primer and two coats Plascon Double Velvet, or equal approved, paint:</u>					
5	On window cills in narrow girths.	m	82		
<u>METAL</u>					
<u>Prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvagio" paint on:</u>					
6	Frames and linings.	m2	27		
7	Gates, grilles, etc. (both sides measured).	m2	14		
<u>WOOD</u>					
<u>Prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvagio" paint on:</u>					
8	General surfaces of doors.	m2	37		
9	Skirtings, rails, etc. in narrow girths.	m	9		
Carried to Collection				R	
Section No. 2					
Bill No. 13					
Paintwork					

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	<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>3 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>25</p> <p>Carried to Collection</p> <p>Section No. 3 Bill No. 1 External Works</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 1</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>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>1</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	External Works	108			
2	Stormwater Drainage, Soil Drainage and Water Reticulation	111			
	<p>Section No. 3</p> <p style="text-align: right;">Carried to Final Summary</p>		R		

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

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Section No	<u>FINAL SUMMARY</u>	Page No		Amount	
1	Preliminaries	61			
2	Builders Work	105			
3	External Works	112			
4	Provisional Sums	116			
	Sub-Total		R		
	Value Added Tax (15%)		R		
	Total		R		
	Carried to Form of Tender		R		