

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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		F:..... V:..... T:.....		Item			
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>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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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><u>Execution (A12 - A17)</u></p> <p style="text-align: right;">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		<p>Clause 22.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>		Item				
23		<p>Clause 23.0 - Revision of the date for practical completion</p> <p>Substitution of materials and goods</p> <p>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]</p> <p>F:..... V:..... T:.....</p>		Item				
24		<p>Clause 24.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> <p><u>Payment (A25 - A27)</u></p>		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>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 40px;"></td><td style="width: 50%; height: 40px;"></td></tr> <tr> <td style="width: 50%; height: 40px;"></td><td style="width: 50%; height: 40px;"></td></tr> </table>				

		<p>the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs</p> <p>Claims from subcontractors</p> <p>The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]</p> <p>F:..... V:..... T:.....</p> <p>Clause 27.0 - Recovery of expense and/or loss</p> <p>F:..... V:..... T:.....</p> <p><u>Suspension and termination (A28 - A29)</u></p> <p>Clause 28.0 - Suspension by the contractor</p> <p>F:..... V:..... T:.....</p> <p>Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>		<p>Item</p> <p>Item</p> <p>Item</p>		<p></p> <p></p> <p></p> <p></p> <p></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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		SECTION B: GENERAL <u>PRELIMINARIES</u> <u>Definitions and interpretation (B1)</u> Clause 1.1 - Definitions F:..... V:..... T:.....					
33				Item			
34		Clause 1.2 - Interpretation F:..... V:..... T:.....		Item			
		<u>Documents (B2)</u> Clause 2.1 - Checking of documents F:..... V:..... T:.....		Item			
35							
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 F:..... V:..... T:.....		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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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>					
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>					
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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			
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			
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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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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			
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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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		Section No. 1					
		Bill No. 1					
		Preliminaries					
		<u>COLLECTION</u>					
				Page No		Amount	
		Brought Forward			R		
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		<u>COLLECTION</u>					
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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	50		
	2 Extra over ditto for single leaf door size overall 1100 x 3350mm high, including all necessary posts, framing, lock, etc.	No	1		
	<u>REMOVAL OF EXISTING WORK</u>				
	<u>Break down and remove brickwork, etc.:</u>				
	3 Half brick wall.	m2			
	4 One brick wall.	m2			
Carried to Collection					R
Section No. 2 Bill No. 1 Alterations					

	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere)</u>				
5	Single door and steel frame unit size overall 813 x 2032mm high from half brick wall.	No	4		
6	Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall.	No			
7	Door lockset including handles, escutcheons, cylinders, etc.	No	8		
8	Timber single door and frame size overall 813 x 2032mm including carefully setting aside door for re-use.	No			
9	Fibre cement window cills 150mm wide.	m			
	<u>Take out and remove glass, mirrors, etc.:</u>				
10	Glass from steel windows including cleaning out rebates and preparing for new glass.	m2			
11	Mirror size 500 x 600mm high.	No	6		
	<u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc.:</u>				
12	Suspended plasterboard ceilings including suspension grid, hangers, cornices, etc.	m2	57		
13	Suspended vinyl clad ceilings including suspension grid, hangers, cornices, etc.	m2			
14	Drywall partitioning system 2600mm high including all aluminium tracks, studs, wall boarding, doors, ironmongery, windows, etc.	m			
15	100 x 125mm Box gutters including hailguards.	m			
16	100mm Downpipes.	m			
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	Alterations				

	<u>Take out/off and remove sundry metalwork:</u>				
17	Hand dryer including disconnecting complete.	No			
	<u>Take up and remove vinyl floor coverings, carpeting, etc:</u>				
18	Carpets including preparing screed to receive new floor finish.	m2			
19	Vinyl floor covering including preparing screed for new floor finish.	m2			
	<u>Hack up/off and remove granolithic, screeds, plaster, etc. from concrete or brickwork and prepare surfaces for new screeds, plaster, etc:</u>				
20	Internal plaster from walls and columns.	m2			
21	Bituminous waterproofing membrane to slabs and beams including removal of all flashing strips, etc.	m2			
	<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>				
22	Porcelain floor tiles.	m2			
23	Porcelain wall tiles.	m2	10		
24	Ceramic wall tiles.	m2			
	<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>				
25	Water closet with all necessary piping, stop cocks, valves, etc.	No	10		
26	Wash hand basin with all necessary piping, stop cocks, valves, taps, etc.	No	3		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	Alterations				

27	Urinal with all necessary piping, stop cocks, valves, etc.	No	6		
28	Sink with all necessary piping, stop cocks, valves, taps, etc.	No	1		
29	Toilet roll holders, soap dispensers, paper towel dispensers, dustbins, etc.	No	15		
	<u>Take out and remove joinery fittings, etc.:</u>				
30	Timber sink cupboard 1200 x 600 x 900mm high.	No	1		
	<u>BUILD UP OPENINGS</u>				
	<u>Brickwork in SABS approved NFP bricks in class II mortar in building up opening in:</u>				
31	Half brick walls.	m2			
32	One brick walls.	m2			
	<u>MAKE GOOD FINISHES, ETC.</u>				
	<u>Make good internal granolithic, screed, plaster, etc. to match existing:</u>				
33	Floors in patches.	m2	5		
34	Walls in patches.	m2			
35	Concrete ceilings in patches.	m2			
36	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			
	<u>Clean down existing:</u>				
37	Deep clean existing tiles.	m2	278		
38	Clean down existing glazing.	m2	14		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	Alterations				

	<p><u>Facebrick Facades:</u></p> <p>39 Jet clean existing face brickwork and joints with a high pressure washer, cartaway all debris to a dumping site to be located by the Contractor, including making good all loose and missing mortar, all in accordance with the Architect's instructions. m2</p> <p><u>REPAIR WORK AND SERVICING OF EXISTING DOORS AND WINDOWS</u></p> <p><u>Steel Windows:</u></p> <p>40 Repair and service existing steel windows, shopfronts and ironmongery including lubricating all components, tightening all loose screws, replacing missing fixtures, realigning opening sections, replacing damaged putty, etc. m2</p> <p><u>Timber Doors Hung on Steel Frames:</u></p> <p>41 Repair and service existing timber doors, steel frames and ironmongery including lubricating all components, tightening all loose screws, replacing missing fixtures, straightening out striking plates, etc. No</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 Alterations</p>	<p>112</p> <p>6</p> <p>8</p>		<p>R</p>
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Section No. 2 Bill No. 1 Alterations <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. 1 Alterations				

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>Carried to Collection</p> <p>Section No. 2 Bill No. 2 Masonry</p>			<p>R</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>SLAB WATERPROOFING</u></p> <p>The Contractor shall allow in his rates for testing the waterproofing for water tightness by ponding the waterproofed surfaces for a period of at least 48 hours before application of a protective layer.</p>				
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 3 Waterproofing</p>		R		

<u>4mm Thick "Derbigum SP" fully bonded waterproofing guaranteed to remain watertight for a period of ten years on:</u>					
1	Concrete slab, beams and sides of parapets including dressing into outlets, turn-ups, etc.	m2			
2	Flashing strip 300mm girth at turn-ups including sealing top edge into groove with mastic.	m			
<u>PROTECTIVE PAINT</u>					
<u>Prepare and apply two coats bituminous aluminium paint on:</u>					
3	Waterproofing on concrete slab, beams and side of parapets.	m2			
<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>					
4	External facebrick walls and plaster surfaces.	m2	112		
Carried to Collection				R	
Section No. 2					
Bill No. 3					
Waterproofing					

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>			
1	<p><u>SUNDRIES</u></p> <p>Making good roof sheeting by screwing and sealing of loose or missing screws /nails, including sealing using an approved waterproof coating m2</p>	57		
	<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>DOORS, WINDOWS, SASHES, ETC.</u></p> <p><u>Semi-solid flush doors:</u></p> <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>			
1	Door size overall 813 x 2032mm high.	No	4	
2	Double leaf door with rebated meeting stiles size overall 1511 x 2032mm high.	No		
	<p><u>FRAMED FRAMES, ETC.</u></p> <p><u>Wrot meranti:</u></p>			
3	38 x 160mm Rebated frames plugged to suite door opening size 813 x 2032mm high including fixing timber door previously set aside.	No		
	Carried to Collection		R	
	Section No. 2			
	Bill No. 5			
	Carpentry and Joinery			

<p>Section No. 2</p> <p>Bill No. 5</p> <p>Carpentry and Joinery</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. 5</p> <p>Carpentry and Joinery</p>	<p>Page No</p> <p>77</p> <p>78</p>		<p>Amount</p>	
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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	57	
	<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	100		
	<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			
	4 Full stile 540mm wide x 1850mm high.	No			
	5 End stile 150mm wide x 1850mm high.	No			
	6 Wall stile 115mm wide x 1850mm high.	No			
	7 Door size 740 x 1800mm high.	No			
Carried to Collection				R	
Section No. 2					
Bill No. 6					
Ceilings, Partitions and Access Flooring					

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>FLOOR COVERINGS, WALL LININGS, 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>VINYL FLOOR COVERINGS, WALL LININGS, ETC.</u></p> <p>All vinyl sheeting is to be applied onto a Grade 1 substrate (elsewhere), complying with a hydrometer reading showing a moisture content of less than 75% with all sheets to be correctly butt-jointed and welded with a fully flexible coloured welding rod to provide a smooth hygienic sealed finish and rolled with a 50kg articulated floor roller, installed in strict accordance with the manufacturer's instructions.</p> <p>A polish free maintenance procedure is to be adopted for ongoing future maintenance. A detail thereof shall be provided to the Hospital's Management and Maintenance staff.</p>			
	<p style="text-align: right;">Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 7 Floor Coverings, Walls Linings, Etc.</p>			

<p><u>Allow a PC amount of R200.00/m2 (Excl. VAT) for the supply of 2mm thick "Tarkett Standard Plus", or equal approved, homogeneous vinyl sheeting installed with a suitably approved adhesive in strict accordance with the manufacturer's instructions (PC Amount INCLUDES supply and delivery of vinyl sheeting and welding rods):</u></p>					
1	On floors.	m2			
2	On floors in narrow widths.	m2			
3	500mm Girth margins and borders formed of 250mm wide horizontal border and 250mm high turn-ups over coves and up against walls.	m			
<p><u>SUNDRIES</u></p>					
<p><u>Transition strips, etc.:</u></p>					
4	"Kirk M-Trim ACGRE100" aluminium rounded edge carpet transition strip fixed with patent adhesive in strict accordance with manufacturers instructions.	m			
<p>Carried to Collection</p>				R	
<p>Section No. 2 Bill No. 7 Floor Coverings, Walls Linings, Etc.</p>					

Item No		Quantity	Rate	Amount	
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</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>				
1	"QS6055/1/AS/SS" Cylinder latch and dead bolt lock. No	2			
2	"QS6055/3/AS/SS" Cylinder roller ball lock. No				
3	"QS4406/QS4409" Thumbturn wc indicator bolt. No	2			
4	"QSR" Rebate conversion set. No				
	<p><u>HANDLES, ETC.</u></p>				
5	"IW 1212/62/05" Set of two lever handles with 3mm aluminium backplates fixed back to back. No				
6	"Kiruna" stainless steel lever handle on rose. Pairs	4			
7	"QS4403" Stainless steel cylinder escutcheon. Pairs				
	<p>Carried to Collection</p>				
	<p>Section No. 2</p> <p>Bill No. 8</p> <p>Ironmongery</p>				

	<u>PUSH PLATES</u>				
8	"Union" 400 x 800 x 1,6mm thick SS5089-400W stainless steel kick plate.	No			
	<u>LETTERS, NAMEPLATES, ETC.</u>				
9	"Union" 152 x 152 x 3mm aluminium plate anodised silver with male pictogram Ref. No. AL5063E-06ASE10	No			
10	"Union" 152 x 152 x 3mm aluminium plate anodised silver with female pictogram Ref. No. AL5063E-06ASE11	No			
11	"Union" 152 x 152 x 3mm aluminium plate anodised silver with paraplegic pictogram Ref. No. AL5066E-06ASE14	No			
12	"Union" 152 x 152 x 3mm aluminium plate anodised silver with baby pictogram Ref. No. IW6004	No			
	<u>SUNDRIES</u>				
	<u>BATHROOM FITTINGS</u>				
13	"Kwakhle Hygiene" lockable and vandal resistant white powder coated metal roll holder Ref TR3W.	No	10		
14	"Kwakhle Hygiene" ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white.	No	3		
15	"Kwakhle Hygiene" stainless steel 950ml vandal and theft resistant Soap Dispenser.	No	3		
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. 8				
	Ironmongery				

17	"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>				
18	"Railman Grabrails DL2" stainless steel dogleg grab rail plugged to wall in strict accordance with the manufacturer's instructions.	No	1		
19	"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>				
20	Half moon wall mounted bin size 330 x 450 x 180mm.	No	8		
Carried to Collection					R
Section No. 2 Bill No. 8 Ironmongery					

Section No. 2 Bill No. 8 Ironmongery <u>COLLECTION</u> Total Brought Forward from Page No.				
		Page No		Amount
		86		
		87		
		88		
<div> <div>Carried Forward to Summary of Section No. 2</div> <div>R</div> </div>				
Section No. 2 Bill No. 8 Ironmongery				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 9</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>			
1	<p>Frame for door size 813 x 2032mm high.</p> <p><u>STEEL ROLLER SHUTTERS ETC.</u></p>	No	4	
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 9 Metalwork</p>			

<p><u>Roll up "Serranda 2000", or equal approved, galvanised mild steel push up, 75 x 0.1mm thick endlocked slatted curtain roller shutter, standard bottom rail with overhead box 285mm high with 75mm wide guides</u></p>					
2	Manually operated roll-up type shutter door with 75mm thick endlocking slats, complete with 50 x 3mm thick cold rolled mild steel framing, standard channel section guides, roller mechanism, canopy and slide bolt locking device, rubber insulation weatherstrip to bottom T-bar, to suit opening size 813 x 2230mm high.	No	4		
3	Manually operated roll-up type shutter door with 75mm thick interlocking slats, complete with 50 x 3mm thick cold rolled mild steel framing, standard channel section guides, roller mechanism, canopy and slide bolt locking device, rubber insulation weatherstrip to bottom T-bar, to suit opening size 1200 x 2230mm high.	No			
<p><u>STEEL WINDOWS, DOORS, ETC.</u></p>					
<p><u>Purpose made industrial windows made from rolled steel sections complete and supplied complete with brass fittings:</u></p>					
4	Window size overall 1000 x 800mm high.	No	2		
<p><u>STEEL BURGLAR PROOF SCREENS</u></p>					
<p><u>Welded mild steel burglar proof screens formed of 40 x 40 x 2.5mm thick angle section framing with mitred and welded corners, the frame filled in with 40 x 6mm flat bars at 105mm centres, built into wall with heavy duty lugs including tack welding nuts and washers</u></p>					
5	Burglar proofing screen size overall 1000 x 800mm 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		
<p>Carried to Collection</p>				R	
<p>Section No. 2 Bill No. 9 Metalwork</p>					

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>PLASTERING</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>INTERNAL PLASTER</u></p> <p><u>One coat cement plaster minimum 15mm thick (5:1) wood floated to receive tiles (elsewhere) including all labours on:</u></p>			
1	Brick vertical surfaces (part on concrete).	m2		
2	Narrow widths.	m2		
	<p><u>Two coats cement plaster comprising one coat cement plaster minimum 15mm thick (5:1) steel floated and one finishing coat rhinolite including all labours on:</u></p>			
3	Brick vertical surfaces (part on concrete).	m2		
4	Narrow widths.	m2		
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 10 Plastering</p>		R	

<p><u>Allow a Prime Cost Amount of R250/m2 for porcelain wall tiles fixed with an approved adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof anti-fungal jointing compound on:</u></p>					
3	Walls.	m2			
4	Narrow widths.	m2			
<p><u>FLOOR TILING</u></p> <p><u>Allow a Prime Cost Amount of R170/m2 for porcelain floor tiles fixed with an approved adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound on:</u></p>					
5	Floors.	m2	10		
6	Narrow widths.	m2	2		
<p><u>SUNDRIES</u></p> <p><u>Corner protectors, dividing strips, etc.:</u></p>					
7	"Kirk M-Trim PRE090" 9mm high white PVC round edge trim fixed with patent adhesive to external wall corners.	m	6		
<p>Carried to Collection</p>				R	
<p>Section No. 2 Bill No. 11 Tiling</p>					

<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	10		
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	5		
<u>TRAPS, ETC.</u>					
9	"Cobra (Ref. 340)" 40mm chromium plated brass bottle trap.	No	11		
10	38mm Combination sink rubber P or S trap.	No	1		
<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	10		
Carried to Collection				R	
Section No. 2 Bill No. 12 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 value 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 Focus FC-956" 15mm single lever shower mixer.	No			
15	"Cobra Alto 076-ALTO5" shower head.	No			
16	"Cobra 026" shower arm.	No			
17	"Cobra 832/350" 15mm angle valve.	No	28		
	<u>Sundries:</u>				
18	15mm Flexihose 450mm long.	No	5		
	<u>SOIL AND WASTE WATER DRAINAGE</u>				
	<u>uPVC pipes</u>				
19	50mm Pipes	m	25		
20	100mm Pipes	m	12		
	<u>Extra over uPVC pipes for fittings</u>				
21	50mm Access bend	No	10		
22	50mm Access junction	No	7		
23	100mm Access bend	No	4		
24	100mm Access junction	No	2		
25	100mm Access bend pan connector	No	1		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 12				
	Plumbing and Drainage				

<p>Section No. 2</p> <p>Bill No. 12</p> <p>Plumbing and Drainage</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. 12</p> <p>Plumbing and Drainage</p>					

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 13</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	5	
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. 13 Glazing</p>		R	

	<u>Clean down, prepare and apply one coat "Plascon" primer and two coats "Plascon Professional Super Matt" paint on:</u>				
	11	Internal plastered slab soffits including beams.	m2		
	<u>PLASTERBOARD</u>				
	<u>Clean down, prepare and apply one coat "Plascon" primer and two coats "Plascon Professional Super Matt" paint on:</u>				
	12	Ceilings and cornices.	m2		
	13	Partitions.	m2		
	<u>METAL</u>				
	<u>Clean down, prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvaglo" paint on:</u>				
	14	Frames and linings.	m2		
	15	Gates, grilles, etc. (both sides measured).	m2		
	<u>WOOD</u>				
	<u>Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvaglo" paint on:</u>				
	16	General surfaces of doors.	m2	29	
	Carried to Collection				
	Section No. 2				R
	Bill No. 14				
	Paintwork				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 1</u>			
	<u>EXTERNAL WORKS</u>			
	<u>Tenderers are advised to study the "Model Preambles for Trades" before pricing this schedule.</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>FENCING</u>			
	<u>Hot dipped galvanised steel high security anti-climbing and anti-cut fence and gates similar to cochrane clearvu formed of 3mm diameter horizontal & vertical galvanised marine fusion bond coated high tensile steel mesh wires with 76,2mm x 12,7mm aperture and reinforced with 4 x 50mm deep V-section horizontal recessed bands with and including 85 x 45 x 3mm thick marine fusion bond coated taper posts, locking recess mechanism, UV stabilised polymer end caps, vandal resistant bolts, clamping plates, sealant, etc. with posts bolted to brick plinth wall or pier (elsewhere measured) in strict accordance with the manufacturer's instructions:</u>			
1	2400mm High fence with and including 2400mm high posts at 3328mm centres.	m	50	
2	3305 x 1870mm High fence panel with and including 2 No. 1870mm high end posts.	No		
3	Single leaf swing gate size overall 1495 x 2325mm high complete with and including frame, additional bracing, pull handles, lock box, heavy duty lock, lockable sliding bolt with keep, etc.	No	1	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3			
	Bill No. 1			
	External Works			

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>			
1	<p>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.</p>	No	1	
	<p><u>Manhole covers, gratings, frames, etc.:</u></p>			
2	<p>600 x 600mm Heavy duty polymer concrete cover slab including frame as supplied by "civil cultured polymer products cc", or equal approved.</p>	No	1	
	<p><u>SEWER RETICULATION</u></p>			
	<p>Carried to Collection</p>		R	
	<p>Section No. 3 Bill No. 2 Stormwater Drainage, Soil Drainage and Water Retic</p>			

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		

<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>CLO</u>					
13	Provide the amount of R50,000.00 (Fifty Thousand Rand) for a Community Liaison Officer.	Item		50,000.00	
14	Profit on above item.		%		
15	Attendance on ditto.		%		
Carried to Collection				R	
Section No. 4					
Bill No. 1					
Provisional Sums					

