

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 1</u></b></p> <p><b><u>BILL NO. 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b><u>NOTES</u></b></p> <p>The JBCC Series 2000 Principal Building Agreement (Edition 5.0 July 2007 code 2101) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The ASAQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities</p> <p>Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof</p> <p>These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents</p> <p>Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"</p>			
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<b><u>PREAMBLES FOR TRADES</u></b>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p>			
<p>Supplementary preambles as well as the Project Specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles</p>			
<p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p>			
<b><u>PRICING OF PRELIMINARIES</u></b>			
<p>Should the contractor select Option A in terms of subclause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)</p>			
<b><u>SECTION A - PRINCIPAL BUILDING AGREEMENT</u></b>			
<b><u>Definitions</u></b>			
1 Clause 1.0 - Definitions and interpretation			
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<b><u>Objective and preparations</u></b>					
2	<p>Clause 2.0 - Offer acceptance and performance obligations</p> <p>F:..... V:..... T:.....</p>	Item			
3	<p>Clause 3.0 - Documents</p> <p>Delete clause 3.3 and replace it with the following clause: The contractor shall waive its lien or right of continuing possession of the works in favour of the employer. The waiver shall be according to the JBCC Waiver of Contractor's Lien form, and shall ensure that any selected or nominated subcontractors or contractor's domestic subcontractors, also waive their lien or right of continuing possession, in favour of the employer and sign the JBCC Waiver of Contractor's Lien form.</p> <p>F:..... V:..... T:.....</p>	Item			
4	<p>Clause 4.0 - Design responsibility</p> <p>F:..... V:..... T:.....</p>	Item			
5	<p>Clause 5.0 - Employer's agents</p> <p>F:..... V:..... T:.....</p>	Item			
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6	<p>Clause 6.0 - Contractor's site representative</p> <p>The Contractor shall not make any change to the management of the Works without the Principal Agent's written approval.</p> <p>Should the Principal Agent consider that the Contractor's representative appears to be incompetent, or act in an uncooperative or improper manner, he may instruct that the representative be removed from the Works and be replaced by a competent and cooperative person to the Principal Agent's satisfaction.</p> <p>F:..... V:..... T:.....</p>	Item			
7	<p>Clause 7.0 - Compliance with laws and regulations</p> <p>Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 01 March 2014 issued in terms of the Occupational Health and Safety Act 1993, as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specifications.</p> <p>F:..... V:..... T:.....</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			
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10	Clause 10.0 - General insurances  F:..... V:..... T:.....	Item			
11	Clause 11.0 - Special insurances  F:..... V:..... T:.....	Item			
12	Clause 12.0 - Effecting insurances  F:..... V:..... T:.....	Item			
13	Clause 13.0 - Assignment  F:..... V:..... T:.....	Item			
14	Clause 14.0 - Security  F:..... V:..... T:.....	Item			
	<b><u>Execution</u></b>				
15	Clause 15.0 - Preparation for and execution of the works  F:..... V:..... T:.....	Item			
16	Clause 16.0 - Site and access  F:..... V:..... T:.....	Item			
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17	<p>Clause 17.0 - Contract instructions</p> <p>Only the Principal Agent is empowered to resolve cost aspects of any matter pertaining to the Contract.</p> <p>In addition to the provisions of sub-clause 17.3, contract instructions are to be recorded in triplicate in a contract instruction book, which is to be supplied and maintained on site by the Contractor</p> <p>F:..... V:..... T:.....</p>	Item			
18	<p>Clause 18.0 - Setting out of the works</p> <p>The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments.</p> <p>F:..... V:..... T:.....</p>	Item			
19	<p>Clause 19.0 - Temporary works and plant</p> <p>F:..... V:..... T:.....</p>	Item			
20	<p>Clause 20.0 - Nominated subcontractors</p> <p>In addition to the provisions of sub-clause 20.1.2, the Contractor shall, at any time on being requested to do so by the Principal Agent, furnish a copy of the JBCC Nominated Sub-Contract Agreement to the Employer, within five (5) working days of such request</p> <p>F:..... V:..... T:.....</p>	Item			
21	<p>Clause 21.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>	Item			
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22	Clause 22.0 - Employer's direct contractors  F:..... V:..... T:.....	Item			
23	Clause 23.0 - Contractor's domestic subcontractors  In addition to the provisions of sub-clause 23.1, the Contractor shall, at any time on being requested to do so by the Principal Agent, furnish a copy of the Domestic Sub-Contract Agreement to the Employer, within five (5) working days of such request  F:..... V:..... T:.....  <b><u>Completion</u></b>	Item			
24	Clause 24.0 - Practical completion  F:..... V:..... T:.....	Item			
25	Clause 25.0 - Works completion  F:..... V:..... T:.....	Item			
26	Clause 26.0 - Final completion  F:..... V:..... T:.....	Item			
27	Clause 27.0 - Latent defects liability period  F:..... V:..... T:.....	Item			
28	Clause 28.0 - Sectional completion  F:..... V:..... T:.....	Item			
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29	<p>Clause 29.0 - Revision of date for practical completion</p> <p>F:..... V:..... T:.....</p>	Item			
30	<p>Clause 30.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> <p><b><u>Payment</u></b></p>	Item			
31	<p>Clause 31.0 - Interim payment</p> <p>Notwithstanding this or any other clause, payment for unfixed materials on Site shall be at the sole discretion of the Principal Agent.</p> <p>Clause 31.4.2 is amended by adding the following: "Materials and goods stored off site shall not be included in the amount authorised for payment."</p> <p>Clause 31.9 is amended to read: "The Employer shall pay to the Contractor the amount certified in an interim payment certificate within thirty (30) calendar days of the date for issue of the payment certificate. Payment shall be subject to the Contractor giving the Employer a tax invoice for the amount due.</p> <p>F:..... V:..... T:.....</p>	Item			
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32	<p>Clause 32.0 - Adjustment to the contract value .</p> <p>Notwithstanding the provisions of clause 32.13 or any other clause all fluctuations in costs shall be for the account of the contractor. See also clause 41.4.6</p> <p>No qualification in respect of fluctuations in cost in respect of labour, plant, materials, preliminaries, etc., will be accepted. All fluctuations in cost - inter alia - of labour, materials, taxes (excluding Value Added Tax) exchange rates, transport charges, plant, overheads, etc., after the closing tenders shall be to the Contractor's account.</p> <p>Rates tendered shall remain fixed irrespective of any fluctuations in the value of the Works, and shall remain so for the duration of the Contract, and also for any extension of the Contract Period granted by the Principal Agent.</p> <p>Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract 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 final payment certificate, it shall be in writing.</p> <p>F:..... V:..... T:.....</p>	Item		
33	<p>Clause 33.0 - Recovery of expense and loss</p> <p>F:..... V:..... T:.....</p>	Item		
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34	<p>Clause 34.0 - Final account and final payment</p> <p>Clause 34.10 is amended to read: "The Employer shall pay to the Contractor the amount certified for payment in the Final Payment Certificate within thirty (30) calendar days of the date of issue of the Final Payment Certificate, subject to Contractor giving the Employer a Tax Invoice for the amount due".</p> <p>F:..... V:..... T:.....</p>	Item			
35	<p>Clause 35.0 - Payment to other parties</p> <p>F:..... V:..... T:.....</p> <p><b><u>Termination</u></b></p>	Item			
36	<p>Clause 36.0 - Termination by employer - contractor's default</p> <p>F:..... V:..... T:.....</p>	Item			
37	<p>Clause 37.0 - Termination by employer - loss and damage</p> <p>F:..... V:..... T:.....</p>	Item			
38	<p>Clause 38.0 - Termination by contractor - employer's default</p> <p>F:..... V:..... T:.....</p>	Item			
39	<p>Clause 39.0 - Termination - cessation of the works</p> <p>F:..... V:..... T:.....</p>	Item			
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40	<b><u>Dispute</u></b>				
	Clause 40.0 - Settlement of disputes				
	F:..... V:..... T:.....	Item			
41	<b><u>Contract agreement</u></b>				
	Clause 41.0 - Post tender provisions	Item			
42	The required post tender information shall be inserted in the post tender provisions after consultation with the contractor				
	Clause 42.0 - Contractual agreement	Item			
	The required information of the contracting parties and the amount of the accepted contract sum shall be inserted in the contractual agreement for signature of the agreement by the contracting parties				
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<b>SECTION B - PRELIMINARIES</b>				
<b>Definitions and interpretation</b>				
43	Clause 1.0 - Definitions and interpretation			
	F:..... V:..... T:.....	Item		
<b>Documents</b>				
44	Clause 2.1 - Checking of documents			
	F:..... V:..... T:.....	Item		
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<p>45</p>	<p>Clause 2.2 - Provisional bills of quantities</p> <ol style="list-style-type: none"> <li>1. The work set out in these Bills of Quantities is provisional and the quantities and specifications do not purport to represent a final assessment of the work eventually required to be done. The quantities and specifications herein have been set down solely in order to form a basis for the obtaining of competitive tenders.</li> <li>2. The Contractor shall be obliged, on instruction from the Principal Agent to execute such work as the Principal Agent in his sole discretion may consider necessary, whether or not such work is reflected in these Bills of Quantities or the Contract Drawings.</li> <li>3. The value of work executed shall be determined by the Principal Agent by applying, or with reference to, the rates contained in the priced Bills of Quantities. The rates (or rates analogues to them) will be applied irrespective of changes to the scope or nature of the works instructed by the Principal Agent; and no claims for extras, variations, loss of profits; the basis for which is the use of any alternate method of pricing; will be entertained.</li> <li>4. Provisional Sum Amounts, or Prime Cost Amounts may be replaced, reduced or omitted at the sole discretion of the Principal Agent, and no claim for loss of discount, profit, attendance mark-up percentage will be entertained.</li> </ol> <p>F:..... V:..... T:.....</p> <p><b>Carried to Collection</b></p> <p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>	<p>Item</p>	<p>R</p>	
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46	<p>Clause 2.3 - Availability of construction documentation</p> <p>The Tenderer shall together with his programme, submit the lead in periods for each area of sub-contract or independent activity. The Principal Agent shall, in his sole discretion determine the dates by which documentation should be prepared in order to meet the agreed construction programme.</p> <p>F:..... V:..... T:.....</p> <p><b><u>Previous work and adjoining properties</u></b></p>	Item			
47	<p>Clause 3.1 - Previous work - dimensional accuracy</p> <p>F:..... V:..... T:.....</p>	Item			
48	<p>Clause 3.2 - Previous work - defects</p> <p>F:..... V:..... T:.....</p>	Item			
49	<p>Clause 3.3 - Inspection of adjoining properties</p> <p>F:..... V:..... T:.....</p> <p><b><u>Samples, shop drawings and manufacturer's instructions</u></b></p>	Item			
50	<p>Clause 4.1 - Samples of materials</p> <p>F:..... V:..... T:.....</p>	Item			
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51	<p>Clause 4.2 - Workmanship samples</p> <p>The Principal Agent may instruct the Contractor to prepare certain samples or "mock-ups" of works to be executed. Once the workmanship and materials in such a sample is approved by the Principal Agent, he shall be entitled to reject any workmanship that does not correspond with the approved simple.</p> <p>The Contractor shall submit the samples or prepare the Mock-ups within a reasonable time of the request, and allow sufficient time for their consideration.</p> <p>F:..... V:..... T:.....</p>	Item			
52	<p>Clause 4.3 - Shop drawings</p> <p>F:..... V:..... T:.....</p>	Item			
53	<p>Clause 4.4 - Compliance with manufacturer's instructions</p> <p>F:..... V:..... T:.....</p> <p><b><u>Deposits and fees</u></b></p>	Item			
54	<p>Clause 5.1 - Deposits and fees</p> <p>F:..... V:..... T:.....</p> <p><b><u>Temporary services</u></b></p>	Item			
55	<p>Clause 6.1 - Water</p> <p>F:..... V:..... T:.....</p>	Item			
56	<p>Clause 6.2 - Electricity</p> <p>F:..... V:..... T:.....</p>	Item			
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57	Clause 6.3 - Telecommunication facilities  F:..... V:..... T:.....	Item		
58	Clause 6.4 - Ablution facilities  F:..... V:..... T:.....  <b><u>Prime cost amounts</u></b>	Item		
59	Clause 7.1 - Responsibility for prime cost amounts  F:..... V:..... T:.....  <b><u>Special attendance on n/s subcontractors</u></b>	Item		
60	Clause 8.1 - Special attendance  F:..... V:..... T:.....  <b><u>General</u></b>	Item		
61	Clause 9.1 - Protection of the works  F:..... V:..... T:.....	Item		
62	Clause 9.2 - Protection/isolation of existing/sectionally occupied works  F:..... V:..... T:.....	Item		
63	Clause 9.3 - Security of the works  F:..... V:..... T:.....	Item		
64	Clause 9.4 - Notice before covering work  F:..... V:..... T:.....	Item		
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65	Clause 9.5 - Disturbance  F:..... V:..... T:.....	Item		
66	Clause 9.6 - Environmental disturbance  F:..... V:..... T:.....	Item		
67	Clause 9.7 - Works cleaning and clearing  No claims for additional carting away of, or clearing of rubble of any description will be entertained. The Tenderer is to allow herein for all necessary cleaning; including a provision for cleaning waste not removed by sub-contractors.  F:..... V:..... T:.....	Item		
68	Clause 9.8 - Vermin  F:..... V:..... T:.....	Item		
69	Clause 9.9 - Overhand work  F:..... V:..... T:.....	Item		
<p><b><u>Schedule of variables</u></b></p> <p>Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract</p> <p>10.1 - Provisional bills of quantities [clause 2.2] The quantities are provisional</p> <p style="text-align: right;">Yes</p>				
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<p>10.2 - Availability of construction documentation [clause 2.3] Construction documentation is complete</p> <p>No</p> <p>10.3 - Previous work - dimensional accuracy [clause 3.1]</p> <p>10.4 - Previous work - defects [clause 3.2]</p> <p>10.5 - Inspection of adjoining properties [clause 3.3]</p> <p>10.6 - Water [clause 7.2]</p> <p>Option A (by contractor)</p> <p>Option B (by employer - free of charge)</p> <p>Option C (by employer - metered)</p> <p>10.7 - Electricity [clause 7.3]</p> <p>Option A (by contractor)</p> <p>Option B (by employer - free of charge)</p> <p>Option C (by employer - metered)</p> <p>10.8 - Telecommunications [clause 7.4]</p> <p>Telephone</p> <p>Facsimile</p> <p>E-mail</p> <p>10.9 - Ablution facilities [clause 7.5]</p> <p>Option A (by contractor)</p> <p>Option B (by employer)</p> <p><b>Carried to Collection</b></p> <p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>					

<p>10.10 - Protection of the works [clause 9.1]</p> <p>10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is required Yes</p> <p>10.12 - Disturbance [clause 9.5]</p> <p>10.13 - Environmental disturbance [clause 9.6]</p>				
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<b>SECTION C - SPECIFIC PRELIMINARIES</b>				
70	<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>	Item		
71	<p>Warranties for material and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:..... V:..... T:.....</p>	Item		
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72	<p>Co-operation of contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors</p> <p>F:..... V:..... T:.....</p>	Item			
73	<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			
74	<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 36 hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:..... T:.....</p>	Item			
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75	<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			
76	<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			
77	<p>Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the Principal Agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the Employer.</p> <p>F:..... V:..... T:.....</p>	Item			
78	<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			
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79	<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		
80	<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 shall be required in certain areas for use by himself and selected/nominated subcontractors and the contractor must establish or otherwise required by him or selected/nominated subcontractor including taking down and re-erecting as may be necessary and no claims whatsoever will be entertained.</p> <p>F:..... V:..... T:.....</p>	Item		
81	<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		
82	<p>Daywork</p> <p>Where in the opinion of the Principal Agent any extra work cannot properly be measured or valued, the Contractor will be allowed daywork prices therefore calculated upon the costs defined hereunder together with the stated percentages. The total thus arrived at shall be the total amount recoverable by the Contractor for performing such</p>			
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<p>work.</p> <ol style="list-style-type: none"> <li>1. The costs to the Contractor or sub-contractor of materials, being the net cost (at current market prices) actually paid for such materials after the deduction of cash discounts or if materials are supplied from the Contractor's or sub-contractor's stock then the cost of such materials shall be based upon the current market price plus the cost of delivery to Site; to which net cost 7,5% thereof shall be added.</li> <li>2. The cost of labour to the Contractor or sub-contractor, being all items of direct cost of labour actually remunerated to the workmen concerned which shall include the cost of all allowances in terms of the industrial Conciliation Act (where applicable) or any other wage determination applying in the area where the daywork is executed; to which labour cost 7,5% shall be added.</li> </ol> <p>Hourly base rates for labour shall be the current market rates for labour based upon standard working hours and shall be applied in respect of the time spent by workers directly engaged on the particular day works including any operators mechanical plant and transport and erecting and dismantling other plant. If a claim is made that individual workmen have 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> <ol style="list-style-type: none"> <li>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.</li> </ol> <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,</p> <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>			
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	<p>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>83 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> <p>84 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>			
	<p><b>Carried to Collection</b></p>		R	
	<p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>			

<p>85</p>	<p><b>Shop Drawings</b></p> <p>The term 'Shop Drawings' shall mean drawings, layout drawings, illustrations, schedules, performance charts, brochures, operating manuals, other data which are prepared by the Contractor or Sub-contractor, Manufacturer, Supplier or Distributor and which illustrate some portion of the work.</p> <p>The Contractor shall ensure that all shop drawings required for the work in terms of this Contract, all selected/nominated Sub-contracts and/or Architect's instructions, are prepared and submitted timeously in accordance with the following procedure:</p> <p>(a) Three prints of shop drawings of all fabricated work, working or setting out drawings, shop details and schedules shall be submitted to the Architect for approval. Such work shall not be carried out until such approval has been given.</p> <p>(b) Shop drawings shall be submitted to the Architect for approval at least two weeks prior to the date on which such approval is required in order to comply with the Contract Programme.</p> <p>(c) All submissions shall be prepared in accordance with the Contract Drawings specifications and/or any Architect's instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implication.</p> <p>Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or Architect's instructions shall not constitute grounds for any claims for delays.</p> <p>F:..... V:..... T:.....</p> <p><b>Carried to Collection</b></p> <p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>	<p>Item</p>	<p>R</p>	
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86	<p>Location of Temporary Buildings and Temporary Services</p> <p>The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding, and services, etc., required for his own Sub-contractors use during the construction and maintenance period.</p> <p>There is no guarantee given or implied that site conditions will be such that the Contractor will be able to erect such offices, stores and temporary accommodation within the site boundaries and it shall be the Contractors responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith.</p> <p>F:..... V:..... T:.....</p>	Item		
87	<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 therefrom.</p> <p>F:..... V:..... T:.....</p>	Item		
88	<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		
<p style="text-align: center;"><b>Carried to Collection</b></p>			R	
<p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>				

89	<p><b>Cost of Claims</b></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			
90	<p><b>Overloading</b></p> <p>The Contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works. The Contractor shall submit details of his proposed loading, storage, plant, erection, etc., to the Architect for their approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the Engineer's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the Contractor at his sole expense.</p> <p>F:..... V:..... T:.....</p>	Item			
91	<p><b>Commodities to be New</b></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			
<b>Carried to Collection</b>			R		
<p>Section 1 PRELIMINARIES Bill No- 1 Preliminaries</p>					

92	<p><b>Media Release</b></p> <p>All rights of publication of articles in the media, together with any advertising relating to, or in any way connected with this project shall vest in the Employer.</p> <p>The Contractor, together with his Sub-contractors shall not, without the written consent of the Employer, cause any statement or advertisement to be printed, screened or aired by the media.</p> <p>F:..... V:..... T:.....</p>	Item			
93	<p><b>Environmental Management Plan</b></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			
94	<p><b>Transformation and Empowerment Requirements</b></p> <p>The contractor shall take all necessary measures to comply with the document titled: Empowerment Breakdown of 15 point, compiled by Joburg Property Company, and make adequate provision to accommodate the requirements relating to job creation, job intensity, training and development, local SMME utilisation, local material utilisation, enterprise development, etc. as detailed in the above document</p> <p>F:..... V:..... T:.....</p>	Item			
<b>Carried to Collection</b>			R		
<p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>					

<p>95</p>	<p><u>Health and Safety</u></p> <p>Without limiting the generality of the provisions of clause 2.0, the <b>contractor's</b> attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended as well as all current legislation related to compliance with Covid-19 health and safety requirements. It is specifically stated that the <b>employer</b> shall prepare a documented health and safety specification for the <b>works</b> and that the <b>employer</b> shall ensure that the <b>contractor</b> has made provision for the cost of health and safety measures including specific legislated Covid-19 compliance measures during the execution of the <b>works</b>. The <b>contractor</b> shall price opposite this item for compliance with the act and the regulations, specifically including legislated Covid-19 compliance measures and the reasonable provisions of the aforementioned health and safety specification [2.1]</p> <p>The <b>contractor</b> shall:</p> <ol style="list-style-type: none"> <li>1. Comply with the health and safety specification including legislated Covid-19 compliance measures for the <b>works</b></li> <li>2. Prepare and agree with the health and safety consultant the health and safety plan for the <b>works</b></li> <li>3. Cooperate with the health and safety consultant in all respects</li> <li>4. Manage the compliance of all subcontractors with the regulations including legislated Covid-19 compliance measures and with the health and safety plan and specification</li> <li>5. Conform to the conditions contained in the <b>employer's</b> health and safety specification</li> </ol> <p>F:..... V:..... T:.....</p> <p><b><u>SUMMARY OF CATEGORIES</u></b></p> <p>Category : Fixed .....</p> <p>Category : Value .....</p> <p>Category : Time .....</p> <p><b>Carried to Collection</b></p> <p>Section 1 PRELIMINARIES Bill No 1 Preliminaries</p>	<p>Item</p>	<p>R</p>	
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Section 1	Page No	Amount	R
Bill No 1			
Preliminaries			
<u><b>COLLECTION</b></u>			
Total Brought Forward from Page No			
<b>Carried Forward</b>			
Section 1 PRELIMINARIES Bill No 1 Preliminaries			

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Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 1</u></b></p> <p><b><u>ALTERATIONS</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p> <p><b><u>Site inspection</u></b></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><b><u>Sizes and dimensions</u></b></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;"><b>Carried to Collection</b></p>		R	
	<p>Section 2 BUILDING WORKS Bill No 1 Alterations</p>			

<p><b><u>Nature and extent of demolitions:</u></b></p>				
<p>Descriptions of demolitions give a rough guide only as to the scope of the work. Tenderers are therefore advised to visit the site before submitting a tender and to acquaint themselves with the nature and extent of the work to be done and the value of the materials in the buildings to be demolished.</p>				
<p>The contractor shall completely demolish the buildings etc. in a careful, skilful, practical and safe manner.</p>				
<p>Descriptions of demolitions shall be deemed to include for breaking up and removing of:</p> <ul style="list-style-type: none"> <li>- foundation brickwork, reinforced concrete columns in foundations, reinforced concrete footings and reinforced concrete column bases;</li> <li>- all floors and surface beds;</li> <li>- backfilling and compaction of all trenches where foundations have been removed;</li> <li>- all external screen walls, steps, ramps, aprons, surface water channels, rainwater sumps, gulleys, etc. attached to the building to be demolished;</li> </ul>				
<ul style="list-style-type: none"> <li>- all services, manholes, etc. in ground to a point not less than 1m beyond the perimeter of the building, including plugging off ends of all remaining pipes, drains, etc., filling in holes where necessary and ramming and levelling to ground level.</li> </ul>				
<p>Where only a portion of a building is to be demolished, it shall be done without damage to the remaining portion of the building. Any such damage shall be made good by the Contractor at his own expense.</p>				
<p><b><u>Materials</u></b></p>				
<p>Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor.</p>				
<p><b>Carried to Collection</b></p>				
<p>Section 2 BUILDING WORKS Bill No 1 Alterations</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><b><u>General</u></b></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>Provide all necessary propping, etc., required to ensure the safety and stability of the structure during the contract period and remove at completion.</p>	<p>Provide all necessary additional barricades, screens, overhead protections, etc., required to ensure the safety of persons, property, etc., and remove at completion.</p>	<p><b>Carried to Collection</b></p>	<p>R</p>	<p>Section 2 BUILDING WORKS Bill No 1 Alterations</p>
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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.					
<b><u>REMOVAL OF EXISTING WORK</u></b>					
<b><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></b>					
1	Porcelain wall tiles.	m2	50		
<b><u>Take out and remove sanitary fittings, piping, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere):</u></b>					
2	Sanitary fittings including wash hand basins, water closets, shower heads and taps with brackets, taps, etc. including all necessary piping.	No	59		
3	Concrete drain gulley top and lid.	No	30		
<b><u>Take out and remove sundry items including making good finishes:</u></b>					
4	Mirror size overall 600 x 400mm.	No	26		
<b><u>BUILD UP OPENINGS</u></b>					
<b><u>Brickwork in SABS approved NFP bricks in class II mortar in building up openings:</u></b>					
5	Half brick walls in isolated areas and patches around pipes, taps, sanitary fittings, etc.	m2	5		
<b><u>MAKE GOOD FINISHES, ETC.</u></b>					
<b><u>Make good internal granolithic, screed, plaster, etc. to match existing:</u></b>					
6	Walls in isolated areas and patches around pipes, taps, sanitary fittings, etc.	m2	12		
<b>Carried to Collection</b>				R	
Section 2 BUILDING WORKS Bill No 1 Alterations					

FINANCIAL PROVISION		Item	10 000.00
7	Allow the amount of R10 000.00 for general alterations.		
Carried to Collection			
Section 2 BUILDING WORKS Bill No 1 Alterations			

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Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 2</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
	<p><b><u>BATHROOM FITTINGS</u></b></p>			
1	"Kimberly Clark 8973", or equal approved, soap dispenser installed to tiled walls, in strict accordance with the manufacturer's instructions.	No	13	
2	"Kimberly Clark 426135 ", or equal approved, stainless steel waste bin, installed to tiled walls, in strict accordance with the manufacturers instructions.	No	13	
3	"Costa Lambrianos Symphony Eezi-Slide TR3", or equal approved, stainless steel three roll lockable type toilet roll dispenser installed to tiled walls, in strict accordance with the manufacturers instructions.	No	13	
4	"Costa Lambrianos Minuet (Code 00084)", or equal approved, stainless steel sanitary bin installed to tiled walls, in strict accordance with the manufacturers instructions.	No	7	
5	"Costa Lambrianos CLX2500 (Code: 00059)", or equal approved, stainless steel fully automatic hand dryer installed to tiled walls, in strict accordance with the manufacturers instructions.	No	13	
	<b>Carried Forward to Summary of Section 2</b>			R
	Section 2 BUILDING WORKS Bill No 2 Ironmongery			

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 3</u></b></p> <p><b><u>PLASTERING</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
<p><b><u>INTERNAL PLASTER</u></b></p> <p><b><u>One coat cement plaster minimum 12mm thick finished smooth with a steel float including all labours on brickwork:</u></b></p>			
1	On walls, part on concrete.	m2	8
2	On narrow widths.	m2	2
<p><b>Carried Forward to Summary of Section 2</b></p>			R
<p>Section 2 BUILDING WORKS Bill No 3 Plastering</p>			

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 4</u></b></p> <p><b><u>TILING</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
<p><b><u>WALL TILING</u></b></p> <p><b><u>Allow a Prime Cost Amount of R250/m2 for white glazed ceramic tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compound on:</u></b></p>			
1	Walls including narrow widths. m2	50	
<p><b><u>SUNDRIES</u></b></p>			
2	"Kirk M-Trim SQE120.N", or equal approved, 8mm x 12mm high stainless steel square edge trim fixed in strict accordance with the manufacturer's instructions. m	50	
<p><b>Carried Forward to Summary of Section 2</b></p>			R
<p>Section 2 BUILDING WORKS Bill No 4 Tiling</p>			

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 5</u></b></p> <p><b><u>PLUMBING</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
	<p><b><u>SANITARY FITTINGS</u></b></p>			
1	<p>"Vaal Sanitaryware Hibiscus Elite", or equal approved, vitreous china close coupled suite colour White (Code: 772401WH), overall size 643 x 355 x 830mm high with Embassy seat (Code: 8530Z000), comprising 90° outlet open rim pan (Code: 772300WH) with matching 6/3 litre top dual flush cistern (Code: 7373DT) including lid and fitments.</p>	No	13	
2	<p>"Vaal Lixil Grohe Bau", or equal approved, exposed flushing cistern including lid and fitments fixed to existing pan.</p>	No	29	
3	<p>"Vaal Orchid (Ref. 439016WH)", or equal approved, 90 degrees wall hung water closet with open white colour rim wash down pan, overall size 583 x 355 x 410mm high including Hibiscus Jazz thermostat seat (Ref. 8531Z000) with 90 degree outlet open rim back inlet pan, fixing in position with and including floor bracket (Ref. 8082Z000) with concealed back inlet flushvalve (elsewhere specified), and connecting complete in strict accordance with the manufacturer's instructions.</p>	No	14	
	<p><b>Carried to Collection</b></p>		R	
	<p>Section 2 BUILDING WORKS Bill No 5 Plumbing and Drainage</p>			

4	"Vaal Sanitaryware Hibiscus", or equal approved, vitreous china wall hung basin colour White (Code: 702303WH), overall size 510 x 405mm with two tapholes including integrated overflow and chainstay hole and chrome plated basin waste (Code: 8794Z000), bolted to wall with 2No. x 10mm bolts (Code: 8448Z000) and sealed with silicone sealant where basin meets wall.	No	3		
5	Heavy duty toilet seat, including fixing in position on existing toilet in strict accordance with the manufacturer's instructions.	No	29		
<b><u>TRAPS ETC.</u></b>					
6	"Cobra Watertech", or equal approved, 32mm chrome plated bottle trap (Code: 350) with 75mm deep re-seal, adjustable telescopic pipe and 40mm outlet.	No	5		
7	40mm Rubber P or S trap.	No	3		
8	40mm Brass deep seal shower trap with chromium plated grating.	No	3		
<b><u>TAPS, VALVES, ETC</u></b>					
9	"Cobra Watertech", or equal approved, Chrome Junior Flushmaster exposed flush valve (Code: FJ6-000), installed in accordance with the manufacturer's recommendations.	No	9		
10	"Walcro WC-103LC-SS", or equal approved, concealed WC flushvalve with and including VR button and concealed flush pipes installed in strict accordance with the manufacturer's instructions.	No	7		
11	"Cobra Watertech (Code: FJT5-4)", or equal approved, chrome plated junior flushmaster with 12mm diameter inlet x 275mm long straight urinal flush pipe.	No	10		
12	"Cobra Star 128-15", or equal approved, underwall stoptap.	No	6		
<b>Carried to Collection</b>				R	
Section 2 BUILDING WORKS Bill No 5 Plumbing and Drainage					

13	"Cobra (code: KP2.61)", or equal approved, vandal resistant shower head installed in strict accordance with the manufacturer's instructions.	No	3		
14	"Cobra Star 211-20", or equal approved, pillar tap installed in strict accordance with the manufacturer's instructions.	No	6		
15	"Cobra 220mm Wall Spout (Code: 066TU/WT220)", or equal approved, spout installed to existing pipes in strict accordance with the manufacturer's instructions, including all additional fittings, etc.	No	23		
16	"Cobra Demand (Code: FSTAF1DT-0GT01 )", or equal approved, stop tap installed to existing pipes in strict accordance with the manufacturer's instructions, including all additional fittings, etc.	No	23		
<b><u>SANITARY PLUMBING</u></b>					
<b><u>Locate, isolate affected area and replace damaged uPVC piping and / or fittings including holderbats, pipe clips, etc.:</u></b>					
17	50mm Pipes.	m	96		
18	100mm Pipes.	m	64		
<b><u>uPVC pipes fixed to walls, concrete soffits, etc. including all hangers &amp; brackets and connecting to existing pipes including temporary sealing off, diverting, necessary fittings, making good on completion, etc.:</u></b>					
19	50mm Pipes.	m	144		
20	100mm Pipes.	m	72		
21	100mm Pipes in vertical vent and stack pipes.	m	24		
<b><u>Extra over uPVC pipes for fittings including fittings to existing pipes:</u></b>					
22	50mm Bend.	No	120		
23	50mm Access bend.	No	40		
<b>Carried to Collection</b>				R	
Section 2 BUILDING WORKS Bill No 5 Plumbing and Drainage					

Baragwanath Public Transport Facility  
Repairs and Maintenance

24	50mm Junction.	No	24		
25	50mm Access junction.	No	24		
26	100mm Bend.	No	40		
27	100mm Access bend.	No	32		
28	100mm Access junction.	No	24		
29	100mm Access bend pan connector.	No	40		
30	100 x 50mm Access reducing junction.	No	20		
<b><u>Sundries</u></b>					
31	Unblock existing 'P', 'S' or bottle trap not exceeding 40mm diameter.	No	32		
32	Unblock WC pan, stainless steel trough urinal traps, shower drains, etc. not exceeding 110mm diameter.	No	40		
33	Carefully chase brickwork and expose damaged pipes and fittings not exceeding 110mm diameter including making good plaster on completion.	m	15		
34	Seal leaking uPVC WC pan connector joint.	No	40		
35	Seal leaking uPVC soil or vent pipe joint not exceeding 110mm diameter	No	32		
<b><u>WATER SUPPLIES</u></b>					
<b><u>Locate, isolate affected area and replace damaged SABS 460 Class 0 hard drawn copper piping and / or fittings including holderbats, pipe clips, etc.:</u></b>					
36	15mm Pipes	m	96		
37	22mm pipes	m	72		
38	28mm pipes	m	48		
39	35mm pipes	m	24		
<b>Carried to Collection</b>				R	
Section 2 BUILDING WORKS Bill No 5 Plumbing and Drainage					

	<b><u>Copper tubing (SABS 460 Class 0) with brass capillary fittings fixed to walls, concrete soffits, etc. and connecting to existing pipes including temporary sealing off, diverting, necessary fittings, making good on completion, etc.:</u></b>				
40	15mm Pipes.	m	128		
41	22mm Pipes.	m	96		
42	28mm Pipes.	m	96		
	<b><u>Extra over class 0 copper pipes for capillary fittings including fittings to existing pipes:</u></b>				
43	15mm Fittings.	No	240		
44	22mm Fittings.	No	160		
45	28mm Fittings.	No	144		
	<b><u>Sundries</u></b>				
46	Carefully chase brickwork and expose damaged pipes and fittings not exceeding 35mm diameter including making good plaster on completion.	m	40		
	<b><u>FIRE SERVICE</u></b>				
	<b><u>Hose Reels, etc.:</u></b>				
47	Approved hose reel complete with 30m of 19mm hose all to SABS 543 incorporating 25mm chromium plated gunmetal gate valve and connection for and joint to supply pipe with brackets bolted to wall with and including four 8mm bolts with plate washers built 100mm into brickwork in cement mortar.	No	8		
48	Approved 9Kg DCP cylindrical fire extinguisher fixed on and including backing boards to walls.	No	16		
	<b><u>Service existing fire equipment including refilling:</u></b>				
49	Fire hose reels.	No	60		
50	Fire extinguishers.	No	120		
	<b>Carried to Collection</b>			R	
	Section 2 BUILDING WORKS Bill No 5 Plumbing and Drainage				

## Baragwanath Public Transport Facility Repairs and Maintenance

[illegible]

<p>Section 2</p> <p>Bill No 5</p> <p>Plumbing and Drainage</p> <p><b><u>COLLECTION</u></b></p>				
	<b>Page No</b>		<b>Amount</b>	
Total Brought Forward from Page No	137			
	138			
	139			
	140			
	141			
	142			
<p><b>Carried Forward to Summary of Section 2</b></p>		R		
<p>Section 2</p> <p>BUILDING WORKS</p> <p>Bill No 5</p> <p>Plumbing and Drainage</p>				

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 6</u></b></p> <p><b><u>GLAZING</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
<p><b><u>PANELS, MIRRORS, ETC</u></b></p> <p><b><u>5mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete and foam backing strip all round</u></b></p>			
1	600 x 400mm High.	No	26
<p><b>Carried Forward to Summary of Section 2</b></p>			R
<p>Section 2 BUILDING WORKS Bill No 6 Glazing</p>			

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 7</u></b></p> <p><b><u>PAINTWORK</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>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.</b></p>			
	<p><b><u>PAINTWORK TO PREVIOUSLY PAINTED WORK</u></b></p> <p><b><u>PLASTER</u></b></p> <p><b><u>Clean down, prepare and apply one coat "Plascon", or equal approved, plaster primer and two coats "Plascon Double Velvet, or equal approved," paint on:</u></b></p>			
1	Internal plastered walls, columns, recessed bands, etc.	m2	2 000	
	<p><b><u>Clean down, prepare and apply one coat "Plascon", or equal approved, primer and two coats "Plascon Professional Super Matt", or equal approved, paint on:</u></b></p>			
2	Internal plastered slab soffits including beams.	m2	1 030	
	<p><b>Carried Forward to Summary of Section 2</b></p>			R
	<p>Section 2 BUILDING WORKS Bill No 7 Paintwork</p>			

Bill No	SECTION SUMMARY - BUILDING WORKS	Page No	Amount
1	Alterations	133	
2	Ironmongery	134	
3	Plastering	135	
4	Tiling	136	
5	Plumbing and Drainage	143	
6	Glazing	144	
7	Paintwork	145	
<div data-bbox="528 1899 842 1928">Carried to Final Summary</div> <div data-bbox="212 1966 427 2027">Section 2 BUILDING WORKS</div>			
			R

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 3</u></b></p> <p><b><u>BILL NO. 1</u></b></p> <p><b><u>PROVISIONAL SUMS</u></b></p> <p><b><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></b></p> <p>The following sums and amounts are NETT.</p> <p>Under no circumstances may any Provisional Sum or P.C Item be altered.</p> <p>Unless a specific percentage mark up for attendance is indicated in the rate column, the amounts priced by the contractor for attendance against each Provisional Sum shall be deemed to be Lump Sum and shall not be adjusted unless the scope of the sub-contract varies significantly.</p> <p>Provisional Sums contained herein may be omitted or reduced at the employer's sole discretion and the contractor shall not be entitled to claim for any loss by way of reductions or omissions of any discount, or percentage relating to the Provisional Sums pr P.C Amounts or any loss of profit related thereto.</p> <p><b><u>ALLOW THE FOLLOWING PROVISIONAL SUMS</u></b></p> <p><b><u>FIRE SIGNAGE</u></b></p> <p>1 Provide the amount of R80 000.00 for fire signage executed complete.</p> <p>2 Profit on above item.</p> <p>3 Attendance on ditto.</p> <p style="text-align: right;"><b>Carried to Final Summary</b></p> <p>Section 3 PROVISIONAL SUMS Bill No 1 Provisional sums</p>			
		Item		80 000.00
			%	
			%	
			R	

Baragwanath Public Transport Facility  
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Section No	FINAL SUMMARY	Page No	Amount
1	PRELIMINARIES	127	
2	BUILDING WORKS	146	
3	PROVISIONAL SUMS	147	
	Sub-Total (A) - Building works		R
	Value-Added Tax @ 15%		R
	Carried to Form of Tender		R