



SAFE BATCH 5 PROGRAMME

BILLS OF QUANTITIES

FOR THE PROPOSED

COMPLETION OF WORK

At

WITTEBERGEN COLLEGE SENIOR PRIMARY SCHOOL

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SECTION NO. 1
PRELIMINARIES

Amount

SECTION NO. 1

PRELIMINARIES

BILL NO. 1

PRELIMINARIES

1. The Principal Building Agreement shall be the JBCC Series Edition 4.1, March 2005 as recommended by the Joint Building Contracts Committee and as amended by this Tender Enquiry.
2. The Preliminaries shall be JBCC Series 2000, May 2005 for use with the Principal Building Agreement as recommended by the joint Building Contracts Committee and as amended by this Tender Enquiry shall be deemed to be incorporated herein.
3. The tenderor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause. The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only.
4. Where standard clauses or alternatives are not entirely applicable to this contract, such modifications, corrections or additions as are necessary, are given as far as possible under each relevant clause heading. Additional Preliminary clauses are contained in Section C hereof.
5. No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items which are fully described when read in conjunction with the relevant clauses of the said Principal Building Agreement, Preliminaries and Preambles.
6. The Tenderers shall allow opposite each of the clauses whatever costs and charges he may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein. Only priced items will be considered in respect of any adjustment of this Section. Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.
7. Where modifications or amendments as described are made, such modifications and/or amendments shall supercede any conflicting provisions in the relevant clauses of the Standard Preliminaries or the Principal Building Agreement and the Tenderer shall make due allowance for whatever costs and charges he may consider necessary for the carrying out and observance of the provisions of the clauses as modified and/or amended.
8. Where any item is not relevant to this specific contract, such item is marked N/A.
9. If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries, each item priced is to be allocated to one or more of the three categories by insertion of "F", "V", "T" as the case may be against the price in the "rate" column immediately preceding the "amount" column, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value, and "T" denotes an amount proportionate to time.

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

DEFINITIONS

A1 DEFINITIONS AND INTERPRETATION

Clause 1.0:

1 Fixed: _____ Value related: _____ Time related: _____ 0
 F: V: T:

Item

OBJECTIVE AND PREPARATION

A2 OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

2 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A3 DOCUMENTS

Clause 3.0

Clause 3.1 is deleted and substituted with: 'This tender is for a Government Contract. No Payment Guarantee will be provided.'

Clause 3.3 is deleted and substituted with:

The principal agent shall complete the schedule and arrange for formal signing of the agreement once the priced bill of quantities/lump sum document, security, insurances and waiver of lien, where acceptable, have been provided and effected'

3 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A4 DESIGN RESPONSIBILITY

Clause 4.0

4 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A5 EMPLOYERS AGENTS

Clause 5.0

5 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A6 SITE REPRESENTATIVE

Clause 6.0

6 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A7 COMPLIANCE WITH REGULATIONS

7 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

8 **Clause 7.0**
 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A8 WORKS RISK

9 **Clause 8.0**
 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A9 INDEMNITIES

Clause 9.0

Clause 9.1.1 is deleted and substituted with:

Claims from other parties consequent upon death of bodily injury or illness of any person or physical loss or damage to any property, other than the works, arising out or due to the execution of the works or occupation of the site by the contractor or his sub contractors'.

10 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A10 WORKS INSURANCES

Clause 10.0

11 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A11 LIABILITY INSURANCES

Clause 11.0

12 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A12 EFFECTING INSURANCES

Clause 12.0

13 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A13. No clause

14 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A14 SECURITY

Clause 14.0

15 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

EXECUTION

A15 PREPERATION FOR AND EXECUTION OF THE WORKS

Clause 15.0

16 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A16 ACCESS TO THE WORKS

Clause 16.0

17 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A17 CONTRACT INSTRUCTIONS

Clause 17.0

18 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A18 SETTING OUT OF THE WORKS

Clause 18.0

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. Should incorrect information be given to the contractor in terms of 18.1 and 18.2, which causes the incorrect setting out of the works, the contractor shall not be liable for such incorrect setting out

19 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A19 ASSIGNMENT

Clause 19.0

20 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A20 NOMINATED SUB-CONTRACTORS

Clause 20.0

21 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A21 SELECTED SUBCONTRACTORS

Clause 21.0

22 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

A22 EMPLOYER'S DIRECT CONTRACTORS

Clause 22.0

23 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A23 CONTRACTOR'S DOMESTIC SUBCONTRACTORS

Clause 23.0

24 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

COMPLETION

A24 PRACTICAL COMPLETION

Clause 24.0

25 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A25 WORK'S COMPLETION

Clause 25.0

26 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A26 FINAL COMPLETION

Clause 26.0

27 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A27 LATENT DEFECTS LIABILITY PERIOD

Clause 27.0

Clause 27.0 is amended by the addition of the following clauses:

"27.3 Any water leakage into the building, whether in the roof, external wall or other element of the building susceptible to water leakage shall, unless proven to be a design defect, or as a result of obvious storm damage, be classified as a latent defect in terms of clause 1.0 Definitions and Interpretations".

"27.4 The Contractor shall attend to defects during the Defects Liability Period on a progressive basis, to the satisfaction of the Principal Agent and will not be permitted to wait until the end of the Defect Liability Period or until the amount of defects accumulates in order to attend to a comprehensive list of defects"

28 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A28 SECTIONAL COMPLETION

Clause 28.0

29 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

A29 REVISION OF DATE FOR PRACTICAL COMPLETION

Clause 29.0

30 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A30 PENALTY FOR NON-COMPLETION

Clause 30.0

31 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

PAYMENT

A31 INTERIM PAYMENT TO THE CONTRACTOR

Clause 31.0

The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.3 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank.

Where prices are submitted by the contractor or nominated/selected sub-contractor 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 certificate, it will be in writing.

32 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A32 ADJUSTMENT TO THE CONTRACT VALUE

Clause 32.0

33 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A33 RECOVERY OF EXPENSE AND LOSS

Clause 33.0

34 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A34 FINAL ACCOUNT AND FINAL PAYMENT

Clause 34.0

35 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

A35 PAYMENT TO OTHER PARTIES

Clause 35.0

36 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

CANCELLATION

A36 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT

Clause 36.0

37 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A37 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE

Clause 37.0

38 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A38 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT

Clause 38.0

39 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

A39 CANCELLATION - CESSATION OF THE WORKS

Clause 39.0

40 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

DISPUTE

A40 DISPUTE SETTLEMENT

Clause 40.0

41 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

SUBSTITUTE PROVISIONS

A41 STATE CLAUSES

Clause 41.0

42 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

CONTRACT VARIABLES

THE SCHEDULE (C1.2 CONTRACT DATA)

A42 PRE-TENDER INFORMATION

Clause 42.0

Tenderers are referred to the document C1.2 Contract Data for variables pertaining to this contract.

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

43 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

SECTION B: JBCC PRELIMINARIES

B1.0 DEFINITIONS AND INTERPRETATION

B1.1 Definitions and interpretation

44 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.0 DOCUMENTS

B2.1 Checking of documents

Notwithstanding the issue of the tender drawings, it will remain the responsibility of the Tenderer to study all available drawings at the offices of the Principal Agent during normal working hours in order to acquaint himself with all the cost implications of the design, programming, phasing, etc.

45 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.2 Provisional bills of quantities

Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, etc., contained herein may be omitted or reduced at the Principal Agent's sole discretion and the Contractor shall not be entitled to claim for any loss by way of reduction or omission of any discount, or percentage relating to Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, Provisional Quantities, etc., or loss of profit related thereto.

46 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.3 Availability of construction documentation

47 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.4 Interests of agents

48 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.5 Priced documents

49 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

B2.6 Tender submission

Notwithstanding anything contained in this clause, Tenders shall be valid for a period of 20 (Twenty) weeks from the closing date of tenders.

50 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Carried to Collection

R

Section No. 1
Bill No. 1
Preliminaries

Amount

B3.0 THE SITE

B3.1 Defined works area

The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site.

Workmen employed on the site are to be restricted to the immediate area of the site and access thereto.

The Tenderer shall make all necessary provision in all rates to take into account these requirements as no claims for extras arising from these matters will be subsequently entertained or admitted.

51 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.2 Geotechnical investigation

52 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.3 Inspection of the site

53 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.4 Existing premises occupied

54 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.5 Previous work - dimensional accuracy

55 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.6 Previous work - defects

56 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.7 Services - known

57 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.8 Services - unknown

58 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.9 Protection of trees

59 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B3.10 Articles of value

60 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

B3.11 Inspection of adjoining properties
 61 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B4.0 MANAGEMENT OF CONTRACT

B4.1 Management of the works

62 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B4.2 Programme for the works

63 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B4.3 Progress meetings

64 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B4.4 Technical meetings

65 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B4.5 Labour and plant records

66 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS

B5.1 Samples of materials

67 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B5.2 Workmanship samples

68 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B5.3 Shop drawings

69 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B5.4 Compliance with manufacturers instructions

70 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B6.0 TEMPORARY WORKS AND PLANT

B6.1 Deposits and fees

71 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

B6.2 Enclosure of the works

The contractor shall erect, maintain and remove at completion, hoardings, safety screens, barriers, access gates, covered gangways and the like as necessary for the enclosure of the works and elements thereof all for the protection of the public and others.

72 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B6.3 Advertising

73 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B6.4 Plant, equipment, sheds and offices

74 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B6.5 Main notice board

75 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B6.6 Subcontractors' notice board

76 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B7.0 TEMPORARY SERVICES

B7.1 Location

77 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B7.2 Water

The contractor shall provide water for the works in accordance with:
 Alternative A (i.e. to be provided for by the Contractor).

78 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B7.3 Electricity

The contractor shall provide electricity for the works in accordance with:
 Alternative A (i.e. to be provided for by the Contractor).

79 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

B7.4 Telecommunication facilities

The contractor shall provide telephones on site for the works in accordance with:
 Alternative A (i.e. to be provided for by the Contractor).

80 Fixed: _____ Value related: _____ Time related: _____
 F: V: T:

Item

Carried to Collection

R

Section No. 1
 Bill No. 1
 Preliminaries

Amount

	<p><u>B7.5 Ablution facilities</u></p>		
	<p>The contractor shall provide toilet facilities on site for the works in accordance with:</p>		
	<p>Alternative A (i.e. to be provided for by the Contractor).</p>		
81	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B8.0 PRIME COST AMOUNTS</u></p>		
	<p><u>B8.1 Responsibility for prime cost amounts</u></p>		
82	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>9.0 ATTENDANCE ON N/S SUBCONTRACTORS</u></p>		
	<p><u>B9.1 General attendance</u></p>		
83	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B9.2 Special attendance</u></p>		
84	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B9.3 Commissioning - fuel, water and electricity</u></p>		
85	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B10.0 FINANCIAL ASPECTS</u></p>		
	<p><u>B10.1 Statutory taxes, duties and levies</u></p>		
86	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B10.2 Payment for preliminaries</u></p>		
87	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B10.3 Adjustment of preliminaries</u></p>		
88	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B10.4 Payment certificate cash flow</u></p>		
89	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p><u>B11. GENERAL</u></p>		
	<p><u>B11.1 Protection of the works</u></p>		
90	<p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	
	<p>F: V: T:</p>		
	<p>Carried to Collection</p>	R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

Amount

	<u>B11.2 Protection / isolation of existing / sectionally occupied works</u>	
91	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.3 Security of the works</u>	
92	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.4 Notice before covering work</u>	
93	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>11.5 Disturbance</u>	
94	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.6 Environmental disturbance</u>	
95	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.7 Works cleaning and clearing</u>	
96	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.8 Vermin</u>	
97	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.9 Overhand work</u>	
98	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.10 Instruction manuals and guarantees</u>	
99	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.11 As built information</u>	
100	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item
	<u>B11.12 Tenant installations</u>	
101	Fixed: _____ Value related: _____ Time related: _____ F: V: T:	Item

SECTION C: SPECIFIC PRELIMINARIES

Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item.

Carried to Collection

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Amount

C1 CONTRACT DRAWINGS

The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed. Should any part of the drawings not be clearly intelligible to the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent.

102 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C2 GENERAL PREAMBLES

The document "Specification of Materials and Methods to be used (PW371)" is obtainable on request from the head office and all regional offices of the Department, and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used.

103 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C3 PROPRIETARY BRANDED PRODUCTS

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 consultation with the manufacturer's authorised representative.

All materials, fittings, finishings, etc., specified hereinafter under a trade name, catalogue number or reference, must be exactly as described. The Architect's approval in writing must be obtained for the use of any alternative to the specification before the submission of tenders otherwise the specified materials, fittings, finishings, etc., will be assumed to have been allowed for in the tender.

The Contractor must take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorised representative.

104 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C4 CONTRACTOR'S RESPONSIBILITY

The Employer, the Principal Agent and the other professional consultants shall not be responsible for any act or omission on the part of the Contractor which may result in any patent or latent defects, in materials or workmanship, breach or neglect of any local regulations. The Contractor shall at all times be responsible for any such neglect, deviation or wrong act, whether the same is discovered before or after the final certificate, or any other Certificate, has been approved

105 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

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C5 OVERTIME

Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.

106 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C6 AS BUILT DRAWINGS

The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.

Three full sets of as-built drawings shall be submitted to the Principal Agent no later than fourteen days after practical completion

107 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C7 CONTRACT INSTRUCTIONS

Contract 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. The Contractor shall supply and have available at the site of the works at all times, the following site books:

a) Contract Instruction Book

Receiving and recording instructions in a suitable A4 size triplicate book kept on site. Instructions issued shall be recorded by the Architect or other Employer's Agents to whom the Architect has delegated authority to in the book.

Only instructions issued in such book shall be recognised.

b) Daily Record Book

The Contractor shall record in triplicate in a suitable A4 size triplicate book kept at the site, a daily record of work done, all site visits by the Principal Agent and other professional personnel and all events affecting the Works, such as progress, issue of plans, breakdown of machinery, etc. The labour, plant and material on site shall be recorded as well as work performed. Entries must be made by the Contractor and must be signed and forwarded to the Principal Agent for his counter-signature on a daily basis. Copies of these records shall be for the Architect, Quantity Surveyor and Contractor.

108 Fixed: _____ Value related: _____ Time related: _____

F: V: T:

Item

C8 LABOUR RECORD

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day

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109 F: V: T: Item

F: V: T:

C9 PLANT RECORD

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

110 F: V: T: Item

F: V: T:

C10 ENCROACHMENT

During the course of the building operations, the Contractor shall be held entirely responsible for any encroachment onto any adjoining properties, buildings, etc., or servitudes and the cost of any remedial measures as required by the Principal Agent shall be borne by the Contractor

111 F: V: T: Item

F: V: T:

C11 METHOD STATEMENT

The Tenderer shall produce, when required to do so by the Principal Agent, a Method Statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the Works. Any approval given or observation made by the Principal Agent shall not relieve the Contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the Works.

112 F: V: T: Item

F: V: T:

C12 UNAUTHORISED PERSONS/WORKMEN ON PREMISES

The Contractor shall at all times strictly exclude all unauthorised persons from the Works and the site and shall set up notice boards to that effect.

No workmen or labourers (except security guards) are to be allowed under any circumstances to sleep or deposit any kit on the premises. The Contractor must provide any necessary independent shelter or shed required for any labour or watchmen on site, to the approval of the Employer.

113 F: V: T: Item

F: V: T:

C13 MODE OF PROCEDURE

Notwithstanding anything to the contrary contained herein the Principal Agent at all times reserves the right to direct the order in which the various parts of the Contract are to be executed. The Contractor shall give priority to any individual section or portion of the Works that, in the opinion of the Principal Agent, requires to be expedited.

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Should it appear, in the Principal Agent's opinion, that work in any area is not being executed in accordance with the requirements of the Contract Programme, the Contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the Principal Agent and to the Contractor's cost

114 F: V: T: Item

F: V: T:

C14 LOCATION OF TEMPORARY BUILDINGS AND TEMPORARY SERVICES

The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding and services, hoardings, dust screens, tunnelling, etc., required for his own and sub-contractors use during the construction and maintenance period

There is no guarantee given or implied that Site conditions will be such that the Contractor will be able to erect such temporary works, roads, hardhats, offices, stores and temporary accommodation within the site boundaries and it shall be the Contractor's responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith

115 F: V: T: Item

F: V: T:

C15 OFFICE ACCOMMODATION

The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]

116 F: V: T: Item

F: V: T:

C16 STORAGE FACILITIES

The Contractor shall provide a Container for storage of materials.

117 F: V: T: Item

F: V: T:

C17 REMOVAL AND MAKING GOOD OF TEMPORARY WORKS, ETC, ON COMPLETION

The Contractor shall remove (except where specifically stated otherwise) all temporary works, roads, services and the like used for this contract and shall make good to the entire satisfaction of the Principal Agent any damage resulting therefrom.

118 F: V: T: Item

F: V: T:

BUILDING AGREEMENT AND PRELIMINARIES

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Preliminaries

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PRELIMINARIES
BILL NO. 1
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HEALTH AND SAFETY
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Health And Safety

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PRELIMINARIES

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SECTION NO. 2
BUILDERS WORK

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDERS WORK</u> <u>BILL NO. 1</u> <u>DEMOLITIONS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>General</u></p> <p>Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent</p> <p><u>DEMOLITIONS</u></p> <p><u>Demolishing including removing all materials arising from demolitions to a dumpsite to be located by the contractor</u></p>				
1	No	1		
2	No	1		
Carried to Collection			R	
Section No. 2				
Bill No. 1				
Demolitions				

Amount

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BUILDERS WORK
BILL NO. 1
DEMOLITIONS
COLLECTION

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Section No. 2
Bill No. 1
Demolitions

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDERS WORK</u> <u>BILL NO. 2</u> <u>ALTERATIONS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He shall provide proper protection and provide , erect and remove when directed , any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent</p> <p>Doors, fanlights, windows, fittings, frames, linings, etc which are to remain the property of the employer shall be carefully taken out, temporarily stored, transported over a distance of approximately 0.5km to store and handed over to the employer</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Breaking up and removing reinforced concrete</u></p>				
1	No	9		
2	m ²	4		
3	m ²	4		
			Carried to Collection	
Section No. 2				
Bill No. 2				
Alterations				
			R	

	Unit	Quantity	Rate	Amount
<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc., setting aside for re-use and later refixing in similar new position</u>				
4	Timber single door and frame 0.90 x 2.0m high overall including setting aside door and ironmongery and later rehanging on new door frame	No	1	
5	Timber single door 0.813 x 2.03m high overall from timber frames	No	2	
<u>Taking out and removing sundry joinery work, fittings, etc</u>				
6	Timber formwork to toilet pit slabs	m ²	14	
<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>				
7	30 mm Granolithic from floors	m ²	97	
<u>Taking out and removing piping, including cutting off as necessary, holderbats and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
8	Polycop piping not exceeding 50mm internal diameter	m	24	
<u>Taking out/off and removing glass and mirrors</u>				
9	Glass from aluminium windows with beads, including cleaning out rebates and preparing for new glass	m ²	2	
<u>CUTTING THROUGH FLOORS AND CEILINGS</u>				
<u>Cutting through:</u>				
10	255mm Thick unreinforced floor slab for 450mm external diameter pipe and making good concrete (making good floor finishes elsewhere)	No	6	
<u>BUILDING UP OPENINGS</u>				
<u>Brickwork in NFP bricks in class II mortar in building up openings</u>				
11	One brick walls	m ²	24	
<u>Sundries</u>				
12	Cutting toothings and bonding new brickwork to existing	m	8	
			Carried to Collection	
Section No. 2				
Bill No. 2				
Alterations				
			R	

	Unit	Quantity	Rate	Amount
<u>Rustgold FBS/Qunu Travertine clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2 (Cement to be 42.5N all-purpose cement):</u>				
13	m ²	48		
14	m	8		
<u>MAKING GOOD OF FINISHES ETC</u>				
<u>Internal cement plaster</u>				
15	m ²	6		
<u>MAKING GOOD OF EXISTING WORK</u>				
<u>Making good rainwater tanks</u>				
16	m	80		
<u>Making good existing sanitary fittings hung on walls</u>				
17	No	12		
18	No	1		
19	No	4		
<u>Making good existing roof structure</u>				
20	No	55		
21	m	32		
<u>Making good existing timber doors</u>				
22	No	2		
<u>Making good aluminium casement windows</u>				
23	No	16		
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BUILDERS WORK
BILL NO. 2
ALTERATIONS
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Bill No. 2
Alterations

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDERS WORK</u> <u>BILL NO. 4</u> <u>CARPENTRY AND JOINERY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities</p> <p><u>Fixing</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as bolted, the bolts have been given elsewhere</p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>DOORS ETC</u></p> <p><u>Wrought meranti doors</u></p> <p>1 44mm Framed, ledged, and battened single door with flush ply panel internally size 813 x 2032mm high comprising 44 x 110mm top rail and stiles, 44 x 220mm bottom rail, 44 x 150mm lock rail and 22 x 70mm vertical 'v' jointed boards (D1).</p> <p><u>FRAMED FRAMES, MULLIONS, TRANSOMS, ETC</u></p> <p><u>Wrought meranti frames bolted to walls with expanding masonry bolts - four per style including quadrant beads on both sides:</u></p> <p>2 70 x 108mm Rebated and angle rounded frames</p>				
	No	1		
	m	5		
	Carried To Section Summary			R
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Bill No. 4				
Carpentry And Joinery				

	Unit	Quantity	Rate	Amount
<u>SECTION NO. 2</u>				
<u>BUILDERS WORK</u>				
<u>BILL NO. 5</u>				
<u>IRONMONGERY</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities				
<u>IRONMONGERY</u>				
<u>Manufactured by 'Dorma'</u>				
1	No	4		
Dorma DPH301B or equal approved Stainless Steel Straight Tubular Pull handle flange fixing.				
<u>HINGES, BOLTS, ETC</u>				
<u>Manufactured by Dorma</u>				
2	No	2		
75 x 100mm Brass medium duty ball bearing HMP butt hinges.				
<u>LOCKS</u>				
3	No	1		
90mm Padlock for external use				
<u>Manufactured by 'Union'</u>				
4	No	1		
UNION 2277-78SS or equal approved three lever sash mortice lockset.				
5	No	3		
UNION w/c indicator bolt satin chrome - Code CZ80941SC				
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Bill No. 5				
Ironmongery				
			R	

	Unit	Quantity	Rate	Amount
<u>Curing, seasoning and protection</u>				
Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying				
<u>GRANOLITHIC</u>				
<u>Untinted granolithic, on concrete</u>				
1	m ²	97		
2	m	208		
Carried to Collection			R	
Section No. 2 Bill No. 7 Plastering				

Amount

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BUILDERS WORK
BILL NO. 7
PLASTERING
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Section No. 2
Bill No. 7
Plastering

		Unit	Quantity	Rate	Amount
<u>TRAPS ETC</u>					
<u>Traps, etc</u>					
5	40mm Rubber P or S trap	No	14		
<u>TAPS, VALVES, ETC</u>					
<u>Taps, Valves, etc</u>					
6	15mm Brass fullway isolating ball valve with lever handle	No	3		
7	Cobra KM2-200 or other approved 15mm chrome plated demand pillar tap with non-hold open feature and flow controller.	No	12		
<u>SANITARY PLUMBING</u>					
<u>PVC-U soil and vent pipes</u>					
8	110mm Vent pipes	m	5		
<u>Extra over PVC-U soil and vent pipes for fittings</u>					
9	Anti dust 20 blade Toilet/ sewer ventilator (whirly bird) with silent operation to fit 110mm pipe.	No	6		
<u>WATER SUPPLIES</u>					
<u>Class 10 Polycop pipes:</u>					
10	15mm Pipes	m	27		
11	22mm Pipes	m	4		
<u>Extra over polycop pipes for brass compression fittings</u>					
12	15mm Fittings	No	16		
13	22mm Fittings	No	4		
Carried to Collection					R
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Bill No. 8					
Plumbing And Drainage					

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BUILDERS WORK
BILL NO. 8
PLUMBING AND DRAINAGE
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Bill No. 8
Plumbing And Drainage

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<u>BUILDERS WORK</u>				
<u>BILL NO. 10</u>				
<u>PAINTWORK</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<p>The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities</p>				
<u>PREPARATORY WORK TO EXISTING WORK</u>				
<p>Previously painted plastered surfaces Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p>Previously painted wood surfaces Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</p>				
<u>PAINTWORK</u>				
<u>ON PVC SURFACES</u>				
<u>Two coats black gloss enamel paint on</u>				
1	Pipes of 400mm girth	m	83	
<u>ON NEW WOOD SURFACES</u>				
<u>Two coats carbolenium on</u>				
2	Exposed roof timbers	m	56	
<u>Two coats wood primer on</u>				
3	Backs of frames, linings, etc not exceeding 300mm wide	m	5	
<u>Three coats superior quality polyurethane suede varnish</u>				
4	Doors	m ²	4	
5	Door frames etc	m ²	1	
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Paintwork				
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8	PLUMBING AND DRAINAGE	42
9	GLAZING	43
10	PAINTWORK	44

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SECTION NO. 3
EXTERNAL WORKS

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<u>SECTION NO. 3</u>				
<u>EXTERNAL WORKS</u>				
<u>BILL NO. 2</u>				
<u>WALKWAYS</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities				
<u>Testing of material and filling</u>				
Descriptions of earth filling, compaction, etc shall be deemed to include for all necessary testing required in accordance with the SABS 1200 series				
<u>REMOVAL OF EXISTING WORK</u>				
<u>Breaking up and removing pavings and kerbs</u>				
1	Brick pavings with Fig 8 precast kerbs	m ²	17	
<u>ROADWORK, PARKING AREAS AND PAVING</u>				
<u>Excavation in earth</u>				
2	Not exceeding 2m deep over site between buildings, retaining walls, etc to reduce levels and dispose in prescribed stock piles on site	m ³	4	
<u>Extra over bulk excavation in earth for excavation in</u>				
3	Soft rock	m ³	1	
4	Hard rock	m ³	1	
<u>Extra over all excavations for carting away</u>				
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	4	
<u>Keeping excavations free of water</u>				
6	Keeping excavations free of water other than subterranean water	Item		
<u>Compaction of surfaces</u>				
7	Compaction of ground surface s under parking areas etc by wetting and compacting with 12 passes of a 3-sided 25 kilo Joule high energy impact compactor	m ²	25	
			Carried to Collection	R
Section No. 3				
Bill No. 2				
Walkways				

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EXTERNAL WORKS
BILL NO. 2
WALKWAYS
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Section No. 3
Bill No. 2
Walkways

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<u>EXTERNAL WORKS</u>				
<u>BILL NO. 3</u>				
<u>GARDEN WALLS</u>				
<u>PREAMBLES</u>				
The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities				
<u>EARTHWORKS (PROVISIONAL)</u>				
<u>Excavate in pickable material not exceeding 2m deep below natural or reduced ground level:</u>				
1	Surface trenches.	m ³	4	
<u>Extra over excavation in pickable material for column bases, trenches, lift pits, sumps, etc for excavation:</u>				
2	Soft rock.	m ³	1	
3	Hard rock.	m ³	1	
4	Allow for risk of collapse to sides of excavations to column bases, trenches, etc. from ground level to not exceeding 1,5m deep.	m ²	11	
5	Allow for keeping excavations entirely free from water or mud.	Item		
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 98% Mod AASHTO density</u>				
6	Backfilling to trenches, holes, etc.	m ³	1	
7	Scarify in-situ material for a depth of 150mm and compact to obtain 98% modified AASHTO dry density.	m ²	5	
<u>CONCRETE, FORMWORK & REINFORCEMENT</u>				
<u>25MPa Mass concrete in:</u>				
8	Wall footings cast against excavated surfaces.	m ³	2	
			Carried to Collection	R
Section No. 3				
Bill No. 3				
Garden Walls				

Amount

SECTION NO. 3
EXTERNAL WORKS
BILL NO. 3
GARDEN WALLS
COLLECTION

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Section No. 3
Bill No. 3
Garden Walls

		Unit	Quantity	Rate	Amount
<u>REINFORCEMENT (CPAP WORK GROUP NO. 114)</u>					
<u>Fabric reinforcement</u>					
18	Type 617 fabric reinforcement in concrete dish drains etc	m ²	61		
<u>GABIONS AND INTERLOCKING BLOCK WATER DISSIPATING STRUCTURES</u>					
<u>Gabions of galvanised wire boxes laced together and filled with broken stone including excavations and carting away excavated materials</u>					
19	300mm Stormwater dissipators of 2.7 x 0.8 x 0,3m mattresses	No	6		
20	Geofabric filter blanket wrapped around stone with 150mm side and 300mm end laps, including stitching.	m ²	26		
Carried to Collection					R
Section No. 3					
Bill No. 4					
V Drains					

Amount

SECTION NO. 3
EXTERNAL WORKS
BILL NO. 4
V DRAINS
COLLECTION

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Section No. 3

Bill No. 4

V Drains

	Unit	Quantity	Rate	Amount
<u>SECTION NO. 3</u>				
<u>EXTERNAL WORKS</u>				
<u>BILL NO. 5</u>				
<u>CONCRETE PAVING</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
The Tenderer is referred to the relevant Clause in the separate document Model Preambles for Trades (1999 Edition) published by the Association of South African Quantity Surveyors, the document "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition July 2014) and the Supplementary Preambles which are incorporated in these Bills of Quantities				
<u>EARTHWORKS (PROVISIONAL)</u>				
<u>Excavate in pickable material not exceeding 2m deep below natural or reduced ground level:</u>				
1				
Reduce levels under pavings.	m ³	1		
2				
Allow for keeping excavations entirely free from water or mud.	Item			
3				
Scarify in-situ material for a depth of 150mm and compact to obtain 95% modified AASHTO dry density.	m ²	5		
<u>Earth filling (G7 material) supplied by the contractor, compacted to 95% Mod AASHTO density</u>				
4				
Under floors, steps, pavings, etc.	m ³	1		
<u>CONCRETE, FORMWORK & REINFORCEMENT</u>				
<u>25MPa Mass concrete in:</u>				
5				
Pavings	m ³	1		
<u>Sundries:</u>				
6				
Strike off and cure tops of surface beds laid in panels approximately 1000mm long x 1000mm wide to uniform levels including all necessary formwork to form toggle joints to temporary construction joints to falls.	m ²	5		
7				
Extra for floating off smooth tops of surface beds laid in panels to brush finish including slightly rounded edges to panels.	m ²	5		
Carried to Collection				
Section No. 3				
Bill No. 5				
Concrete Paving				
			R	

		Unit	Quantity	Rate	Amount
<u>TEST CUBES</u>					
<u>Test Cubes</u>					
8	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	1		
<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II) (CPAP WORK GROUP NO. 111)</u>					
<u>Smooth formwork to sides</u>					
9	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	6		
<u>REINFORCEMENT (CPAP WORK GROUP NO. 114)</u>					
<u>Fabric reinforcement</u>					
10	Type 617 fabric reinforcement in concrete surface beds etc	m ²	5		
<u>DAMPPROOFING OF WALLS AND FLOORS</u>					
<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>					
11	Under surface pavings etc.	m ²	5		
Carried to Collection					R
Section No. 3					
Bill No. 5					
Concrete Paving					

Amount

SECTION NO. 3
EXTERNAL WORKS
BILL NO. 5
CONCRETE PAVING
COLLECTION

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Concrete Paving

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EXTERNAL WORKS

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- 2 WALKWAYS
- 3 GARDEN WALLS
- 4 V DRAINS
- 5 CONCRETE PAVING

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Section No. 3
SECTION SUMMARY

SECTION NO. 4
PROVISIONAL SUMS

Amount

SECTION NO. 4
PROVISIONAL SUMS

PROVISIONAL SUMS

Supplementary Preambles

Tenderers are advised that no claim in respect of loss of profit or Preliminary charges based on the omission of these amounts will be considered and the said amounts will be omitted strictly without any financial compensation payable to the Contractor.

Provisional sums and Budgetary allowances contained herein may be omitted or reduced at the Employer's discretion and the Contractor shall not be entitled to claim for any loss by way of reductions or omission of any discount, or percentage relating to Provisional amounts and Budgetary sums or any loss of profit related thereto.

BUDGETARY ALLOWANCES

Sundry building work

1	Provide the sum of R15 000.00 for the employment of a Community Liaison Officer to be employed by the Main Contractor and be paid an allowance of R7 500.00 a month for the duration (2 months) of the contract period.	Item	15 000 00
2	Profit	Item	
3	Attendance	Item	
4	Provide the sum of R110 000. 00 for work carried out by others	Item	110 000 00
5	Profit	Item	
6	Attendance	Item	

Carried to Final Summary

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Section No. 4
 Bill No. 1
 Provisional Sums

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1	PRELIMINARIES	23	
2	BUILDERS WORK	45	
3	EXTERNAL WORKS	62	
4	PROVISIONAL SUMS	64	
	ADD: CONTINGENCIES		
	Allow the Amount of R40 000.00 for contingencies, to be used by the Architect in terms of Clause 17 of the Principal Building Agreement.		40 000 00
	SubTotal excluding Value Added Tax		
	ADD VAT @ 15%:		
	Carried to Tender	R	
	FINAL SUMMARY		