

| Item No | Quantity | Rate | Amount |
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| <p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>NOTES</u></p> <p>The JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The ASACS 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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| | <p><u>PREAMBLES FOR TRADES</u></p> <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 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> <p><u>PRICING OF PRELIMINARIES</u></p> <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> | | | |
| 1 | <p><u>SECTION A - PRINCIPAL BUILDING AGREEMENT</u></p> <p><u>Definitions</u></p> <p>Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p> | Item | R | |

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| | <u>Objective and preparations</u> | | | | |
| 2 | Clause 2.0 - Offer acceptance and performance obligations F:..... V:..... T:..... | Item | | | |
| 3 | Clause 3.0 - Documents F:..... V:..... T:..... | Item | | | |
| 4 | Clause 4.0 - Design responsibility F:..... V:..... T:..... | Item | | | |
| 5 | Clause 5.0 - Employer's agents F:..... V:..... T:..... | Item | | | |
| 6 | Clause 6.0 - Contractor's site representative The Contractor shall not make any change to the management of the Works without the Principal Agent's written approval. 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. F:..... V:..... T:..... | Item | | | |
| 7 | Clause 7.0 - Compliance with laws and regulations F:..... V:..... T:..... | Item | | | |
| 8 | Clause 8.0 - Works risk F:..... V:..... T:..... | Item | | | |
| 9 | Clause 9.0 - Indemnities F:..... V:..... T:..... | Item | | | |
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| 10 | <p>Clause 10.0 - General insurances</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 11 | <p>Clause 11.0 - Special insurances F:..... V:..... T:.....</p> | Item | | | |
| 12 | <p>Clause 12.0 - Effecting insurances F:..... V:.....T:.....</p> | Item | | | |
| 13 | <p>Clause 13.0 - AssignmentF:..... V:..... T:.....</p> | Item | | | |
| 14 | <p>Clause 14.0 - Security</p> <p>Notwithstanding the provisions of sub-clause 14.1, the Contractor shall, with his tender, submit a letter of intent from an accredited guarantor, undertaking to provide the selected JBCC construction guarantee to the format appended to the back of these bills of quantities.</p> <p>Such selected security shall be provided to the Employer within five (5) working days of written acceptance of the Contractor's tender.</p> <p>The employer reserves the right to reject a construction guarantee if, in the opinion of the employer, the guarantor is not accredited.</p> <p>F:..... V:..... T:.....</p> <p>Execution</p> | Item | | | |
| 15 | <p>Clause 15.0 - Preparation for and execution of the works F:..... V:..... T:.....</p> | Item | | | |
| 16 | <p>Clause 16.0 - Site and access</p> <p>F:..... V:..... T:.....</p> | Item | | | |
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| 17 | <p>Clause 17.0 - Contract instructions</p> <p>Only the 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 | | | |
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| 21 | <p>Clause 21.0 - Selected subcontractors F:..... V:..... T:.....</p> | Item | | | |
| 22 | <p>Clause 22.0 - Employer's direct contractorsF:..... V:..... T:.....</p> | Item | | | |
| 23 | <p>Clause 23.0 - Contractor's domestic subcontractors</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p><u>Completion</u></p> | Item | | | |
| 24 | <p>Clause 24.0 - Practical completion</p> <p>The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 25 | <p>Clause 25.0 - Works completion F:..... V:..... T:.....</p> | Item | | | |
| 26 | <p>Clause 26.0 - Final completion F:..... V:..... T:.....</p> | Item | | | |
| 27 | <p>Clause 27.0 - Latent defects liability period F:..... V:..... T:.....</p> | Item | | | |
| 28 | <p>Clause 28.0 - Sectional completion F:..... V:..... T:.....</p> | Item | | | |
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| <p>29</p> | <p>Clause 29.0 - Revision of date for practical completion</p> <p>Clause 29.1.1: inclement weather. Should work be delayed due to exceptionally inclement weather, the following procedure is to be adopted:</p> <p>i. Once rain commences on Site and work is stopped, the Contractor shall immediately advise the Principal Agent, and ensure that the duration (in hours) is recorded in the minutes of the succeeding Site Meeting, if approved by the Principal Agent.</p> <p>ii. Stoppages recorded late (in later meetings), shall not be accepted as a basis of the granting of extensions of time.</p> <p>iii. Extensions of time is granted only for the work on the critical path on regular working days, Mondays to Fridays - excluding holidays. "Critical path" is defined to include only work that is critical at the time of the event/s and not necessarily in accordance with the original Programme.</p> <p>The removal and replacement of materials and/or workmanship which do not conform to specification or drawing shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3)</p> <p>Clause 29.4.3 is amended by changing the notice period from twenty (20) working days to seven (7) calendar days.</p> <p>F:..... V:..... T:.....</p> | <p>Item</p> | | |
| <p>30</p> | <p>Clause 30.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> | <p>Item</p> | | |
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| <div>31</div> | <div> <div> <div>Payment</div> <div> <div>Clause 31.0 - Interim payment</div> <div> <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> <div> <div>F:..... V:.....</div> <div>T:.....</div> </div> </div> </div> <div> <div>Carried to Collection</div> <div> <div>Section No. 1</div> <div>PRELIMINARIES</div> <div>Bill No. 1</div> <div>PRELIMINARIES</div> </div> </div> </div> </div> | <div>Item</div> | <div>R</div> | |
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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> | | | | |
| 33 | <p>Clause 33.0 - Recovery of expense and loss</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 34 | <p>Clause 34.0 - Final account and final paymentF:..... V:..... T:.....</p> | Item | | | |
| 35 | <p>Clause 35.0 - Payment to other partiesF:..... V:..... T:.....</p> | Item | | | |
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| <u>Termination</u> | | | | | |
| 36 | Clause 36.0 - Termination by employer - contractor's default F:..... V:..... T:..... | Item | | | |
| 37 | Clause 37.0 - Termination by employer - loss and damage F:..... V:..... T:..... | Item | | | |
| 38 | Clause 38.0 - Termination by contractor - employer's default F:..... V:..... T:..... | Item | | | |
| 39 | Clause 39.0 - Termination - cessation of the works F:..... V:..... T:..... | Item | | | |
| <u>Dispute</u> | | | | | |
| 40 | Clause 40.0 - Settlement of disputes F:..... V:..... T:..... | Item | | | |
| <u>Contract agreement</u> | | | | | |
| 41 | Clause 41.0 - Post tender provisions The required post tender information shall be inserted in the post tender provisions after consultation with the contractor | Item | | | |
| 42 | Clause 42.0 - Contractual agreement 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 | Item | | | |
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| SECTION B - PRELIMINARIES | | | | |
| Definitions and interpretation | | | | |
| 43 | Clause 1.0 - Definitions and interpretation F:..... V:..... T:..... | Item | | |
| Documents | | | | |
| 44 | Clause 2.1 - Checking of documents F:..... V:..... T:..... | Item | | |
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| 45 | <p>Clause 2.2 - Provisional bills of quantities</p> <ol style="list-style-type: none"> 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. 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. 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. 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. <p>F:..... V:..... T:.....</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p> | Item | | |
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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><u>Previous work and adjoining properties</u></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><u>Samples, shop drawings and manufacturer's instructions</u></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 drawingsF:..... V:..... T:.....</p> | Item | | | |
| 53 | <p>Clause 4.4 - Compliance with manufacturer's instructionsF:..... V:..... T:.....</p> | Item | | | |
| | <u>Deposits and fees</u> | | | | |
| 54 | <p>Clause 5.1 - Deposits and fees F:..... V:..... T:.....</p> | Item | | | |
| | <u>Temporary services</u> | | | | |
| 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 | <p>Clause 6.3 - Telecommunication facilities</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 58 | <p>Clause 6.4 - Ablution facilities</p> <p>F:..... V:..... T:.....</p> <p><u>Prime cost amounts</u></p> | Item | | | |
| 59 | <p>Clause 7.1 - Responsibility for prime cost amountsF:..... V:..... T:.....</p> <p><u>Special attendance on n/s subcontractors</u></p> | Item | | | |
| 60 | <p>Clause 8.1 - Special attendance</p> <p>F:..... V:..... T:.....</p> <p><u>General</u></p> | Item | | | |
| 61 | <p>Clause 9.1 - Protection of the worksF:..... V:..... T:.....</p> | Item | | | |
| 62 | <p>Clause 9.2 - Protection/isolation of existing/sectionally occupied works</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 63 | <p>Clause 9.3 - Security of the works</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 64 | <p>Clause 9.4 - Notice before covering work</p> <p>F:..... V:..... T:.....</p> | Item | | | |
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| 65 | Clause 9.5 - Disturbance F:..... V:..... T:..... | Item | | | |
| 66 | Clause 9.6 - Environmental disturbance The employer has prepared an environmental management plan (refer to Annexure E for a copy of the relevant plan). The contractor shall price opposite this item for compliance with all the requirements of such environmental management plan. 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 - VerminF:..... V:..... T:..... | Item | | | |
| 69 | Clause 9.9 - Overhand workF:..... V:..... T:..... | Item | | | |
| <u>Schedule of variables</u> | | | | | |
| 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 | | | | | |
| 10.1 - Provisional bills of quantities [clause 2.2] The quantities are provisional Yes | | | | | |
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| <p>10.2 - Availability of construction documentation [clause 2.3] Construction documentation is complete 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] Option A (by contractor) Yes Option B (by employer - free of charge) No Option C (by employer - metered) No</p> <p>10.7 - Electricity [clause 7.3] Option A (by contractor) Yes Option B (by employer - free of charge) No Option C (by employer - metered) No</p> <p>10.8 - Telecommunications [clause 7.4] Telephone Yes Facsimile No E-mail No</p> <p>10.9 - Ablution facilities [clause 7.5] Option A (by contractor) Yes Option B (by employer) No</p> <p>Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p> | | | | | |
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| | 10.10 - Protection of the works [clause 9.1] | | | | |
| | 10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is required <div>No</div> | | | | |
| | 10.12 - Disturbance [clause 9.5] 10.13 - Environmental disturbance [clause 9.6] | | | | |
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| SECTION C - SPECIFIC PRELIMINARIES | | | | |
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| 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>Propping of floors below</p> <p>The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 74 | <p>Testing of windows for watertightness</p> <p>Each window shall be tested for watertightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means</p> <p>F:..... V:..... T:.....</p> | Item | | | |
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| 75 | <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 | | | |
| 76 | <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 | | | |
| 77 | <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 | | | |
| 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>Special Scaffolding</p> <p>No special 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 special scaffolding may be required in certain areas for use by himself and selected/nominated subcontractors and the contractor must establish or otherwise required by him or selected/nominated subcontractor including taking down and re-erecting as may be necessary and no claims whatsoever will be entertained.</p> <p>F:..... V:..... T:.....</p> | Item | | | |
| 80 | <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 | | | |
| 81 | <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 | | | |
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| Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES | | | | | |

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| 82 | <p>OCCUPATIONAL HEALTH AND SAFETY</p> <p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p> <p>F:..... V:..... T:.....</p> <p><u>SUMMARY OF CATEGORIES</u></p> <p>Category : Fixed P.....</p> <p>Category : Value P.....</p> <p>Category : Time P.....</p> <p>Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p> | Item | | |
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| COLLECTION | | Page No | Amount |
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| Carried to Final Summary | | | R |
| Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES | | | |

| Item No | | Quantity | Rate | Amount |
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| | <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 (2008 Edition)</u></p> | | | |
| | <p><u>SUPPLEMENTARY PREAMBLES</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>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 BUILDING WORK Bill No. 1 ALTERATIONS</p> | | | |

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| | <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>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 style="text-align: right;">Carried to Collection</p> <p>Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS</p> | | | |
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| | <p>Provide all necessary additional barricades, screens, overhead protections, etc., required to ensure the safety of persons, property, etc., and remove at completion.</p> <p>All alteration work is within an existing facility. The contractor shall take utmost care to minimise damage to existing completed works in the vicinity of the alteration works.</p> | | | | | | | | |
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| Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | | | | | | | |

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| <u>TEMPORARY BARRIERS, SCREENS, ETC.</u> | | | | | |
| <u>Temporary barriers, screens, etc., including removal on completion:</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 double leaf gate, size overall 1800 x 2400mm high, including all necessary posts, framing, lock. | No | 1 | | |
| 3 | Lafarge Gypsum Jumbo® Fixed Partition drywall partitioning system 3485mm high with an overall thickness of 89mm comprising internal framing formed of 64mm Lafarge galvanised steel studs fixed at 600mm centres to Lafarge galvanised steel track or female aluminium head section and Lafarge galvanised steel floor tracks including where necessary any additional galvanised steel studding to form door openings, glazing and other apertures, angles, corners and termination ends. Internal steel framing to be covered on both sides with and including 12mm thick tapered edge Jumbo® plasterboard in single lengths to suit height, butt jointed and secured to steel studding with 25mm drywall screws at 220mm centres. | m | 30 | | |
| 4 | Extra over partitioning for natural anodised aluminium door frame for door size 813 x 2032mm high with one pair of 100mm aluminium hinges including additional studding, trimming, etc. | No | 1 | | |
| <u>REMOVAL OF EXISTING WORK</u> | | | | | |
| <u>Breaking up and removing unreinforced concrete</u> | | | | | |
| 5 | Stoep. | m3 | 2 | | |
| <u>Breaking down and removing brickwork etc</u> | | | | | |
| 6 | Half brick wall. | m2 | 266 | | |
| 7 | One brick wall. | m2 | 176 | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | | | |

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| | <u>Take out and remove doors, windows, etc. including thresholds, sills, etc. (new windows elsewhere).</u> | | | | |
| 8 | Timber single door size overall 813 x 2032mm high from one brick wall. | No | 10 | | |
| 9 | Double leaf timber door, size 1600 x 2400mm high from one brick wall. | No | 2 | | |
| | <u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc.:</u> | | | | |
| 10 | Nailed-up fibre cement ceiling boards including brandering, coverstrips, cornices, etc. | m2 | 153 | | |
| | <u>Taking up and removing vinyl floor coverings, carpeting, etc.</u> | | | | |
| 11 | Carpet tile floor covering. | m2 | 153 | | |
| | <u>Take out and remove ironmongery, including preparing for new sets.</u> | | | | |
| 12 | Toilet paper holder. | No | 2 | | |
| 13 | Liquid soap dispenser. | No | 8 | | |
| 14 | Paper towel dispenser. | No | 8 | | |
| 15 | Towel rail. | No | 8 | | |
| | <u>Taking out/off and removing sundry metalwork</u> | | | | |
| 16 | Steel staircase comprising three flights and three landing, 8,00 x 2,0m overall on plan and rising 6,5m, including supporting columns, balustrades, etc. | m | 1 | | |
| 17 | Steel balustrades 1.0mm high from concrete stairs, including making good granolithic finish. | m | 70 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | | |

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|----|---|----|-----|---|--|--|
| | <u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u> | | | | | |
| 18 | Wall tiles. | m2 | 65 | | | |
| 19 | Floor tiles. | m2 | 153 | | | |
| 20 | Tile skirting 100mm high. | m | 70 | | | |
| | <u>Take out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u> | | | | | |
| 21 | Wash hand basin with brackets, taps, etc. and all necessary piping, etc. | No | 8 | | | |
| 22 | Water closet suite complete with flushing system and all necessary piping, etc. | No | 2 | | | |
| 23 | Double bowl sink with brackets, taps, etc. including all necessary piping, etc | No | 1 | | | |
| 24 | Shower head with taps, etc. including all necessary piping, etc. | No | 6 | | | |
| 25 | Urinal. | No | 6 | | | |
| | <u>BUILDING UP OPENINGS</u> | | | | | |
| | <u>Brickwork in NFP bricks in class II mortar in building up openings, including bonding new to existing and making good cement plaster on one side (making good paintwork elsewhere).</u> | | | | | |
| 26 | Opening 533 x 654mm high overall in one brick wall. | No | 4 | | | |
| | <u>PREPARATORY WORK TO EXISTING SURFACES</u> | | | | | |
| | <u>Hacking off and removing paint from existing plaster and prepare surfaces to receive new paint.</u> | | | | | |
| 27 | Hacking face of existing painted wall to receive new paint (elsewhere). | m2 | 637 | | | |
| | Carried to Collection | | | R | | |
| | Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | | | |

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|---|--|----|------|--|---|
| | Hacking off and removing ceramic wall tiles including mortar backing and preparing surfaces to receive new wall tiles etc | | | | |
| 28 | Glazed ceramic wall tiles, including splashbacks etc | m2 | 65 | | |
| | <u>MAKE GOOD FINISHES, ETC.</u> | | | | |
| | <u>Make good internal granolithic, screed, plaster, etc. to match existing:</u> | | | | |
| 29 | Plaster on walls in patches. | m2 | 250 | | |
| 30 | Making good cement plaster on walls where tiles removed. | m2 | 65 | | |
| | <u>FINANCIAL PROVISIONS</u> | | | | |
| 31 | Allow the amount of R 100 000.00 for Restoration of Timber Windows (Heritage Specialist). This work shall be measured on completion and priced at scheduled rates. | | Item | | |
| 32 | Allow the amount of R 60 000.00 for General Alterations. This work shall be measured on completion and priced at scheduled rates. | | Item | | |
| 33 | Allow the amount of R 40 000.00 for Removal of Conference Tables. This work shall be measured on completion and priced at scheduled rates. | | Item | | |
| Carried to Collection | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | | | |

| COLLECTION | | Page No | Amount |
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| Section No. 2 BUILDING WORK Bill No. 1 ALTERATIONS | | | |
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| Item No | | Quantity | Rate | Amount | |
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| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS, ETC.</u></p> <p><u>NOTES</u></p> <p>Attention is directed to the relevant sections of the Model Preambles for Trades which forms a part of this Bill and must be read in conjunction herewith.</p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with some "soft rock" or "hard rock".</p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.</p> <p>Soilcrete shall consist of the in-situ excavated material mixed with 5% ordinary portland cement. The in-situ excavated material used for the soilcrete may not contain fragments larger than 100mm diameter and the silt and clay fraction shall be less than 20%. The Engineer shall decide on site which material may be used in the soilcrete. The in-situ excavated material and portland cement shall be mixed on site using suitable concrete mixers. Only sufficient water shall be added to give a consistency that will permit the placing of the soilcrete. Vibrators must be used so that all voids are properly filled. The final amount of soilcrete material stabilisation shall be determined on site by the Engineer.</p> | | | | |
| | <p><u>EXCAVATION, FILLING, ETC</u></p> | | | | |
| | <p style="text-align: center;">Carried to Collection</p> | | R | | |
| | <p>Section No. 2 BUILDING WORK Bill No. 2 EARTHWORKS</p> | | | | |

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| | <u>Excavation in earth not exceeding 2m deep</u> | | | | |
| 1 | Trenches | m3 | 164 | | |
| 2 | Holes. | m3 | 214 | | |
| 3 | Lift pit. | m3 | 11 | | |
| | <u>Extra over trench and hole excavations in earth for excavations in</u> | | | | |
| 4 | Soft rock | m3 | 40 | | |
| 5 | Hard rock | m3 | 25 | | |
| | <u>Risk of collapse of excavations</u> | | | | |
| 6 | Sides of trench and hole excavations not exceeding 1,5m deep | m2 | 464 | | |
| | <u>Keeping excavations free of water</u> | | | | |
| 7 | Keeping excavations free of all water | | Item | | |
| | <u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u> | | | | |
| 8 | Backfilling to trenches, holes, etc | m3 | 81 | | |
| | <u>Earth filling of G5 material supplied by the contractor compacted to 98% Mod. AASHTO density</u> | | | | |
| 9 | Under floors, etc | m3 | 40 | | |
| | <u>Coarse river sand filling supplied by the contractor</u> | | | | |
| 10 | Under floors etc | m3 | 40 | | |
| | <u>Compaction of surfaces</u> | | | | |
| 11 | Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASTHO density | m2 | 65 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 2 EARTHWORKS | | | | |

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| Item No | | Quantity | Rate | Amount | |
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| | <u>SECTION NO. 2</u> <u>BILL NO. 3</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>NOTES</u> Attention is directed to the relevant sections of the Model Preambles for Trades which forms a part of this Bill and must be read in conjunction herewith. | | | | |
| | <u>UN-REINFORCED CONCRETE</u> <u>15MPa/38mm concrete</u> 1 Surface blinding under footings, bases, etc. m3 22 2 Mass slab cast against existing concrete surfaces m3 0.3 <u>REINFORCED CONCRETE</u> <u>25MPa/19mm Concrete</u> 3 Surface beds cast in panels on waterproofing m3 43 4 Strip footings. m3 41 5 Bases. m3 59 6 Ground beams. m3 2 7 Columns in foundations. m3 2 8 Stub columns. m3 9 9 Ramps on waterproofing. m3 2 10 Concrete apron. m3 7 11 Steps. m3 3 | | | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT | | | | |

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| 12 | Lift pit walls. | m3 | 3 | |
| | <u>30MPa/19mm Concrete</u> | | | |
| 13 | Columns. | m3 | 11 | |
| 14 | Beams. | m3 | 15 | |
| 15 | Stairs including landings, beams and inverted beams | m3 | 13 | |
| 16 | Lift shaft slab. | m3 | 10 | |
| | <u>TEST BLOCKS</u> | | | |
| | <u>Test blocks:</u> | | | |
| 17 | Making and testing set of three 150 x 150 x 150mm concrete strength test cubes. | No | 10 | |
| | <u>CONCRETE SUNDRIES</u> | | | |
| | <u>Finishing top surfaces of concrete smooth with a steel trowel</u> | | | |
| 18 | Surface beds | m2 | 279 | |
| | <u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface with a "stiff broom" finish</u> | | | |
| 19 | Ramps. | m2 | 9 | |
| | <u>25MPa non-shrink grout</u> | | | |
| | <u>Non-shrink grout shall be 1:2 cement and sand mixture, mixed dry until uniform in colour before adding water</u> | | | |
| 20 | Bedding approximately 30mm thick under 300 x 300mm base plate including chamfered edges all round. | No | 14 | |
| Carried to Collection | | | | R |
| Section No. 2 BUILDING WORK Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT | | | | |

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| <u>Holding down bolts</u> | | | | | |
| 21 | Provide template for and embed set of four 16mm diameter x 250mm long steel holding down bolts (bolts elsewhere) into top of foundation base in exact position. | No | 14 | | |
| <u>Insulation</u> | | | | | |
| 22 | 50mm Thick polystyrene board of 16 density laid on and including 25mm thick clean river sand bed. | No | 14 | | |
| <u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u> | | | | | |
| <u>Rough formwork to sides of:</u> | | | | | |
| 23 | Square or rectangular shaped columns in foundations. | m2 | 16 | | |
| 24 | Lift pit walls in foundations. | m2 | 29 | | |
| 25 | Edges, risers, ends and reveals not exceeding 300mm high or wide. | m | 46 | | |
| <u>Rough formwork to sides and soffits of:</u> | | | | | |
| 26 | Beams. | m2 | 126 | | |
| 27 | Beams circular to (not?) exceeding 1m radius. | m2 | 17 | | |
| 28 | Soffits of landings. | m2 | 2 | | |
| 29 | Soffits of slabs exceeding 250mm and not exceeding 500mm thick propped up exceeding 3,5 and not exceeding 5,0m above bearing level. | m2 | 141 | | |
| 30 | Sloping and stepped outer edges of stairs 75mm high extreme. | m2 | 10 | | |
| <u>MOVEMENT JOINTS ETC</u> | | | | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT | | | | | |

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| | <u>Two layers of 0,6mm thick sheet metal with graphite between to form slip joint between horizontal concrete and brick surfaces on and including cement mortar bed:</u> | | | | |
| 31 | Joint not exceeding 300mm wide. | m | 30 | | |
| | <u>Saw cut joints</u> | | | | |
| 32 | 3 x 35mm Saw cut joints in top of concreted | m | 30 | | |
| | <u>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces including finishing off:</u> | | | | |
| 33 | 10mm Joints not exceeding 300mm wide. | m | 30 | | |
| | <u>20mm Expansion joints formed of bitumen impregnated soft board</u> | | | | |
| 34 | Between vertical concrete surfaces not exceeding 300mm high or wide. | m | 30 | | |
| | <u>REINFORCEMENT</u> | | | | |
| | <u>Mild steel reinforcement to structural concrete work</u> | | | | |
| 35 | 8mm Diameter bars. | t | 0.40 | | |
| 36 | 10mm Diameter bars. | t | 1.75 | | |
| 37 | 12mm Diameter bars. | t | 0.54 | | |
| | <u>High tensile steel reinforcement to structural concrete work:</u> | | | | |
| 38 | 10mm Diameter bars. | t | 4.86 | | |
| 39 | 12mm Diameter bars. | t | 12.15 | | |
| 40 | 16mm Diameter bars. | t | 4.86 | | |
| 41 | 20mm Diameter bars. | t | 1.70 | | |
| 42 | 25mm Diameter bars. | t | 0.49 | | |
| 43 | 32mm Diameter bars. | t | 0.24 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT | | | | |

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| 44 | <u>Fabric reinforcement</u> | m2 | 373 | | |
| | Type 193 fabric reinforcement in concrete surface beds, slabs, aprons, etc | | | | |
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| Carried to Collection | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT | | | | | |

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| Section No. 2 | | | |
| BUILDING WORK | | | |
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| CONCRETE, FORMWORK & REINFORCEMENT | | | |

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| Item No | | Quantity | Rate | Amount |
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| | <u>SECTION NO. 2</u> <u>BILL NO. 5</u> <u>MASONRY</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | |
| | <u>FOUNDATIONS</u> <u>Brickwork of 7MPa cement bricks in class I mortar</u> | | | |
| 1 | Half brick wall | m2 | 21 | |
| 2 | One brick wall | m2 | 228 | |
| 3 | One brick walls circular on plan. | m2 | 29 | |
| | <u>SUPERSTRUCTURE</u> <u>Loadbearing brickwork of NFP bricks (14 Mpa nominal compressive strength) in Class II cement mortar:</u> | | | |
| 4 | Half brick walls. | m2 | 98 | |
| 5 | Half brick walls in beamfilling. | m2 | 10 | |
| 6 | Half brick linings to concrete. | m2 | 14 | |
| 7 | One brick. | m2 | 955 | |
| 8 | One brick walls circular on plan. | m2 | 115 | |
| 9 | One brick parapet walls. | m2 | 10 | |
| | Carried to Collection | | | |
| | Section No. 2 BUILDING WORK Bill No. 5 MASONRY | | | |

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| <u>BRICKWORK SUNDRIES</u> | | | | |
| 10 | Cutting toothings and bonding new brickwork to existing. | m2 | 6 | |
| <u>Joint forming material in movement joints:</u> | | | | |
| 11 | 12mm Bitumen impregnated fibre board built in vertically in brick walls not exceeding 300mm wide. | m | 70 | |
| <u>Brick reinforcement and hoop iron ties</u> | | | | |
| 12 | 75mm Wide reinforcement built in horizontally in foundations | m | 85 | |
| 13 | 150mm Wide reinforcement built in horizontally in foundations | m | 130 | |
| <u>Prestressed fabricated lintels:</u> | | | | |
| 14 | 100 x 70mm Lintels in lengths not exceeding 3m. | m | 91 | |
| <u>Turning pieces to lintels etc</u> | | | | |
| 15 | 222mm Wide turning piece. | m | 35 | |
| <u>Galvanised hoop iron cramps, ties, etc:</u> | | | | |
| 16 | 32 x 1,6mm Roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork. | No | 40 | |
| <u>FACE BRICKWORK</u> | | | | |
| <u>Face bricks pointed with recessed horizontal and vertical joints</u> | | | | |
| 17 | Extra over for brick-on-edge header course lintels one course high, pointed on face and 73mm soffit. | m | 2 | |
| 18 | Extra over ordinary brickwork for face brickwork in foundations. | m2 | 60 | |
| 19 | <u>Extra over ordinary brickwork for face brickwork.</u> | m2 | 1 060 | |
| Carried to Collection | | | | R |
| Section No. 2 BUILDING WORK Bill No. 5 MASONRY | | | | |

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|---|---|----|-----|---|--|
| 20 | Extra over brickwork for face brickwork, circular on plan to exceeding 2m radius. | m2 | 270 | | |
| 21 | Fair raking cutting. | m | 45 | | |
| 22 | Fair circular cutting. | m | 45 | | |
| 23 | Fair splay cutting. | m | 45 | | |
| 24 | Extra over brickwork for face brickwork in header courses, circular on plan to not exceeding 2m radius. | m2 | 60 | | |
| 25 | Extra over ordinary brickwork for face brickwork in beamfilling. | m2 | 22 | | |
| 26 | Extra over brickwork for brick-on-edge header course lintel. | m2 | 35 | | |
| 27 | Extra over 190mm Wide brick-on-edge header course sills set sloping and slightly projecting and pointed on all exposed faces. | m | 20 | | |
| Carried to Collection | | | | | |
| Section No. 2 BUILDING WORK Bill No. 5 MASONRY | | | | R | |

| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 45 | |
| | | 46 | |
| | | 47 | |
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| Section No. 2 BUILDING WORK Bill No. 5 MASONRY | | | |
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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>WATERPROOFING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p> | | | |
| | <p><u>DAMP-PROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of approved 375 micron embossed damp proof course</u></p> | | | |
| 1 | In walls | m2 | 104 | |
| | <p><u>One layer of approved 250 micron under surface bed type waterproof sheeting sealed at laps with pressure sensitive tape</u></p> | | | |
| 2 | Under surface beds, aprons, etc | m2 | 373 | |
| | <p><u>Prepare and apply two coats "Prostruct Vandex Super" waterproofing membrane in strict accordance with the manufacturer's instructions on:</u></p> | | | |
| 3 | Bottom and sides of lift pit. | m2 | 42 | |
| | <p><u>Two coats bitumen emulsion waterproof coating:</u></p> | | | |
| 4 | On bottom and sides of shower floors and walls. | m2 | 9 | |
| 5 | On walls to receive rock cladding. | m2 | 30 | |
| | Carried to Collection | | | |
| | Section No. 2 BUILDING WORK Bill No. 6 WATERPROOFING | | R | |

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|---|---|--|----|-------|---|--|--|
| | <u>Derbigum SP 4 waterproofing torch-on polymer modified bitumen with polyester base with 75mm side laps and 100mm end laps fully bonded, inclusive of additional membrane dressing around fullbores, pipes, etc including preparation, bituminous primer by torchfusion, etc., to receive paint (elsewhere), and guaranteed to remain watertight for a period of ten years:</u> | | | | | | |
| | 6 | On flat roofs. | m2 | 83 | | | |
| | <u>PROTECTIVE ROOFING PAINT</u> | | | | | | |
| | <u>Two coats bituminous aluminium paint:</u> | | | | | | |
| | 7 | On waterproofing to roofs. | m2 | 1 455 | | | |
| | <u>JOINT SEALANTS, ETC</u> | | | | | | |
| | <u>Two part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc.</u> | | | | | | |
| | 8 | Point 6mm wide joint between ceramic sanitayware and wall with type 2 one component, silicone rubber base joint sealing compound. | m | 60 | | | |
| | 9 | 3 x 35mm In saw cut joints in floors | m | 60 | | | |
| | 10 | Rake out 12mm thick expansion joint filler to a depth of 10mm, apply approved primer, insert packing strip and fill with type 2 gungrade polysulphide base joint sealing compound. | m | 60 | | | |
| | <u>Silicone sealing compound including raking out joint filler as necessary and backing cord, bond breaker, primer, etc.:</u> | | | | | | |
| | 11 | 10 x 10mm In construction joints in floors. | m | 50 | | | |
| Carried to Collection | | | | | R | | |
| Section No. 2 BUILDING WORK Bill No. 6 WATERPROOFING | | | | | | | |

| COLLECTION | | Page No | Amount |
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| Total Brought Forward from Page No. | | 49 | |
| | | 50 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| Section No. 2 BUILDING WORK Bill No. 6 WATERPROOFING | | | |
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| Item No | Quantity | Rate | Amount |
|---|---|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>ROOF COVERING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition) and to the Supplementary Preambles which are incorporated in these Bills of Quantities.</u></p> | | | |
| <p><u>TILES</u></p> <p><u>420 x 332mm "Marly Double Roman" concrete roof tiles nailed with non-corrosive nails and/or fixed with suitable non-corrosive clips as required to and including 38 x 38mm sawn softwood battens at 2400mm centres over and including an underlay of 250 micron polyethelene sheeting in accordance with SANS 952 Type E fixed to rafters under battens with minimum laps of 150mm:</u></p> | | | |
| 1 | Roof covering with pitches not exceeding 25 degrees. | m2 | 15 |
| 2 | Ridges of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 300mm wide strip of 375 micron embossed dampproof course in accordance with SANS 952 Type B underlay. | m | 7 |
| 3 | Hips of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 300mm wide strip of 375 micron embossed dampproof course in accordance with SANS 952 Type B underlay and raking cutting to tiles on both sides. | m | 10 |
| 4 | Verges of capping tiles to match roofing tiles, fixed with non-corrosive fixing accessories. | m | 10 |
| Carried to Collection | | | R |
| Section No. 2 BUILDING WORK Bill No. 7 ROOF COVERING, ETC. | | | |

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| 5 | Purpose made tile to end of ridge, bedded and pointed in 1:3 tinted cement mortar. | No | 3 | | |
| <u>PROFILED SHEETING OF METAL, FIBRE-CEMENT, PLASTICS, ETC.</u> | | | | | |
| <u>0,5mm Thick "Klip-lock 700" heavy industrial zincalume roof sheeting with a Z275 galvanised finish on one side in single lengths fixed to timber purlins including heavy industrial galvanised finishings all fixed in strict accordance with the manufacturer's instructions:</u> | | | | | |
| 6 | Sheeting laid to roof with pitch not exceeding 50 degrees in single lengths (measured nett). | m2 | 1 700 | | |
| 7 | Sheeting laid to roof circular on elevation not exceeding 20m radius with pitch not exceeding 50 degrees in single lengths (measured nett). | m2 | 350 | | |
| 8 | Circular cutting. | m | 100 | | |
| <u>0,5mm Thick chromadek flashings, etc.:</u> | | | | | |
| 9 | 550mm Girth ridge flashing. | m | 80 | | |
| <u>Repairs to galvanised iron roof sheeting</u> | | | | | |
| 10 | Carefully examine entire roof area and locate leaks with particular attention given to roof leaks where marks are visible on walls and ceilings. Locate holes and solder. Replace defective screws using longer screws as "Reaseal" or similar approved as SABS Specification 135 where purlins are fixed on edge, and 6mm bolts where purlins are fixed on flat. Beat into corrugations damaged or buckled edges, fix in position where necessary using self tapping screws, roofing screws or verandah bolts. Similarly examine all flashing, ridging and valley linings, repair and refix loose sections, as for roof covering. No plastic or other compounds are to be used to render leaks watertight | m2 | 1 785 | | |
| 11 | Ridge cappings. | m | 200 | | |
| <u>EAVES AND VERGES</u> | | | | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 7 ROOF COVERING, ETC. | | | | | |

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| 12 | <p><u>Carefully examine the eaves and verges and locate damaged ceiling boards. Replace defective ceiling with similar ceiling boards and, treat the remaining struts and vertical support and work off all joints with cover strips as required.</u></p> <p>On eaves and verges</p> <p><u>ROOF INSULATION</u></p> <p><u>Alutherm fibreglass reinforced aluminium foil faced resin bonded glass fibre flexible insulation with galvanised straining wires fixed in strict accordance with the manufacturer's instructions:</u></p> | m2 | 40 | |
| 13 | <p>100mm Thick fibreglass roof insulation laid taut over purlins (purlins at approximately 1100mm centres) with minimum 100mm side laps and fixed concurrent with roof covering including galvanised steel straining wires, etc.</p> | m2 | 2 950 | |
| | <p>Carried to Collection</p> <p>Section No. 2 BUILDING WORK Bill No. 7 ROOF COVERING, ETC.</p> | | R | |

| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 52 | |
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| Section No. 2 BUILDING WORK Bill No. 7 ROOF COVERING, ETC. | | | |
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| Item No | | Quantity | Rate | Amount | |
|---------|---|----------|------|--------|--|
| | <u>SECTION NO. 2</u> <u>BILL NO. 8</u> <u>CARPENTRY AND JOINERY</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | | |
| | <u>TRUSSES</u> <u>Prefabricated trusses including girders, hips, valleys, runners, bracing, cleats, battens, purlins, etc. supplied and fixed complete:</u> | | | | |
| 1 | Roof size overall 25,39 x 10,48m wide on plan including hoisting and fixing in position approximately 3,0m above ground level. | No | 1 | | |
| 2 | Roof size overall 4,50 x 2,50m wide on plan including hoisting and fixing in position approximately 3,2m above ground level. | No | 1 | | |
| | <u>EAVES, VERGES, ETC</u> <u>Tempered fibre cement</u> | | | | |
| 3 | 12 x 225mm Fascia board countersunk screwed to roof timbers (elsewhere) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium halfround cover strips at all joints. | m | 45 | | |
| 4 | 12 x 255mm Barge board fixed to steel roof (elsewhere) and jointed with and including standard aluminium halfround cover strips at all joints. | m | 25 | | |
| | <u>DOORS, ETC.</u> | | | | |
| | <p style="text-align: right;">Carried to Collection</p> | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 8 CARPENTRY AND JOINERY | | | | |

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| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 56 | |
| | | 57 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| Item No | | Quantity | Rate | Amount |
|---------|--|----------|-------|--------|
| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 9</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 (2008 Edition)</u></p> | | | |
| | <p><u>CEILING TIMBERS, BEADS, INSULATION, ETC</u></p> <p><u>NAILED UP CEILINGS</u></p> <p><u>6.4mm Thick nutec fibre-cement board:</u></p> | | | |
| 1 | <p>Ceilings with open joints for and including pre-primed H-section cover strips neatly mitred at intersections and nailed with sinkchomate treated nails to and including 38 x 50mm sawn softwood brandering at 400mm centres in one directions fixed to timber trusses.</p> | m2 | 22 | |
| | <p><u>6,4mm Thick gypsum plasterboard ceiling:</u></p> | | | |
| 2 | <p>6,4mm Thick gypsum plasterboard ceiling with open joints for and including pre-primed H-section cover strips neatly mitred at intersections and nailed to and including 38 x 38mm sawn softwood brandering at 400mm centres in both directions fixed to timber trusses.</p> | m2 | 1 033 | |
| 3 | <p>Extra over ceiling for 610 x 610 trap door including 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening.</p> | No | 1 | |
| 4 | <p>75mm coved cornice.</p> | m | 656 | |
| | <p>Carried to Collection</p> | | | |
| | <p>Section No. 2 BUILDING WORK Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING</p> | | | |

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|---|--|----|-------|---|--|
| | <p><u>Flush plastered plasterboard ceiling formed of 12,5mm square edged gypsum plaster board screwed to concealed galvanised suspension tee grid system with drywall screws spaced at 150mm centres. Suspension grid system consisting of main tees spaced at 1200mm centres and cross tees spaced at 300mm centres, with and including 4mm diameter suspension wires and rods, additional suspension wires and rods, etc. to accomodate airconditioning ducts and other electrical, mechanical, and plumbing services in the ceiling void, wall angles, suspension clips, suspension plates, etc. All joints finished off with 63mm wide strips of mesh scrim nailed over joints and the whole finished with minimum 3mm and maximum 6mm thick coat of gypsum skim plaster trowelled to a smooth polished surface.</u></p> | | | | |
| 5 | Ceilings suspended not exceeding 1m below concrete slabs. | m2 | 786 | | |
| 6 | Circular-shaped bulkhead 1200mm girth suspended not exceeding 1m below concrete soffits including all additional support that may be required. | m | 85 | | |
| 7 | Circular cutting. | m | 255 | | |
| | <u>SUSPENDED CEILING</u> | | | | |
| | <p><u>1200 x 600 x 9mm Vinylclad gypsum board ceiling tiles with foil backing suspended in 38mm wide powder coated, open suspension system including main and cross tees, holding down clips, necessary hangers, additional hangers, etc. to accomodate air-conditioningducts and other electrical, mechanical, and plumbing services in the ceiling void, grids, etc, all in accordancewith the manufacturer's instructions:</u></p> | | | | |
| 8 | Ceilings suspended not exceeding 1m below concrete slabs. | m2 | 1 372 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING | | | | |

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|---|---|----|-------|--|---|
| 9 | <u>Carefully examine the entire ceiling area and locate damaged ceiling boards. Replace defective ceiling with similar ceiling boards including suspension ceiling system as required.</u> | | | | |
| | On ceiling. | m2 | 1 400 | | |
| 10 | <u>ROOF INSULATION</u> | | | | |
| | 100mm Thick Aluthern or similar approved fibreglass blanket closely fitted and layed on top of brandering between roof timbers. | m2 | 1 502 | | |
| Carried to Collection | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING | | | | | |

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|---|--|----|-----|---|--|
| <u>MOVEMENT JOINTS, ETC.</u> | | | | | |
| <u>Movement joints, corner beads, etc.:</u> | | | | | |
| 11 | Extra over ceilings for forming movement joints in ceilings as per manufacturers products installed complete including any additional support that may be required, all in accordance with the manufacturer's recommendations. | m | 30 | | |
| <u>PARTITIONING</u> | | | | | |
| <u>Approved partition system with an overall thickness of 76mm comprising recessed head section top track, recessed base section bottom track including z-section supports and vertical studs at approximately 600mm centers including additional studs where necessary at abutments, end, reveals, etc., covered with and including 12,7mm thick Rhino wall board screwed to studding with dry-wall screws at 200mm centers including 50mm natural anodised aluminum skirting and 25mm natural anodised aluminium trim against ceiling, on both sides. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole board finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abutments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, etc., installed in strict accordance with the manufacturers instructions:</u> | | | | | |
| 12 | Partitioning 3000mm high with bottom and top tracks plugged. | m2 | 600 | | |
| 13 | Extra over partitioning for fair end to top with joint to ceiling (formed with aluminium capping). | No | 10 | | |
| 14 | Extra over partitioning 3000mm high for vertical abutment with brick wall. | No | 30 | | |
| 15 | Extra over partitioning 3000mm high for corner. | No | 30 | | |
| 16 | Extra over partitioning 3000mm high for T-intersection. | No | 30 | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING | | | | | |

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|---|---|----|------|--|--|---|
| 17 | 50mm Thick fibreglass insulation blanket (12kg/m3) laid vertically in cavity of partitioning. | m2 | 600 | | | |
| | <u>Extra over partitioning for purpose made natural anodised aluminium door frames including additional studding, trimming, etc. (for aluminium preambles refer to the Metalwork trade):</u> | | | | | |
| 18 | Extra over partitioning for natural anodised aluminium door frame for door size overall 813 x 2032mm high. | No | 5 | | | |
| | <u>FINANCIAL PROVISIONS</u> | | | | | |
| 19 | Allow the amount of R 150,000.00 for Glass Partition This work shall be measured on completion and priced at scheduled rates. | | Item | | | |
| Carried to Collection | | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING | | | | | | |

| COLLECTION | | Page No | Amount |
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| BUILDING WORK | | | |
| Bill No. 9 | | | |
| CEILINGS PARTITIONS AND ACCESS FLOORING | | | |

| Item No | | Quantity | Rate | Amount | |
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| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</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 (2008 Edition)</u></p> | | | | |
| | <p><u>POLYPROPYLENE NEEDLE PUNCH CARPET SHEETING AND TILES</u></p> <p><u>500 x 500 x 9mm Thick "Belgotex Torrential Rain" heavy commercial resinbacked carpet tiles fixed with an approved adhesive in strict accordance with the manufacturer's instructions on plaster bedding (bedding elsewhere):</u></p> | | | | |
| 1 | On floors. | m2 | 1 400 | | |
| | <p><u>POLYPROPYLENE NEEDLE PUNCH ENTRANCE MATS</u></p> <p><u>12mm Thick "Matco Trio Scaper" heavy commercial (4kg/m2) entrance mat comprising 100% polypropylene needle rips, extruded aluminium profiles, interlocking PVC joining sections, etc. fixed to recess in surface bed in strict accordance with the manufacturer's instructions:</u></p> | | | | |
| 2 | Door mat size 3600 x 1800mm wide. | No | 3 | | |
| | <p><u>PAPERHANGING</u></p> <p><u>Wallpaper fixed with an approved adhesive on plastered bedding (elsewhere) in strict accordance with the manufacturer's instructions:</u></p> | | | | |
| 3 | On plastered walls. | m2 | 82 | | |
| | <p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 BUILDING WORK Bill No. 10 FLOOR COVERINGS, WALL LININGS, ETC.</p> | | | R | |

| Item No | | Quantity | Rate | Amount | |
|---------|--|----------|------|--------|--|
| | <u>SECTION NO. 2</u> <u>BILL NO. 11</u> <u>IRONMONGERY</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | | |
| | <u>HINGES, BOLTS, ETC.</u> <u>Stainless steel:</u> 1 100mm Butt hinges. No 34 <u>LOCKS</u> <u>Stainless steel:</u> 2 Dorma D036S cylinder sash lock with stainless steel forend. No 16 3 Dorma D035S wc indicator cylinder sash lock with stainless steel forend and "Dorma DWC-115" indicator. No 1 <u>HANDLES</u> <u>Natural Anodised Aluminium:</u> 4 "DORMA SH815" Lever handle with rose. No 16 5 Dorma TH120/BP tubular spring loaded pull handle on and including "Dorma TH120/BP" cylinder backplate. No 1 | | | | |
| | Carried to Collection | | R | | |
| | Section No. 2 BUILDING WORK Bill No. 11 IRONMONGERY | | | | |

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| <u>DOOR CLOSERS</u> | | | | |
| 6 | Standard overhead door closer in accordance with SABS 1510 with adjustable closing force strength 2-4, adjustable arm, etc. | No | 6 | |
| <u>SIGNAGE</u> | | | | |
| 7 | Dorma DSS-130 150 x 150 x 3mm thick stainless steel pictogram sign with "Male" engraving plugged to plastered wall. | No | 10 | |
| 8 | Dorma DSS-133 150 x 150 x 3mm thick stainless steel pictogram sign with "Paraplegic" engraving plugged to plastered wall. | No | 10 | |
| <u>BATHROOM FITTINGS</u> | | | | |
| 9 | "Franke Rodan RODX 619 (Ref. 359981)" or equal approved soap dispenser with plugged to wall. | No | 10 | |
| 10 | "Halcast Steel (Ref. 366S-SC)" or equal approved thief proof toilet roll holder plugged to wall. | No | 10 | |
| 11 | "Franke BS603 (Ref. 359820)" or equal approved waste container with lid plugged to wall. | No | 10 | |
| 12 | Multi fold paper towel dispenser and bin, plugged to wall as 44/131 | No | 10 | |
| <u>SUNDRIES</u> | | | | |
| 13 | Dust Strike. | No | 18 | |
| 14 | Floor mounted door stop. | No | 18 | |
| <u>FINANCIAL PROVISIONS</u> | | | | |
| The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required. | | | | |
| 15 | Allow the amount of R 30 000.00 (Thirty Thousand Rand) for installation of lockers. | | Item | |
| Carried to Collection | | | | R |
| Section No. 2 BUILDING WORK Bill No. 11 IRONMONGERY | | | | |

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| Total Brought Forward from Page No. | | 66 | |
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| Section No. 2 BUILDING WORK Bill No. 11 IRONMONGERY | | | |
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| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 12</u></p> <p><u>METALWORK</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition) and to the Supplementary Preambles which are incorporated in these Bills of Quantities.</u></p> | | | |
| | <u>GALVANISED STEEL BALUSTRADES</u> | | | |
| 1 | Horizontal balustrades 1000mm high circular on plan. | m | 85 | |
| | <u>PRESSED STEEL DOOR FRAMES</u> | | | |
| | <u>1,6mm Thick Single 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> | | | |
| 2 | Frame for door size 813 x 2032mm high. | No | 7 | |
| | <u>1,6mm Thick Single rebated frames suitable for one 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> | | | |
| 3 | Frame for door size 813 x 2032mm high. | No | 9 | |
| | Carried to Collection | | | |
| | Section No. 2 BUILDING WORK Bill No. 12 METALWORK | | | |

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|--|--|----|----|--|---|
| | <p><u>1,6mm Thick double rebated frames suitable for one 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> | | | | |
| 4 | <p>Frame for door size 900 x 2032mm high.</p> <p><u>PRESSED STEEL TRANSFORMER ROOM DOORS AND FRAMES</u></p> <p><u>Transformer room doors and frames</u></p> | No | 1 | | |
| 5 | <p>Durowin MV Type transformer room doors and frames manufactured from 1,6mm pressed sheet metal with 6 x 6 x 1,6mm square galvanised wire mesh at back of louvres, including hinges, bolts, heavy duty hasp and staple, hold-open cabin hooks to each leaf with eyes screwed to and including hardwood blocks plugged to wall, fixing lugs on back of frames, louvres and clips, ears for padlock, etc. (padlock elsewhere).</p> <p><u>STEEL WINDOWS</u></p> <p><u>Standard residential type steel windows with burglar bars to fixed and opening sections:</u></p> | No | 1 | | |
| 6 | <p>Window type ND54; size 1511 x 1540mm.</p> <p><u>REFURBISH EXISTING WINDOWS</u></p> | No | 2 | | |
| 7 | <p>Windows including necessary minor repairs, replacement of missing parts and align and leave in good working order.</p> <p><u>ALUMINIUM WINDOWS</u></p> <p><u>Standard powder coated aluminium windows complete with frames in brick openings, glazed with and including 6mm thick clear float glass:</u></p> | m2 | 15 | | |
| 8 | <p>Top hung opening section window size overall 600 x 900mm high.</p> | No | 5 | | |
| Carried to Collection | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 12 METALWORK | | | | | |

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|--|---|----|------|--|---|--|
| 9 | Top hung opening section window size overall 900 x 900mm high. | No | 4 | | | |
| 10 | Window with two fixed panes and four top hung opening sections size overall 2000 x 2000mm high. | No | 4 | | | |
| 11 | One fixed pane window size overall 3600 x 1800mm high. | No | 1 | | | |
| 12 | One fixed pane window size overall 4980 x 900mm high. | No | 1 | | | |
| 13 | One fixed pane window size overall 1600 x 2125mm high. | No | 1 | | | |
| 14 | One fixed pane window size overall 5200 x 1200mm high. | No | 1 | | | |
| 15 | One fixed pane window size overall 4800 x 1200mm high. | No | 1 | | | |
| <u>SHOWER DOORS</u> | | | | | | |
| <u>White powder coated aluminium shower cubicle doors complete with handles, hinges, etc and 6mm toughened obscure safety glass plugged to tiled walls:</u> | | | | | | |
| 16 | Sliding door 1800mm high in three leaves suitable for opening 900mm wide. | No | 2 | | | |
| <u>FINANCIAL PROVISIONS</u> | | | | | | |
| The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required. | | | | | | |
| 17 | Allow the amount of R 80,000.00 for FEDGLASS Frameless Balustrade. This work shall be measured on completion and priced at scheduled rates. | | Item | | | |
| Carried to Collection | | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 12 METALWORK | | | | | | |

| COLLECTION | | Page No | Amount |
|--|--|---------|--------|
| Total Brought Forward from Page No. | | 69 | |
| | | 70 | |
| | | 71 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| | | | |
| Section No. 2 BUILDING WORK Bill No. 12 METALWORK | | | |
| | | | |

| Item No | | Quantity | Rate | Amount | |
|---------|---|----------|-------|--------|--|
| | <u>SECTION NO. 2</u> <u>BILL NO. 13</u> <u>PLASTERING</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | | |
| | <u>Screeds on concrete:</u> | | | | |
| 1 | 35mm Thick on floors. | m2 | 1 216 | | |
| 2 | 35mm Thick on treads and risers. | m2 | 12 | | |
| 3 | 35mm Thick on narrow widths. | m2 | 50 | | |
| 4 | 100mm Thick (average) on slabs to falls to receive waterproofing | m2 | 83 | | |
| 5 | 75 x 75mm Triangular fillet at perimeter of roof screed to receive turn-up of waterproofing. | m | 35 | | |
| | <u>INTERNAL PLASTER</u> | | | | |
| | <u>One coat cement plaster minimum 15mm thick (4:1) wood floated to receive tiles (elsewhere) including all labours:</u> | | | | |
| 6 | On brick vertical surfaces (part on concrete). | m2 | 518 | | |
| 7 | In narrow widths. | m2 | 12 | | |
| | <u>One coat cement plaster minimum 15mm thick (4:1) finished smooth with a steel float including all labours:</u> | | | | |
| 8 | On brick vertical surfaces (part on concrete). | m2 | 858 | | |
| 9 | In narrow widths. | m2 | 22 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 13 PLASTERING | | | | |

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|---|---|----------------|-----|--|---|
| | <u>EXTERNAL PLASTER</u> <u>One coat cement plaster minimum 15mm thick (5:1) finished smooth with a wood float including all labours:</u> | | | | |
| 10 | On brick vertical surfaces (part on concrete). | m ² | 560 | | |
| 11 | In narrow widths. | m ² | 18 | | |
| | <u>CRACK REPAIRS</u> <u>Repairs to non-structural cracks in walls:</u> | | | | |
| 12 | Cut a 6mm wide x 15mm deep saw cut above and below the crack and plaster with 5:1 cement mortar to form a v-joint. | m | 200 | | |
| Carried to Collection | | | | | R |
| Section No. 2 BUILDING WORK Bill No. 13 PLASTERING | | | | | |

| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 73 | |
| | | 74 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| Section No. 2 BUILDING WORK Bill No. 13 PLASTERING | | | |
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| Item No | | Quantity | Rate | Amount | |
|---------|---|----------|-------|--------|--|
| | <u>SECTION NO. 2</u> <u>BILL NO. 14</u> <u>TILING</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | | |
| | <u>WALL TILING</u> <u>330 x 330 x 7mm Thick "Tile Africa Granito GN-572" glazed ceramic tiles fixed with an approved adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound:</u> | | | | |
| 1 | On walls. | m2 | 214 | | |
| 2 | In splashbacks, etc. | m2 | 4 | | |
| | <u>FLOOR TILING</u> <u>420 x 420 x 6,5mm Thick "Klimanjaro Moremi Grey Ecotec" matt porcelain tiles fixed with an approved rapid setting porcelain adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound:</u> | | | | |
| 3 | On floors. | m2 | 150 | | |
| 4 | 100mm High skirting. | m | 60 | | |
| | <u>600 x 200 x 9mm Thick "Rainforest Taupe Perla" matt ceramic tiles fixed with an approved adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound:</u> | | | | |
| 5 | On floors. | m2 | 1 066 | | |
| 6 | 100mm High skirting. | m | 120 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 14 TILING | | | | |

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|---|--|----|-------|---|--|
| | <u>420 x 635 x 5,5mm Thick "Klimanjaro Lagos Cement Ecotec" matt porcelain slip resistant tiles fixed with an approved rapid setting porcelain adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound:</u> | | | | |
| 7 | On floors. | m2 | 59 | | |
| 8 | 100mm High skirting. | m | 12 | | |
| | <u>600 x 600 x 5mm Thick "Kerry Grey Cement Ecotec" Rectified hard body slip resistant tiles fixed with an approved rapid setting porcelain adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound:</u> | | | | |
| 9 | On floors. | m2 | 1 025 | | |
| 10 | 100mm High skirting. | m | 665 | | |
| | <u>MOSAICS</u> | | | | |
| | <u>Union Tiles 1SHEMOSJH-P19300 stone mosaic tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compound in strict accordance with the manufacturer's instructions:</u> | | | | |
| 11 | On floors to falls. | m2 | 3 | | |
| | <u>COUNTER WORKTOPS</u> | | | | |
| | <u>Surinno or equal approved 28mm thick x 610mm wide prefabricated vanity tops with hole for basin mixer and waste as per manufacturer's instructions:</u> | | | | |
| 12 | Vanity slabs. | m | 5 | | |
| | <u>STONE CLADDING</u> | | | | |
| | <u>"Italtile Pietra Slate Natural Cladding" 400 x 400mm interlocking riven tiles fixed with "Tal Gold Star 12" quick setting adhesive on plaster bedding (bedding elsewhere) and flush pointed with "Tal Quarrygrout" tinted water proof jointing compound:</u> | | | | |
| 13 | On walls in random patterns. | m2 | 30 | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 14 TILING | | | | | |

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|---|--|---|----|------------------------------|
| 14 | <p><u>CORNER PROTECTORS, DIVIDING STRIPS, ETC.</u></p> <p>Kirk M-Trim ASE120 12mm high aluminium straight trim fixed in strict accordance with the manufacturer's instructions.</p> | m | 14 | |
| <p>Section No. 2 BUILDING WORK Bill No. 14 TILING</p> | | | | <p>Carried to Collection</p> |

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| Item No | Quantity | Rate | Amount |
|---|----------|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 15</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p> | | | |
| <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Prices</u></p> <p>Pipes of the same specification whether of water, waste water, fire services, rainwater, gas, compressed air, etc. are for convenience measured separately.</p> <p>Prices of all piping to include for short lengths, nipples, cutting, jointing, running joints, sockets, collars, etc. and unless otherwise stated to include for fixing to walls, in ducts, ceilings, roofs, floors, columns, slabs, etc.</p> <p>Prices for pipes laid in trenches to include for risk of collapse, keeping excavations free from water, return filling and ramming and spreading and levelling surplus excavated material on site as direct</p> <p><u>Wire gratings</u></p> <p>Descriptions of gutter outlets, etc. shall be deemed to include wire balloon gratings.</p> <p><u>Stormwater channels</u></p> <p>Descriptions of channels shall be deemed to include all necessary excavation and disposal of surplus material.</p> | | | |
| <p style="text-align: right;">Carried to Collection</p> | | | |
| <p>Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE</p> | | | |

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|--|--|--|---|--|
| | <p><u>uPVC pipes and fittings</u></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings.</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings.</p> <p>uPVC pressure pipes and fittings:</p> <p>Pipes of water supply shall be of the class described.</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings.</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints.</p> <p><u>Copper pipes</u></p> <p>Pipes shall be carbon free and of hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes shall be of capillary type solder fittings and compression fittings shall be of an approved type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in all walls or in ground.</p> <p>Copper pipes are to be installed in accordance with the latest revision of the code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc. to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE</p> | | | |
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|--|---|--|---|--|
| | <p>The contractor is to allow for regular inspections and monthly certification by the manufacturer to ensure compliance with the above.</p> <p><u>Exposed concrete surfaces</u></p> <p>Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc. shall be finished smooth with plaster.</p> <p><u>Excavation and backfilling</u></p> <p>Excavations and backfilling must be done using hand held tools only.</p> <p><u>Excavations</u></p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling.</p> <p>"Soft and Hard rock" shall be as defined in "Earthworks".</p> <p><u>Sanitary fittings</u></p> <p>Outer edges of sinks, basins, urinals, etc. are to be sealed against adjacent surfaces with approved silicone.</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc.</u></p> <p>Units shall have standard aprons on all exposed edges and tiling keys against wall where applicable.</p> <p><u>Waste unions</u></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings.</p> | | | |
| | <p style="text-align: right;">Carried to Collection</p> | | R | |
| | <p>Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE</p> | | | |

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|---|---|----|-----|---|--|
| <p><u>Disinfection of water pipework</u></p> <p>All water pipework is to be disinfected in accordance with SABS 1200L.</p> <p><u>General</u></p> <p>Descriptions of pipes laid in and including trenches, inspection chambers, etc. shall be deemed to include excavation, backfilling, bedding, compaction to a minimum of 93% Modified AASHTO density and disposal of surplus material.</p> | | | | | |
| <p><u>RAINWATER DISPOSAL</u></p> <p><u>0,6mm Galvanised sheet iron</u></p> | | | | | |
| 1 | 75 x 100mm Eaves gutter with beaded front edge | m | 102 | | |
| 2 | Extra over 75 x 100mm eaves gutter for stopped end | No | 10 | | |
| 3 | 75 x 100mm Rainwater downpipe. | m | 50 | | |
| 4 | Extra over 75 x 100mm rainwater downpipe for shoe. | No | 10 | | |
| 5 | Extra over 75 x 100mm rainwater downpipe for bend. | No | 10 | | |
| 6 | Extra over 75 x 100mm rainwater downpipe for eaves or plinth offset. | No | 10 | | |
| <p><u>Fullbore cast iron outlets including joint to pipes, adaptors, etc</u></p> | | | | | |
| 7 | 100mm Saint Gobain 90° centre bolt side roof outlet with domical grating (code 03505), jointed to uPVC pipe and set in top of concrete slab. | No | 4 | | |
| 8 | 100mm Saint Gobain 180° centre bolt vertical roof outlet with domical grating (code 03505), jointed to uPVC pipe and set in top of concrete slab. | No | 4 | | |
| <p><u>SANITARY FITTINGS</u></p> | | | | | |
| <p>Carried to Collection</p> | | | | R | |
| <p>Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE</p> | | | | | |

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|--|---|----|----|---|--|
| <u>Approved stainless steel type 304 (18/10):</u> | | | | | |
| 9 | Franke Quinline QLX621-110 (Ref. 820006) double end bowl inset sink complete with chromium plated waste union (ref: 300651), chain and stay, under sink insulation, fixing in position and connecting complete as per manufacturer's instructions (taps elsewhere). | No | 1 | | |
| <u>White vitreous china:</u> | | | | | |
| 10 | Vaal Sanitaryware Pearl (730103) Paraplegic vitreous china wall hung paraplegic back inlet washdown suite colour White (code: 439016) fixed on and including floor bracket (code: 8082Z0) comprising 90° outlet open rim pan, back inlet (code: 439016), including lid, fitments and purpose-made and double flap wooden seat (code: 8520Z0). | No | 2 | | |
| 11 | Vaal Sanitaryware Pearl WC suite comprising pan with P trap, matching 9 litre cistern complete with valveless syphonic fitting, ball valve and matching flush pipe and heavy duty white double flap seat, fixing in position and connecting complete. | No | 10 | | |
| 12 | "Vaal Sanitaryware Weaver 1TH single tap hole counter top wash hand basin complete with chromium plated pop-up waste union and fixing in position including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions. | No | 10 | | |
| <u>TRAPS, ETC.</u> | | | | | |
| 13 | 32mm Rubber combination sink trap. | No | 1 | | |
| 14 | 40mm Chromium plated brass bottle trap. | No | 12 | | |
| <u>TAPS, VALVES, ETC.</u> | | | | | |
| <u>Chromium plated:</u> | | | | | |
| 15 | Cobra Ledimo basin mixer. | No | 10 | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE | | | | | |

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| COLLECTION | | Page No | Amount |
|--|--|---------|--------|
| Total Brought Forward from Page No. | | 80 | |
| | | 81 | |
| | | 82 | |
| | | 83 | |
| | | 84 | |
| | | 85 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| Section No. 2 BUILDING WORK Bill No. 15 PLUMBING AND DRAINAGE | | | |
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| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 16</u></p> <p><u>GLAZING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p> | | | |
| | <p><u>GLAZING TO STEEL WITH PUTTY</u></p> <p><u>6mm Clear toughened safety glass</u></p> | | | |
| 1 | <p>Panes exceeding 0,5m2 and not exceeding 2m2.</p> <p>m2</p> | 4 | | |
| | <p><u>TOPS, SHELVES, MIRRORS, ETC.</u></p> <p><u>Mirrors to comply with SABS 1236 Class A.</u></p> <p><u>6mm 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></p> | | | |
| 2 | <p>Mirror size 600 x 900mm high.</p> <p>No</p> | 12 | | |
| | <p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 BUILDING WORK Bill No. 16 GLAZING</p> | | R | |

| Item No | | Quantity | Rate | Amount | |
|---------|---|----------|-------|--------|--|
| | <u>SECTION NO. 2</u> <u>BILL NO. 17</u> <u>PAINTWORK</u> <u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u> | | | | |
| | <u>PAINTWORK TO NEW WORK</u> <u>FLOATED PLASTER</u> <u>Clean down, prepare and apply one coat alkali resistant plaster primer, one coat pure acrylic paint thinned with 20% water and one coat interior quality pure acrylic (with teflon) paint on:</u> | | | | |
| 1 | Internal plastered walls, columns, recessed bands, etc. | m2 | 1 917 | | |
| | <u>PLASTERBOARD</u> <u>Clean down, prepare and apply one coat alkali resistant primer, one coat pure acrylic paint thinned with 20% water and one coat interior quality pure acrylic (with teflon) paint on:</u> | | | | |
| 2 | On ceiling boards | m2 | 1 033 | | |
| 3 | Partitions. | m2 | 600 | | |
| 4 | On eaves and verges | m2 | 50 | | |
| | <u>ON FIBRE-CEMENT BOARD SURFACES</u> | | | | |
| 5 | Fascias and barge boards. | m | 16 | | |
| 6 | On ceiling boards. | m2 | 22 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 BUILDING WORK Bill No. 17 PAINTWORK | | | | |

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|---|---|----|-------|---|--|
| <u>ON METAL SURFACES</u> | | | | | |
| <u>One coat water based galvanised iron primer and two coats UV-resistant water based alkyd roof paint, on galvanised steel.</u> | | | | | |
| 7 | Door frames and linings. | m2 | 5 | | |
| 8 | IBR profile troughed roofs (measured on flat). | m2 | 1 025 | | |
| 9 | Windows with burglar bars. | m2 | 8 | | |
| <u>WOOD</u> | | | | | |
| <u>Clean down, sand down, prepare and apply one coat wood primer one coat universal undercoat and three coats polyurethane varnish</u> | | | | | |
| 10 | General surfaces of doors. | m2 | 58 | | |
| <u>PAINTWORK TO PREVIOUSLY PAINTED WORK</u> | | | | | |
| <u>FLOATED PLASTER</u> | | | | | |
| <u>Clean down, prepare and apply one coat alkali resistant plaster primer, one coat pure acrylic paint thinned with 20% water and one coat interior quality pure acrylic (with teflon) paint on:</u> | | | | | |
| 11 | Internal plastered walls, columns, recessed bands, etc. | m2 | 670 | | |
| <u>PLASTERBOARD</u> | | | | | |
| <u>Clean down, prepare and apply one coat alkali resistant primer, one coat pure acrylic paint thinned with 20% water and one coat interior quality pure acrylic (with teflon) paint on:</u> | | | | | |
| 12 | On ceiling boards | m2 | 1 400 | | |
| 13 | On eaves and verges | m2 | 50 | | |
| <u>METAL</u> | | | | | |
| Carried to Collection | | | | R | |
| Section No. 2 BUILDING WORK Bill No. 17 PAINTWORK | | | | | |

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|---|----------------------------|----|-------|---|--|
| <p><u>Clean down, prepare and apply one coat zinc phosphate primer, one coat universal undercoat and two coats high gloss enamel paint on:</u></p> | | | | | |
| 14 | Roof sheeting. | m2 | 1 400 | | |
| 15 | Door frames and linings. | m2 | 10 | | |
| 16 | Windows with burglar bars. | m2 | 43 | | |
| 17 | Eaves gutters. | m2 | 30 | | |
| 18 | Rainwater downpipes. | m2 | 15 | | |
| 19 | Balustrades. | m2 | 90 | | |
| <p><u>WOOD</u></p> | | | | | |
| <p><u>Clean down, prepare and apply one coat wood primer, one coat universal undercoat and two coats non-drip polyurethane eggshell enamel paint on:</u></p> | | | | | |
| 20 | General surfaces of doors. | m2 | 50 | | |
| <p>Carried to Collection</p> | | | | R | |
| <p>Section No. 2 BUILDING WORK Bill No. 17 PAINTWORK</p> | | | | | |

| COLLECTION | | Page No | Amount |
|--|--|---------|--------|
| Total Brought Forward from Page No. | | 88 | |
| | | 89 | |
| | | 90 | |
| Carried Forward to Summary of Section No. 2 | | | |
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| Bill No | SECTION SUMMARY - BUILDING WORK | Page No | Amount | | |
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| 3 | CONCRETE, FORMWORK & REINFORCEMENT | 43 | | | |
| 4 | PRECAST CONCRETE | 44 | | | |
| 5 | MASONRY | 48 | | | |
| 6 | WATERPROOFING | 51 | | | |
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| Item No | | Quantity | Rate | Amount | |
|---------|--|----------|-------|--------|--|
| | <u>SECTION NO. 3</u> | | | | |
| | <u>BILL NO. 1</u> | | | | |
| | <u>GENERAL SITEWORKS</u> | | | | |
| | <u>DEMOLITIONS, ETC</u> | | | | |
| | <u>Take out / up and remove including carting away to a dumping site located by the contractor:</u> | | | | |
| 1 | Steel carports size overall 15000 x 5000mm including shade netting, concrete bases, etc. | No | 6 | | |
| 2 | Removal of exiting diamond mesh and store. | m | 600 | | |
| | <u>SITE CLEARANCE</u> | | | | |
| | <u>Site clearance:</u> | | | | |
| 3 | Digging up and removing all rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth measured 1m above ground level, including carting away all material to a dumping site to be located by the contractor. | m2 | 3 000 | | |
| | <u>Take out and remove tree with trunk exceeding 500mm but not exceeding 1000mm girth including excavating and removing of roots and fill hole with 150mm layers of clean dry earthfilling, watered and compacted to 90% modified AASHTO density.</u> | | | | |
| 4 | Tree exceeding 500mm and not exceeding 1000mm girth. | No | 2 | | |
| 5 | Tree exceeding 1000mm and not exceeding 1500mm girth. | No | 1 | | |
| | Carried Forward to Summary of Section No. 3 | | | R | |
| | Section No. 3 | | | | |
| | EXTERNAL WORK | | | | |
| | Bill No. 1 | | | | |
| | GENERAL SITEWORKS | | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>SECTION NO. 3</u> | | | |
| | <u>BILL NO. 2</u> | | | |
| | <u>EARTHWORKS</u> | | | |
| | <u>ROADS AND PAVEMENTS</u> | | | |
| | <u>Clearing & grubbing</u> | | | |
| 1 | Excavate material up to 100mm deep amd remove to disposal site. | m3 | 875 | |
| 2 | Removal of materials for disposal tarmec. | m3 | 15 | |
| 3 | Boxcut to stock pile. | m3 | 360 | |
| | <u>Earth filling supplied by the contractor under parking areas,roadways, etc</u> | | | |
| | <u>Sub-grade course:</u> | | | |
| 4 | 150mm Thick selected natural gravel (Type G7 from commercial sources) supplied by the Contractor and spread, level, water and compact to 95% modified AASHTO density and trim to level. | m3 | 90 | |
| | <u>Sub-base course:</u> | | | |
| 5 | 200mm Thick selected natural gravel (Type G6 from commercial sources) supplied by the Contractor and spread, level, water and compact to 95% modified AASHTO density and trim to level. | m3 | 120 | |
| | <u>Base course:</u> | | | |
| 6 | 125mm Thick selected natural gravel (Type G5 from commercial sources) supplied by the Contractor and spread, level, water and compact to 98% modified AASHTO density and trim to level. | m3 | 870 | |
| | <u>Stabilisation:</u> | | | |
| | Carried to Collection | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 2 ROADS, PARKING, ETC | | | |

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|----|---|----|-----|---|--|
| | <u>Chemical stabilisation extra-over unstabilized compacted layers:</u> | | | | |
| 7 | Chemical stabilization. | m3 | 90 | | |
| | <u>Chemical stabilising agent:</u> | | | | |
| 8 | Provision and application of water curing. | KL | 60 | | |
| 9 | Curing by covering the subsequent. | m2 | 800 | | |
| | <u>Compaction of surfaces:</u> | | | | |
| 10 | Compaction of ground surfaces under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density. | m2 | 90 | | |
| | <u>PAVING</u> | | | | |
| | <u>Concrete block paving composed of 80mm thick standard coloured interlocking precast concrete blocks bedded on and including 25mm thick bed of river sand:</u> | | | | |
| 11 | Paving to pavements, sidewalks, etc. to falls including any consequent cutting. | m2 | 400 | | |
| | <u>KERBS</u> | | | | |
| | <u>300 x 200mm Mountable concrete kerb (SABS 927 Fig. 8c) jointed and pointed in 5:1 cement mortar and bedded in concrete, including all angles, ends, excavation, concrete haunching, etc.:</u> | | | | |
| 12 | Laid straight. | m | 100 | | |
| | <u>200 x 150mm Mountable channel kerb (SABS 927 Fig. 8c) jointed and pointed in 5:1 cement mortar and bedded in concrete, including all angles, ends, excavation, concrete haunching, etc.:</u> | | | | |
| 13 | Laid straight. | m | 100 | | |
| | Carried to Collection | | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 2 ROADS, PARKING, ETC | | | | |

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|---|---|---|----|--|---|
| 14 | <u>180 x 280mm Mountable channel kerb (SABS 927 Fig. 7) jointed and pointed in 5:1 cement mortar and bedded in concrete, including all angles, ends, excavation, concrete haunching, etc.:</u> | | | | |
| | Laid straight. | m | 10 | | |
| | <u>300 x 200mm Mountable transition kerb (SABS 927 Fig. 7) jointed and pointed in 5:1 cement mortar and bedded in concrete, including all angles, ends, excavation, concrete haunching, etc.:</u> | | | | |
| 15 | Laid straight. | m | 10 | | |
| 16 | <u>Sundries</u> | | | | |
| | 20Mpa/19mm Concrete edge beam size 300 x 200mm deep finished smooth on all exposed surfaces to a uniform dense finish with one top corner having a 25 x 25mm chamfer with and including closed cell expanded polyethylene filler and polyurethane sealant expansion joints at 6m centres and saw cut construction joints and sealant at 2m centres including all necessary excavation, backfilling, cutting into paving, formwork, dowels, etc. | m | 20 | | |
| Carried to Collection | | | | | R |
| Section No. 3 EXTERNAL WORK Bill No. 2 ROADS, PARKING, ETC | | | | | |

| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 94 | |
| | | 95 | |
| | | 96 | |
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| Section No. 3 EXTERNAL WORK Bill No. 2 ROADS, PARKING, ETC | | | |
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| Item No | | Quantity | Rate | Amount |
|---|---|-----------------|-------------|---------------|
| | <u>SECTION NO. 3</u> | | | |
| | <u>BILL NO. 3</u> | | | |
| | <u>STORMWATER DRAINAGE, SOIL DRAINAGE & WATER SUPPLY</u> | | | |
| | <u>STORMWATER CHANNELS</u> | | | |
| | <u>Open channels</u> | | | |
| | <u>Supply and install complete, rate to include excavation and backfilling</u> | | | |
| 1 | Type 1 channel up to and including 1000mm. | m | 50 | |
| 2 | Gabion weirs and stone pitching. | No | 3 | |
| | <u>STORMWATER DRAINAGE</u> | | | |
| | <u>Class 100D concrete pipes with interlocking joints</u> | | | |
| 3 | 300mm Pipes laid in and including trenches not exceeding 1m deep. | m | 50 | |
| | <u>Inlet, outlet, transition and similar structures:</u> | | | |
| 4 | Single kerb inlets upstream and down stream transitions complete (excl. transitions). | No | 2 | |
| | <u>SUBSOIL DRAINAGE</u> | | | |
| Carried to Collection | | | | R |
| Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | | |

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|----|--|----|----|---|--|
| | <u>uPVC pressure piping to SABS 966 with solvent welded joints (Diameters given are outside diameters):</u> | | | | |
| 5 | 110mm Diameter Class 9 structured wall pipe laid in ground to falls on and including Class B bedding (SABS 1200LB) and selected fill blanket, including excavation in compacted earth 1000mm wide exceeding 1000mm but not exceeding 2000mm deep and backfilling to 95% modified AASHTO density in 150mm layers, including carting away surplus excavated material, risk of collapse, dewatering of trenches, etc. | m | 40 | | |
| 6 | Crushed Rock. | m3 | 14 | | |
| 7 | Bidim U16. | m2 | 96 | | |
| | <u>SOIL DRAINAGE</u> | | | | |
| | <u>Excavation</u> | | | | |
| 8 | Excavation in earth not exceeding 1m deep for pipe trenches. | m3 | 40 | | |
| 9 | Extra over excavation for pipe trenches, chambers, etc for compaction to 93% in road reserve. | m3 | 40 | | |
| 10 | Excavation in earth exceeding 1m and not exceeding 1,5m deep for pipe trenches. | m3 | 16 | | |
| 11 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in intermediate rock. | m3 | 12 | | |
| 12 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock. | m3 | 24 | | |
| | <u>Bedding</u> | | | | |
| 13 | Selected granular material in bedding under and filling around pipes. | m3 | 10 | | |
| 14 | Selected granular fill material in bedding under and filling around pipes. | m3 | 10 | | |
| | Carried to Collection | | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | | |

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|----|---|----|----|---|--|
| | <p><u>uPVC pressure piping to SABS 966 with solvent welded joints (Diameters given are outside diameters):</u></p> <p><u>Diameter Class 400 structured wall pipe laid in ground to falls on and including Class B bedding (SABS 1200LB) and selected fill blanket, including excavation in compacted earth 1000mm wide exceeding 1000mm but not exceeding 2000mm deep and backfilling to 95% modified AASHTO density in 150mm layers, including carting away surplus excavated material, risk of collapse, dewatering of trenches, etc.</u></p> | | | | |
| 15 | 110mm Diameter pipe. | m | 40 | | |
| 16 | 110mm Diameter pipe for CE. | m | 20 | | |
| 17 | 110mm Diameter pipe for House connection. | m | 20 | | |
| | <u>Extra on uPVC pipes for fittings:</u> | | | | |
| 18 | Y-Junction (160mm x 110mm). | No | 2 | | |
| 19 | 45° Bend. | No | 2 | | |
| 20 | Endcap. | No | 2 | | |
| 21 | 20Mpa Concrete in marker block size overall 200 x 100 x 1300mm high with 800mm projecting above ground all necessary excavation, formwork, etc. | No | 2 | | |
| | <u>Gulleys, etc.</u> | | | | |
| 22 | 110mm Diameter PVC dished gully, complete with necessary pipe, head, trap, gully surround, etc. not exceeding 1m deep. | No | 2 | | |
| | Carried to Collection | | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | | |

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|----|--|----|----|---|--|
| | <p><u>Excavate in earth for and including circular type precast concrete manhole formed of 1000mm diameter x 150mm thick 25Mpa concrete slab with manhole formed of 1000mm diameter (internally) precast concrete rings with joints sealed with bituminous putty with and including 1000mm diameter (internally) precast concrete reducer slab 150mm thick and precast concrete spacer rings 560mm diameter (internally) precast concrete cover slab 150mm thick with opening for and including heavy duty road type manhole cover and lockable frame as type 4 set in cement mortar and sealed in tallow and with 20Mpa concrete benching in bottom floated smooth with falls and finished on all exposed surfaces with 25mm thick granolithic with angles rounded including all necessary excavation, backfilling, carting away, risk of collapse, shoring, dewatering, concrete blinding, formwork, step irons, etc.:</u></p> | | | | |
| 23 | Manhole exceeding 1000mm and not exceeding 2000mm deep. | No | 2 | | |
| 24 | Encase pipeline in Grade 5 concrete. | m3 | 2 | | |
| | <u>WATER RETICULATION</u> | | | | |
| | <u>Excavation</u> | | | | |
| 25 | Excavation in earth not exceeding 1m deep for 450mm pipe trenches. | m3 | 65 | | |
| 26 | Excavation in earth exceeding 1m but not exceeding 1,5m deep for 450mm pipe trenches. | m3 | 20 | | |
| 27 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in intermediate rock. | m3 | 23 | | |
| 28 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock. | m3 | 12 | | |
| 29 | Extra over excavation for pipe trenches, chambers, etc for compaction to 93% in road reserve. | m3 | 12 | | |
| | Carried to Collection | | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | | |

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|----|--|----|-----|---|--|
| | <u>Bedding</u> | | | | |
| 30 | Selected granular material in bedding under and filling around pipes. | m3 | 8 | | |
| 31 | Selected granular fill material in bedding under and filling around pipes. | m3 | 8 | | |
| | <u>HDPE polyethelene Class 12 pipe with O-ring screw type fittings:</u> | | | | |
| 32 | 110mm Diameter Class 12 pipe laid in ground to falls on and including Class B bedding (SABS 1200LB) and selected fill blanket, including excavation in compacted earth not exceeding 1000mm deep and backfilling to 95% modified AASHTO density in 150mm layers, including carting away surplus excavated material, risk of collapse, dewatering of trenches, etc. | m | 400 | | |
| 33 | 50mm Diameter Class 12 pipe laid in ground to falls on and including Class B bedding (SABS 1200LB) and selected fill blanket, including excavation in compacted earth not exceeding 1000mm deep and backfilling to 95% modified AASHTO density in 150mm layers, including carting away surplus excavated material, risk of collapse, dewatering of trenches, etc. | m | 50 | | |
| 34 | 32mm Diameter Class 12 pipe laid in ground to falls on and including Class B bedding (SABS 1200LB) and selected fill blanket, including excavation in compacted earth not exceeding 1000mm deep and backfilling to 95% modified AASHTO density in 150mm layers, including carting away surplus excavated material, risk of collapse, dewatering of trenches, etc. | m | 50 | | |
| | <u>Extra on 50mm diameter HDPE pipe for:</u> | | | | |
| 35 | 90° x 110mm Bend. | No | 4 | | |
| 36 | 90° x 50mm Bend. | No | 4 | | |
| 37 | 45° x 110mm Bend. | No | 2 | | |
| 38 | 22,5° x 110mm Bend. | No | 2 | | |
| | Carried to Collection | | | R | |
| | Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | | |

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| 39 | 11,25° x 50mm Bend. | No | 2 | | | |
| | <u>Cast Iron (RSV) with socket ends for HDPE pipes:</u> | | | | | |
| 40 | 110 x 100mm tee. | No | 1 | | | |
| 41 | 50 x 50mm tee. | No | 1 | | | |
| 42 | 25mm Conex tee. | No | 2 | | | |
| 43 | 63 x 50mm Reducer. | No | 2 | | | |
| 44 | 50 x 40mm Reducer. | No | 2 | | | |
| 45 | 63mm Male adapter. | No | 2 | | | |
| 46 | 50mm Male adapter. | No | 2 | | | |
| 47 | 50mm End caps. | No | 1 | | | |
| 48 | 60mm End caps. | No | 5 | | | |
| 49 | 60mm Saddle. | No | 2 | | | |
| | <u>Concrete anchor blocks and pipe surrounds:</u> | | | | | |
| 50 | 20Mpa concrete in anchor or thrust blocks including additional excavation and all necessary formwork. | m3 | 5 | | | |
| | <u>Valves and hydrants:</u> | | | | | |
| 51 | 65mm Diameter "Woodlands" hydrant. | No | 6 | | | |
| 52 | 200mm Brass garden taps with hose connection. | No | 2 | | | |
| 53 | 25mm 1001/125RB full way gate valve. | No | 2 | | | |
| 54 | 110mm Diameter Gate valve. | No | 2 | | | |
| | <u>Sleeves</u> | | | | | |
| 55 | 110mm Diameter PVC sleeve pipe including 300 x 300mm concrete encased. | m | 6 | | | |
| | Carried to Collection | | | | | |
| | Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | R | | |

| COLLECTION | | Page No | Amount |
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| Section No. 3 EXTERNAL WORK Bill No. 3 STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER | | | |
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| Item No | | Quantity | Rate | Amount | |
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| | <u>SECTION NO. 3</u> | | | | |
| | <u>BILL NO. 4</u> | | | | |
| | <u>SCREEN WALLS, FENCING, ETC.</u> | | | | |
| | <u>SITE CLEARANCE</u> | | | | |
| | <u>Clearing & grubbing</u> | | | | |
| 1 | Excavate material up to 100mm deep and remove to disposal site. | m3 | 54 | | |
| | <u>EARTHWORKS</u> | | | | |
| | <u>Excavation in earth not exceeding 2m deep in:</u> | | | | |
| 2 | Bulk excavate and remove to disposal site. | m3 | 54 | | |
| | <u>FINANCIAL PROVISIONS</u> | | | | |
| | The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required. | | | | |
| 3 | Allow the amount of R1 350 000.00 (One Million Three Hundred and Fifty Thousand Rand) for brickwork boundary wall. | | Item | | |
| 4 | Allow the amount of R 44 000.00 (Forty Four Thousand Rand) for installation of access gates. | | Item | | |
| | Carried Forward to Summary of Section No. 3 | | | R | |
| | Section No. 3 | | | | |
| | EXTERNAL WORK | | | | |
| | Bill No. 4 | | | | |
| | SCREEN WALLS, FENCING, ETC | | | | |

| SECTION SUMMARY - EXTERNAL WORK | | Page No | | Amount | |
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| 2 | ROADS, PARKING, ETC | 97 | | | |
| 3 | STORMWATER DRAINAGE, SOIL DRAINAGE & SWATER SUPPLY | 104 | | | |
| 4 | SCREEN WALLS, FENCING, ETC | 105 | | | |
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| Item No | | Quantity | Rate | Amount |
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| | <p><u>BILL NO. 1</u></p> <p><u>PROVISIONAL SUMS</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></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><u>ALLOW THE FOLLOWING PROVISIONAL SUMS</u></p> <p><u>ELECTRICAL INSTALLATION</u></p> <p>1 Provide the amount of R2 214,912.00 (Two Million Two Hundred and Fourteen Thousand Nine Hundred and Twelve Rand) for electrical installation installed complete.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS</p> | | | |
| | | Item | | 2 214 912.00 |
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| 2 | Profit on above item. | | | % | | |
| 3 | Attendance on ditto. | | | % | | |
| <u>ELECTRICAL INSTALLATION TO EXTERNAL WORKS</u> | | | | | | |
| 4 | Provide the amount of R290,493.00 (Two Hundred and Ninety Thousand Four Hundred and Ninety Three Rand) for electrical installation to external works installed complete. | Item | | | 290 493.00 | |
| 5 | Profit on above item. | | | % | | |
| 6 | Attendance on ditto. | | | % | | |
| <u>AUDIO VISUAL</u> | | | | | | |
| 7 | Provide the amount of R5 110,000.00 (Five Million One Hundred and Ten Thousand Rand) for audio visual installed complete. | Item | | | 5 110 000.00 | |
| 8 | Profit on above item. | | | % | | |
| 9 | Attendance on ditto. | | | % | | |
| <u>EMERGENCY ELECTRICAL SUPPLY INSTALLATION</u> | | | | | | |
| 10 | Provide the amount of R619,852.00 (Six Hundred and Nineteen Thousand Eight Hundred and Fifty Two Rand) for emergency electrical supply installed complete. | Item | | | 619 852.00 | |
| 11 | Profit on above item. | | | % | | |
| 12 | Attendance on ditto. | | | % | | |
| Carried to Collection | | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | | |

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| <u>ELECTRIC FENCE</u> | | | | | |
| 13 | Provide the amount of R262,500.00 (Two Hundred and Sixty Two Thousand, Five Hundred Rand) for electric fence installed complete. | Item | | 262 500.00 | |
| 14 | Profit on above item. | | % | | |
| 15 | Attendance on ditto. | | % | | |
| <u>FIRE DETECTION</u> | | | | | |
| 16 | Provide the amount of R303,765.00 (Three Hundred and Three Thousand Seven Hundred and Sixty Five Rand) for fire detection installed complete. | Item | | 303 765.00 | |
| 17 | Profit on above item. | | % | | |
| 18 | Attendance on ditto. | | % | | |
| <u>ACCESS CONTROL</u> | | | | | |
| 19 | Provide the amount of R211,050.00 (Two Hundred and Eleven Thousand and Fifty Rand) for access control. | Item | | 211 050.00 | |
| 20 | Profit on above item. | | % | | |
| 21 | Attendance on ditto. | | % | | |
| <u>SUSPENDED FLOORING</u> | | | | | |
| 22 | Provide the amount of R260,000.00 (Two Hundred and Sixty Thousand Rand) for suspended flooring installed complete. | Item | | 260 000.00 | |
| 23 | Profit on above item. | | % | | |
| Carried to Collection | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | |

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| 24 | Attendance on ditto. | | | % | | |
| | <u>CONFERENCE SEATING</u> | | | | | |
| 25 | Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for conference seating installed complete. | Item | | | 200 000.00 | |
| 26 | Profit on above item. | | | % | | |
| 27 | Attendance on ditto. | | | % | | |
| | <u>ALUMINIUM INSTALLATIONS</u> | | | | | |
| 28 | Provide the amount of R450,000.00 (Four Hundred and Fifty Thousand Rand) for aluminium installations installed complete. | Item | | | 450 000.00 | |
| 29 | Profit on above item. | | | % | | |
| 30 | Attendance on ditto. | | | % | | |
| | <u>JOINERY INSTALLATION</u> | | | | | |
| 31 | Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for joinery installation installed complete. | Item | | | 200 000.00 | |
| 32 | Profit on above item. | | | % | | |
| 33 | Attendance on ditto. | | | % | | |
| | <u>WET SERVICES</u> | | | | | |
| 34 | Provide the amount of R490,940.00 (Four Hundred and Ninety Thousand, Nine Hundred and Forty Rand) for wet services installed complete. | Item | | | 490 940.00 | |
| | Carried to Collection | | | R | | |
| | Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | |

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| 35 | Profit on above item. | | | % | | |
| 36 | Attendance on ditto. | | | % | | |
| <u>HVAC INSTALLATION</u> | | | | | | |
| 37 | Provide the amount of R1 328,016.00 (One Million, Three Hundred and Twenty Eight Thousand and Sixteen Rand) for HVAC installed complete. | Item | | | 1 328 016.00 | |
| 38 | Profit on above item. | | | % | | |
| 39 | Attendance on ditto. | | | % | | |
| <u>GAS INSTALLATIONS</u> | | | | | | |
| 40 | Provide the amount of R131,250.00 (One Hundred and Thirty One Thousand, Two Hundred and Fifty Rand) for gas installations installed complete. | Item | | | 131 250.00 | |
| 41 | Profit on above item. | | | % | | |
| 42 | Attendance on ditto. | | | % | | |
| <u>KITCHEN AND COLD ROOM EQUIPMENT</u> | | | | | | |
| 43 | Provide the amount of R498,750.00 (Four Hundred and Ninety Eight Thousand Seven Hundred and Fifty Rand) for kitchen and cold room equipment installations installed complete. | Item | | | 498 750.00 | |
| 44 | Profit on above item. | | | % | | |
| 45 | Attendance on ditto. | | | % | | |
| Carried to Collection | | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | | |

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| <u>LIFT INSTALLATION</u> | | | | | |
| 46 | Provide the amount of R1 350,000.00 (One Million Three Hundred and Fifty Thousand Rand) for lift installation installed complete. | Item | | 1 350 000.00 | |
| 47 | Profit on above item. | | % | | |
| 48 | Attendance on ditto. | | % | | |
| <u>FIRE PROTECTION</u> | | | | | |
| 49 | Provide the amount of R340,500.00 (Three Hundred and Forty Thousand Five Hundred Rand) for fire protection installed complete. | Item | | 340 500.00 | |
| 50 | Profit on above item. | | % | | |
| 51 | Attendance on ditto. | | % | | |
| <u>LANDSCAPING</u> | | | | | |
| 52 | Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for landscaping installed complete. | Item | | 200 000.00 | |
| 53 | Profit on above item. | | % | | |
| 54 | Attendance on ditto. | | % | | |
| <u>CARPOT</u> | | | | | |
| 55 | Provide the amount of R135,000.00 (One Hundred and Thirty Five Thousand Rand) for carport installations installed complete. | Item | | 135 000.00 | |
| 56 | Profit on above item. | | % | | |
| Carried to Collection | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | |

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| 57 | Attendance on ditto. | | | % | | |
| <u>STRUCTURAL STEEL</u> | | | | | | |
| 58 | Provide the amount of R600,000.00 (Six Hundred Thousand Rand) for structural steel installed complete. | Item | | | 600 000.00 | |
| 59 | Profit on above item. | | | % | | |
| 60 | Attendance on ditto. | | | % | | |
| <u>PRECAST CONCRETE SEATING</u> | | | | | | |
| 61 | Provide the amount of R250,000.00 (Two Hundred and Fifty Thousand Rand) for Precast Concrete Seating installed complete. | Item | | | 250 000.00 | |
| 62 | Profit on above item. | | | % | | |
| 63 | Attendance on ditto. | | | % | | |
| <u>BUILT-IN BRAAI</u> | | | | | | |
| 64 | Provide the amount of R50,000.00 (Fifty Thousand Rand) for Built-in-Braai installed complete. | Item | | | 50 000.00 | |
| 65 | Profit on above item. | | | % | | |
| 66 | Attendance on ditto. | | | % | | |
| <u>RESTORATION OF HERITAGE WALL</u> | | | | | | |
| 67 | Provide the amount of R50,000.00 (Fifty Thousand Rand) for Restoration of Heritage Wall installed complete. | Item | | | 50 000.00 | |
| 68 | Profit on above item. | | | % | | |
| Carried to Collection | | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | | |

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|---|--|------|--|---|------------|--|
| 69 | Attendance on ditto. | | | % | | |
| <u>RETAINING WALL REFURBISHMENT</u> | | | | | | |
| 70 | Provide the amount of R70,000.00 (Seventy Thousand Rand) for Retaining Wall Refurbishment complete. | Item | | | 70 000.00 | |
| 71 | Profit on above item. | | | % | | |
| 72 | Attendance on ditto. | | | % | | |
| <u>FLAG POLES</u> | | | | | | |
| 73 | Provide the amount of R50,000.00 (Fifty Thousand Rand) for Flag Poles installed complete. | Item | | | 50 000.00 | |
| 74 | Profit on above item. | | | % | | |
| 75 | Attendance on ditto. | | | % | | |
| <u>TRANSMISSION BOOTH</u> | | | | | | |
| 76 | Provide the amount of R150,000.00 (One Hundred and Fifty Thousand Rand) for Transmission Booth installed complete. | Item | | | 150 000.00 | |
| 77 | Profit on above item. | | | % | | |
| 78 | Attendance on ditto. | | | % | | |
| <u>BLACKOUT BLINDS</u> | | | | | | |
| 79 | Provide the amount of R120,000.00 (One Hundred and Twenty Thousand Rand) for Blackout Blinds installed complete. | Item | | | 120 000.00 | |
| 80 | Attendance on ditto. | | | % | | |
| Carried to Collection | | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | | |

| | | | | | | |
|--|--|------|--|---|------------|--|
| 81 | Profit on above item. | | | % | | |
| <u>EXTERNAL DROP DOWN BLINDS</u> | | | | | | |
| 82 | Provide the amount of 50,000.00 (Fifty Thousand Rand) for External Drop Down Blinds installed complete. | Item | | | 50 000.00 | |
| 83 | Attendance on ditto. | | | % | | |
| 84 | Profit on above item. | | | % | | |
| <u>BETAFENCE INSTALLATION</u> | | | | | | |
| 85 | Provide the amount of R 990,000.00 (Nine Hundred and Ninety Thousand Rand) for Betafence installed complete. | Item | | | 990 000.00 | |
| 86 | Attendance on ditto. | | | % | | |
| 87 | Profit on above item. | | | % | | |
| <u>FINANCIAL PROVISIONS</u> | | | | | | |
| The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required. | | | | | | |
| 88 | Allow the amount of R 550 000.00 (Five Hundred and Fifty Thousand Rand) for removal of asbestos. | Item | | | | |
| 89 | Allow the amount of R 200 000.00 (Two Hundred Thousand Rand) for Fire escape. | Item | | | | |
| Carried to Collection | | | | | R | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | | | | |

| COLLECTION | | Page No | Amount |
|---|--|---------|--------|
| Total Brought Forward from Page No. | | 107 | |
| | | 108 | |
| | | 109 | |
| | | 110 | |
| | | 111 | |
| | | 112 | |
| | | 113 | |
| | | 114 | |
| | | 115 | |
| Carried to Final Summary | | | |
| | | | |
| | | | |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS | | | |
| | | | |

| Section No | CLINIC SUMMARY | Page No | | Amount | |
|------------|--|---------|---|--------|--|
| 1 | PRELIMINARIES | 25 | | | |
| 2 | BUILDING WORK | 92 | | | |
| 3 | EXTERNAL WORK | 106 | | | |
| 4 | PROVISIONAL SUMS | 116 | | | |
| | Sub-Total | | R | | |
| | CONTINGENCY | | | | |
| | Budgetary Allowance | | R | | |
| | SUBTOTAL | | R | | |
| | Value Added Tax (15%) | | R | | |
| | Total | | R | | |
| | Total Excluding VAT Carried to Final Summary Page | | R | | |