

Item
No

SECTION NO. 1 : PRELIMINARIES- SECTIONS A, B and C

SECTION A: PRELIMINARIES

MEANING OF TERMS "TENDER / TENDERER"

Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"

BUILDING AGREEMENT AND PRELIMINARIES

The Association of South African Quantity Surveyors Preliminaries August 2010 edition for use with the JBCC Principal Building Agreement Edition 5 Code 2101, July 2007 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable".

These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this agreement such modifications, corrections or supplements as will apply are referenced to the Contract Data under each relevant clause heading and such modifications, corrections or supplements as contained in the Contract Data shall take precedence notwithstanding anything contrary contained in the abovementioned documents

PRICING OF PRELIMINARIES

Each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item. Items not priced in these Preliminaries shall be deemed to be included elsewhere in this document.

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

Please refer to the Contract Data for the full extent of the modifications, corrections or supplements made to the standard clauses referenced below

DEFINITIONS

A1.0 DEFINITIONS AND INTERPRETATION

Clause 1.0

Clause 1.1 Definitions for "Contracts Minutes", "Contract Period", "Date For Practical Completion", "Date Of Practical Completion", "Deposit" are added

Clause 1.1 Definitions of "Advanced Payment Guarantee", "Agreement", "Bills of Quantities", "Construction Guarantee", "Construction Period", "Contract Documents", "Contract Drawings", "Contract Sum", "Practical Completion", "Programme", are amended

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

Brought Forward

R

OBJECTIVE AND PREPARATION

A A2.0 OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

Fixed: _____ Value related: _____ Time related: _____

B A3.0 DOCUMENTS

Clause 3.0

Clause 3.1 is omitted.

Clauses 3.2.2, 3.3, 3.5 and 3.6 are amended

Clause 3.2.3 is added

Fixed: _____ Value related: _____ Time related: _____

C A4.0 DESIGN RESPONSIBILITY

Clause 4.0

Clause 4.1 is amended

Fixed: _____ Value related: _____ Time related: _____

D A5.0 EMPLOYER'S AGENTS

Clause 5.0

Clause 5.1 is amended.

Fixed: _____ Value related: _____ Time related: _____

E A6.0 SITE REPRESENTATIVE

Clause 6.0

Fixed: _____ Value related: _____ Time related: _____

F A7.0 COMPLIANCE WITH REGULATIONS

Clause 7.0

Clauses 7.2, 7.3 and 7.4 are added

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

R

SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

Brought Forward

A A8.0 WORKS RISK

Clause 8.0
Clause **8.4** is amended

Fixed: _____ Value related: _____ Time related: _____

B A9.0 INDEMNITIES

Clause 9.0
Clause **9.2.7** is omitted
Clause **9.2** is amended
Clause **9.3** is added

Fixed: _____ Value related: _____ Time related: _____

C A10.0 WORKS INSURANCES

Clause 10.0
Clause **10.4** is omitted

Fixed: _____ Value related: _____ Time related: _____

D A11.0 LIABILITY INSURANCES

Clause 11.0
Clauses **11.1.3 (a), (b), (c) and (d)** are added

Fixed: _____ Value related: _____ Time related: _____

E A12.0 EFFECTING INSURANCES

Clause 12.0
Clauses **12.2, 12.3, 12.4, 12.5 and 12.6** are amended

Fixed: _____ Value related: _____ Time related: _____

F A13.0 ASSIGNMENT

Clause 13.0

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

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SECTION NO. 1
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Brought Forward R

A A14.0 SECURITY

Clause 14.0

Clauses **14.3** and **14.7.1** is omitted

Clauses **14.1** and **14.4**, is amended

Fixed: _____ Value related: _____ Time related: _____

EXECUTION

B A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS

Clause 15.0

Clauses **15.1**, **15.1.1**, **15.6.1**, **15.6.3** and **15.6.4** are amended

Fixed: _____ Value related: _____ Time related: _____

C A16.0 ACCESS TO THE WORKS

Clause 16.0

Clause **16.5.1** is added

Fixed: _____ Value related: _____ Time related: _____

D A17.0 CONTRACT INSTRUCTIONS

Clause 17.0

Clause 17.1 is amended

Fixed: _____ Value related: _____ Time related: _____

E A18.0 SETTING OUT OF THE WORKS

Clause 18.0

Fixed: _____ Value related: _____ Time related: _____

F A19.0 TEMPORARY WORKS AND PLANT

Clause 19.0

Fixed: _____ Value related: _____ Time related: _____

Carried Forward R

SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

Brought Forward R

A A20.0 NOMINATED SUB-CONTRACTORS

Clause 20.0
Clause 20.1.1 is

Fixed: _____ Value related: _____ Time related: _____

B A21.0 SELECTED SUBCONTRACTORS

Clause 21.0
Clauses 21.1.1 and 21.1.3 are amended

Fixed: _____ Value related: _____ Time related: _____

C A22.0 EMPLOYER'S DIRECT CONTRACTORS

Clause 22.0

Fixed: _____ Value related: _____ Time related: _____

D A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS

Clause 23.0

Fixed: _____ Value related: _____ Time related: _____

COMPLETION

E A24.0 PRACTICAL COMPLETION

Clause 24.0

Fixed: _____ Value related: _____ Time related: _____

F A25.0 WORK'S COMPLETION

Clause 25.0

Fixed: _____ Value related: _____ Time related: _____

G A26.0 FINAL COMPLETION

Clause 26.0
Clauses 26.2.2 and 26.5.2 are amended

Fixed: _____ Value related: _____ Time related: _____

Carried Forward R

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Brought Forward R

A A27.0 LATENT DEFECTS LIABILITY PERIOD

Clause 27.0

Fixed:_____ Value related:_____ Time related:_____

B A28.0 SECTIONAL COMPLETION

Clause 28.0

Fixed:_____ Value related:_____ Time related:_____

C A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION

Clause 29.0

Clauses **29.1**, **29.2** and **29.3** is amended

Clause **29.9** is added

Fixed:_____ Value related:_____ Time related:_____

D A30.0 PENALTY FOR NON-COMPLETION

Clause 30.0

Clause **30.2** is amended

Fixed:_____ Value related:_____ Time related:_____

PAYMENT

E A31.0 INTERIM PAYMENT TO THE CONTRACTOR

Clause 31.0

Clauses **31.3**, **31.5.3**, **31.6.5**, **31.8** and **31.9** are amended

Clauses **31.16.1** and **31.16.2** is omitted

Clause **31.4.4** is added

Fixed:_____ Value related:_____ Time related:_____

F A32.0 ADJUSTMENT TO THE CONTRACT VALUE

Clause 32.0

Clauses **32.1** and **32.13** are amended

Fixed:_____ Value related:_____ Time related:_____

Carried Forward R

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A A33.0 RECOVERY OF EXPENSE AND LOSS

Clauses **33.1.8, 33.1.9, 33.1.10 and 33.1.11** is added

Fixed: _____ Value related: _____ Time related: _____

B A34.0 FINAL ACCOUNT AND FINAL PAYMENT

Clause 34.0

Clause **34.10** is amended

Fixed: _____ Value related: _____ Time related: _____

C A35.0 PAYMENT TO OTHER PARTIES

Clause 35.0

Fixed: _____ Value related: _____ Time related: _____

TERMINATION

A36.0 TERMINATION BY EMPLOYER - CONTRACTOR'S DEFAULT

Clause 36.0

Clauses **36.1, 36.1.1 and 36.1.2** are amended

Clauses **36.1.3 and 36.1.4** are added

Fixed: _____ Value related: _____ Time related: _____

D A37.0 TERMINATION BY EMPLOYER - LOSS AND DAMAGE

Clause 37.0

Clause **37.1.3** is added

Fixed: _____ Value related: _____ Time related: _____

E A38.0 TERMINATION BY CONTRACTOR - EMPLOYER'S DEFAULT

Clause 38.0

Clause **38.1.1** is omitted

Clauses **38.1.4 and 38.3** are amended

Fixed: _____ Value related: _____ Time related: _____

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A A39.0 TERMINATION - CESSATION OF THE WORKS

Clause 39.0

Fixed: _____ Value related: _____ Time related: _____

DISPUTE

B A40.0 DISPUTE SETTLEMENT

Clause 40.0

Clauses **40.2.2**, **40.3.2**, **40.3.3** and **40.3.4** are amended

Clause **40.4** is omitted

Fixed: _____ Value related: _____ Time related: _____

CONTRACT AGREEMENT

C A41.0 POST TENDER PROVISIONS

Clause 41.0

Fixed: _____ Value related: _____ Time related: _____

D A42.0 CONTRACTUAL AGREEMENT

Clause 42.0

Clauses **42.2** is omitted

Fixed: _____ Value related: _____ Time related: _____

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SECTION B: PRELIMINARIES

Please refer to the Contract Data for the full intent and additional information relevant to the standard clauses referenced below

B1.0: DEFINITIONS AND INTERPRETATION

A B1.1 Definitions and interpretation

See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section

Fixed: _____ Value related: _____ Time related: _____

B2.0: DOCUMENTS

B B2.1 Checking of documents

Fixed: _____ Value related: _____ Time related: _____

C B2.2 Bills of quantities

Fixed: _____ Value related: _____ Time related: _____

D B2.3 Availability of construction documentation

Fixed: _____ Value related: _____ Time related: _____

B3.0: PREVIOUS WORK AND ADJOINING PROPERTIES

In respect of clause 3, Tenderers shall be deemed to have visited the site and made provision in their tender for all site circumstances that may affect their work and rates, as no claims in this respect will be considered.

E B3.1 Previous work - dimensional accuracy

Fixed: _____ Value related: _____ Time related: _____

F B3.2 Previous work - defects

Fixed: _____ Value related: _____ Time related: _____

G B3.3 Inspection of adjoining properties

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

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SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

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B4: SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS

A B4.1 Samples of materials

Fixed: _____ Value related: _____ Time related: _____

B B4.2 Workmanship samples

Fixed: _____ Value related: _____ Time related: _____

C B4.3 Shop drawings

Fixed: _____ Value related: _____ Time related: _____

D B4.4 Compliance with manufacturers' instructions

Fixed: _____ Value related: _____ Time related: _____

B5.0: DEPOSITS AND FEES

E B5.1 Deposits and fees

Fixed: _____ Value related: _____ Time related: _____

B6.0: TEMPORARY SERVICES

F B6.1 Water

Fixed: _____ Value related: _____ Time related: _____

G B6.2 Electricity

Fixed: _____ Value related: _____ Time related: _____

H B6.3 Telecommunication facilities

Fixed: _____ Value related: _____ Time related: _____

I B6.4 Ablution facilities

Fixed: _____ Value related: _____ Time related: _____

B7.0 PRIME COST AMOUNTS

J B7.1 Responsibility for prime cost amounts

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

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BILL NO. 01- PRELIMINARIES & GENERAL

Brought Forward

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B8.0 SPECIAL ATTENDANCE ON N/S SUBCONTRACTORS

A B8.1 Special attendance

Fixed: _____ Value related: _____ Time related: _____

B9.0: GENERAL

B B9.1 Protection of the works

Fixed: _____ Value related: _____ Time related: _____

C B9.2 Protection / isolation of existing / sectionally occupied works

Fixed: _____ Value related: _____ Time related: _____

D B9.3 Security of the works

Fixed: _____ Value related: _____ Time related: _____

E B9.4 Notice before covering work

Fixed: _____ Value related: _____ Time related: _____

F B9.5 Disturbance

Fixed: _____ Value related: _____ Time related: _____

G B9.6 Environmental disturbance

Fixed: _____ Value related: _____ Time related: _____

H B9.7 Works cleaning and clearing

Fixed: _____ Value related: _____ Time related: _____

I B9.8 Vermin

Fixed: _____ Value related: _____ Time related: _____

J B9.9 Overhand work

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

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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

A 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**

Fixed: _____ Value related: _____ Time related: _____

B C2 GENERAL PREAMBLES

These tender documents contain pages and volumes as indicated in the index of the complete tender documentation

The items in these tender documents are to read and priced in conjunction with and the descriptions regarded as amplified by The Model Preambles for Trades 2008 as published by the Association of South African Quantity Surveyors and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained

Fixed: _____ Value related: _____ Time related: _____

C C3 TRADE NAMES

Wherever a trade name for any product has been described in the **bills of quantities**, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

Fixed: _____ Value related: _____ Time related: _____

Carried Forward

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SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

Brought Forward R

A C4 IMPORTED MATERIALS AND EQUIPMENT

Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations

Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

Fixed: _____ Value related: _____ Time related: _____

B C5 AUTHORISATION FOR THE TAKING OF PHOTOGRAPHS

The contractor shall obtain prior authorisation from the employer for the making of any sketches or the taking of any photographs of any site, installation, building or civil works belonging to the employer and shall ensure that all personnel, subcontractors and other persons entering the site shall comply with this requirement as well.

Fixed: _____ Value related: _____ Time related: _____

C C6 OCCUPATIONAL HEALTH AND SAFETY ACT

The **contractor** shall comply with all the requirements set out in the Health and Safety Specification for Construction Work as contained within these tender documents and the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).

It is required of the **contractor** to thoroughly study the Health and Safety Specification and the Construction Regulations of the Occupational Health and Safety Act

The **contractor** must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory.

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.

Fixed: _____ Value related: _____ Time related: _____

Carried to Tender Summary R

SECTION NO. 1
BILL NO. 01- PRELIMINARIES & GENERAL

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 01 - ALTERATIONS</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Alterations			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Works on site</u>			
The Contractor shall not remove or interfere with any furniture, fittings or similar articles unless specially mentioned in the following items and shall give adequate notice to the Representative/Agent of the removal of any articles from parts of the building are to be altered becomes necessary so that the Employer may have same removed before the Contractor commences work in such parts			
The Contractor will be held solely responsible for any damage to persons and property and for the safety of the structures and must make good at his expense any damage that may occur			
Carried Forward			R
SECTION NO. 2 BILL NO. 01 - ALTERATIONS			

Brought Forward

R

View site

Before submitting his tender the Contractor 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. 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

Old materials are to be carted away

Old material from alterations, except where described to be re-used, or handed over, as well as all rubbish, etc., will require the approval from the Client Heritage Department before the removal or re-use of material can take place

Old materials are not to be re-used

None of the old materials are to be used for new work, except where specifically described as being set aside for re-use

Special care is to be exercised not to interfere with any electrical installation, and notice is to be given to the Representative/Agent when any disconnections, removal of wires, etc. necessary and the Contractor is to afford every facility to the workmen carrying out his work

Removal from site

The term "remove" shall be deemed to mean removal from site by the Contractor to a registered dumping ground located by the Contractor

Carried Forward

R

SECTION NO. 2
BILL NO. 01 - ALTERATIONS

Brought Forward

R

Handing over of materials

Where certain materials or articles from alterations are described as to be handed over by the Contractor to the Employer, 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, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Employer for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor

Asbestos cement materials

Where existing asbestos cement materials are to be removed and disposed of, this shall be done in strict accordance with the procedure laid down in the Occupational Health and Safety Act (1993)

Noise and disturbance

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 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

Dust pollution

The Contractor is to take care to avoid dust pollution by keeping the ground and all relevant surfaces wet or damp during the alterations and erecting dust screens if necessary

General

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

Carried Forward

R

SECTION NO. 2
BILL NO. 01 - ALTERATIONS

Brought Forward		R
<p>The Contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> <p><u>Prices</u></p> <p>The Contractor is hereby deemed to have taken all these supplementary Preambles into account in his pricing</p> <p><u>NOTE</u></p> <p>Unless otherwise described, all work in this trade is to be carried out in/to existing buildings</p> <p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Taking up and removing vinyl floor coverings and preparing screeds for new floor coverings</u></p>		
A	Vinyl tile floor covering	m ² 42
<p><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></p>		
B	Corrugated sheet steel roof covering and timber purlins	m ² 63
C	Hardboard ceilings, including cornices, timber bandering, etc.	m ² 33
D	Roof overhang hardboard eave soffits	m ² 2
E	Steel air vent louvres with approximate size: 400 x 600mm high	No 13
F	Low rise small chamber precast concrete roof slab approximately 300mm thick	m ² 2
Carried Forward		R
<p>SECTION NO. 2 BILL NO. 01 - ALTERATIONS</p>		

Brought Forward			R
<p><u>Take down asbestos roof sheeting and cart off site (contractor to follow precautionary guidelines as per Occupational Health & Safety Act):</u></p> <p>Note: The contractor shall keep the area of the works, where the roof has been removed, weatherproof by means of tarpaulins, etc. for the entire period that the area is without a permanent weatherproof roof covering. The cost of all repairs consequential upon the contractor failing to comply with the requirements will be for the contractor's sole account.</p>			
A	Asbestos 'Bigsix' profile roof sheeting	m ²	1 644
<p><u>Take down and removing gutters including downpipes and cart off site:</u></p>			
B	Half-round asbestos gutters with approximate size: 150mm diameter fixed to fascia/ barge boards with and including clips, complete	m	327
C	Asbestos downpipes with approximate size: 150mm diameter with and including offsets, shoes and brackets, complete	m	147
<p><u>Take down and remove fascia and barge boards:</u></p>			
D	Timber fascia & barge boards with approximate size: 12 x 350mm high fixed to masonry walls/ roof truss ends	m	350
<p><u>Taking off and removing skirtings:</u></p>			
E	Timber skirtings from brickwork	m	76
<p><u>Taking out and removing doors, windows, etc. including thresholds, cills, etc:</u></p>			
F	Timber single door and frame not exceeding 2,5m ²	No	16
G	Timber double door and frame exceeding 2,5m ² and not exceeding 5m ²	No	8
H	Steel double door and frame exceeding 2,5m ² and not exceeding 5m ²	No	1
I	Glazed timber window not exceeding 2,5m ²	No	17
J	Glazed steel window not exceeding 2,5m ²	No	108
Carried Forward			R
<p>SECTION NO. 2 BILL NO. 01 - ALTERATIONS</p>			

Brought Forward			R
A	Glazed steel window exceeding 2,5m ² and not exceeding 5m ²	No	3
<u>Taking out/off and removing sundry metalwork</u>			
B	Steel burglar bars built into brickwork, to suit window opening size: 1485 x 1200mm high (window type W1)	No	6
C	Steel burglar bars built into brickwork, to suit window opening size: 1022 x 950mm high (window type W2)	No	3
D	Steel burglar bars built into brickwork, to suit window opening size: 533 x 950mm high (window type W3)	No	13
E	Steel burglar bars built into brickwork, to suit window opening size: 533 x 1245mm high (window type W4)	No	1
F	Steel burglar bars built into brickwork, to suit window opening size: 330 x 600mm high (window type W5)	No	6
G	Steel burglar bars built into brickwork, to suit window opening size: 1975 x 600mm high (window type W6)	No	4
H	Steel burglar bars built into brickwork, to suit window opening size: 2000 x 1245mm high (window type W7)	No	3
<u>Taking out and removing piping, sanitary fittings, etc. including disconnecting piping from fittings and making good floor and wall finishes elsewhere:</u>			
I	Vitreous china WC pan with cistern	No	4
Carried Forward			R
SECTION NO. 2 BILL NO. 01 - ALTERATIONS			

Brought Forward

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GENERAL REPAIRWORK

A The contractor to allow for the complete repair of the Minor plaster cracks (approximately 120m length) on the exterior and interior walls.. Contractor to remove cracked, delaminated and spalling plaster and expose cracks on the wall. Investigate the extent of the crack. Detect if the crack is in the plaster only or if it is through the bricks. Caulk the cracks using Sika MonoTop 615 HB or similar approved product. Place 2 layers of Duramesh or similar approved product over crack at least 150mm on either side of the crack (internally and externally) and re-plaster using Sika 1, or similar approved product, added to the mortar. Paint according to architect's specification.

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B The contractor to allow for the complete repair of the Medium plaster cracks (approximately 60m length) on the exterior and interior walls.. Contractor to remove cracked, delaminated and spalling plaster and expose cracks on the wall. Investigate the extent of the crack. Detect if the crack is in the plaster only or if it is through the bricks. Caulk the cracks using Sika MonoTop 615 HB or similar approved product. Place 2 layers of Duramesh or similar approved product over crack at least 150mm on either side of the crack (internally and externally) and re-plaster using Sika 1, or similar approved product, added to the mortar. Paint according to architect's specification.

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C The contractor to allow for the complete repair of the mortar (approximately 20m2 coverage) around brickwork where missing on the interior walls of the buildings. Loose bricks to be removed and refitted with mortar. Mortar to be added to all areas where required. Re-plaster entire area using Sika 1, or similar approved product, added to the mortar. Paint according to the architect's specification.

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D The contractor to allow for the complete repair of concrete steps, including removing all loose debris, spalling concrete, etc. Cut away 100mm thick layer of existing concrete steps and cast new 20MPa concrete with mesh ref 245 (approximately 1.5m3 of concrete), profile to match the existing layout

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Carried Forward

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BILL NO. 01 - ALTERATIONS

		Brought Forward		R
A	The contractor to allow for the complete repair of concrete ramps, including removing all loose debris, spalling concrete under ramp where required, filling in void below ramp with approximately 1m3 of 20MPa mass concrete as well as re-screeding the surface of the ramps	No	2	
<p><u>SERVICING OF WINDOWS. DOORS. PLUMBING. ETC.</u></p> <p><u>Attend to, service, re-align and repair as necessary all steel windows including removing existing putty, applying new putty and replacing any defective or missing parts:</u></p>				
B	Service existing steel windows shutters with approximate overall size: 1300 x 1000mm high (B058 - Window type W1)	No	5	
<p><u>Attend to, service and repair as necessary all timber doors including replacing any defective or missing parts:</u></p>				
C	Service existing timber single door with overall size: 900 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B059 - Door type D2)	No	2	
D	Service existing timber single door with overall size: 878 x 970mm high including hinges and ensure that door is properly aligned to open and close correctly (B059 - Door type D3)	No	2	
<p>Carried Forward to Summary of Section No.</p>				R
SECTION NO. 2				

BILL NO. 01 - ALTERATIONS

Item No	<u>SECTION NO 2 : BUILDING WORK</u>	Quantity	Rate	Amount R
	<p><u>BILL NO. 02 - PRECAST</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades" (2008), Precast Concrete</p> <p>The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066</p> <p>The Contractor is referred to the Scope of Works Document</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>NOTE</u></p> <p>Unless otherwise described, all work in this trade is to be carried out in/to existing buildings</p> <p><u>PRECAST CONCRETE</u></p> <p><u>Precast prestressed roof slab system. Design & supply item.</u></p>			
A	Precast concrete slab: Low rise small chamber precast concrete roof slab approximately 300mm thick	m ²	2	
	Carried Forward to Summary of Section No.			R
	SECTION NO. 2 BILL NO. 02 - PRECAST CONCRETE			

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 03 - ROOF COVERINGS ETC</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Roof Coverings			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
Descriptions of all roof coverings are deemed to include for all straight cutting			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Note:</u>			
Wherever a trade name for any product has been described in the Priced Document attention is drawn to the fact that any other product of equal approved quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders.			
If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for.			
Carried Forward		R	
SECTION NO. 2 BILL NO. 03 - ROOF COVERINGS, ETC			

Brought Forward

R

Sheeting

'Klip-Lok 406' or equivalent profile roof sheeting shall be double-interlocking concealed-fix roll-formed in continuous lengths and cut to length by a pneumatic cut-off process. Galvanized steel shall be certified and comply with ASTM A 446 grade E (3T) and be finished as described. A certificate verifying compliance shall be issued by the manufacturer, 'Brownbuilt Metal Sections'.

Fixing

'Klip-Lok 406' or equivalent sheets shall be fixed to every purlin by means of patented KL65 clips having spurs which will securely hold the sheets in position and lock-in the sidelap and both centre ribs. The KL65 clips shall be manufactured from Galvanized steel and shall be fixed to the steel purlin with three cadmium plated tek 3 no 10, 24 x 16mm long self-drilling/tapping screws or with NA2 annular nails to timber purlins.

Flashings

The paint finish shall be epoxy primer of 4-6 microns with a top coat 'Classicoat Silicone Polyester' of at least 22 microns and a half coat 'Classicoat Grey' to the reverse side (Colour to be approved by Architect).

Flashings shall be approved by 'Brownbuilt Metal Sections' and fixed to the sheeting with S1 clips to obviate any direct fixing perforations. Prior to flashings being fixed, all troughs at the apex shall be stop-ended to the full depth of the sheet in order to prevent any penetration of wind-driven water. The trough shall be lipped at the eaves end to form a drip.

Flashing flanges shall be notched to the sheet profile where necessary. All these operations must be performed with special tools available from 'Brownbuilt Metal Sections'. Care shall be taken to ensure that no sheeting or flashing will be cut with abrasive disc on roof surface in order to prevent steel spatter from penetrating colour coated areas

Flashing finish must match and be the same as the roof sheeting it follows. Flashing thickness must be the same or greater than that of the roof sheeting it follows, based on available thickness options.

Carried Forward

R

SECTION NO. 2
BILL NO. 03 - ROOF COVERINGS, ETC

Brought Forward

R

Guarantee

The manufacturer shall comply with ISO9002 Quality Management System. Sheeting shall be laid in strict accordance with the manufacturer's specifications by an approved Contractor.

Erection, handling and storage

Every precaution shall be taken to prevent damage to roof sheets during all stages of construction. Duck boards should be used when necessary to protect the sheeting from damage. Sheeting which has become deformed or damaged in any way, shall be replaced.

The Contractor shall exercise special care when handling long length sheeting, particularly in windy conditions. Should work be interrupted for any reason, all loose sheeting and incomplete sections must be adequately secured against possible movement by wind and gravity.

The Contractor shall ensure that all materials used on site for cladding, etc are transported, handled and stored in accordance with the manufacturer's recommendations. Material damaged shall be rejected and replaced with undamaged material at the Contractor's expense. Repair of damaged material will not generally be permitted. Rates are to include for preventing damage and protecting sheets through all stages of construction.

Cleaning, etc.

All debris, swarf, etc. arising from the fixing of the cladding shall be removed from the sheeting as the fixing progresses. In addition, off-cuts of insulation, surplus fasteners and sealants, mandrels from pop rivets, off-cuts of flashings and sheeting, surplus flashing, food packaging, cartons, bottles, cans, etc shall not be left on the roof or in the gutters.

Care shall be taken to ensure that no such material enters, blocks or partially impedes the flow of water into the outlets, down pipes, etc.

Carried Forward

R

SECTION NO. 2
BILL NO. 03 - ROOF COVERINGS, ETC

Brought Forward		R
<u>NOTE</u>		
Unless otherwise described, all work in this trade is to be carried out in/to existing buildings		
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>		
<u>Supply and install steel roof sheeting complete. Roof sheeting to be "Klip-Lok 406" 0,53mm tct clean "Colorbond" steel roof sheeting or equivalent. Roof sheeting colour to be "Vulcanic Grey" on one side only. Roof sheeting to be installed complete with all fixing accessories, sealing strips to laps and seam stitching. All fixed to timber purlins or rails at approximately 1800mm centres in accordance with the manufacturer's instructions.</u>		
A	Roof covering with pitch not exceeding 25 degrees.	m ² 63
<u>Multi-layered reinforced double-sided aluminium foil sheeting laid taut over purlins in accordance with SANS 1381-4 with a mass of not less than 293g/m² and a Class I fire rating in accordance with SANS 0177-3. Insulation to have R-value= 1.35m² k/w.</u>		
B	4mm thick 'Alucushion' or equivalent insulation sheeting laid taut over steel roof structures and fixed concurrent with roof covering with minimum 150mm stapled laps including galvanised steel straining wires at not exceeding 400mm centres and double-sided tape at edges where required.	m ² 1 644
<u>PROFILED FIBRE-CEMENT SHEETING AND ACCESSORIES</u>		
<u>"Everite Big six" or similar approved fibre cement roof sheeting and accessories with paint finish on one side to match existing fixed to timber/steel purlins or rails:</u>		
C	Roof covering with pitches not exceeding 25 degrees	m ² 1 644
D	Close fitting adjustable ridge cappings	m 163
Carried Forward		R
SECTION NO. 2 BILL NO. 03 - ROOF COVERINGS, ETC		

Brought Forward

R

FIBRE-CEMENT ACCESSORIES

**4mm Thick "Nutec" cement flat sheets as eaves roof
over hang lining secured to roof timbers:**

A Eaves soffits lining average 500mm wide fixed to
battens

m²

2

Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 03 - ROOF COVERINGS, ETC

Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2 : BUILDING WORK</u></p>			
<p><u>BILL NO. 04 - CARPENTRY AND JOINERY</u></p>			
<p><u>PREAMBLES</u></p>			
<p>The Contractor is referred to the Model Preambles (2008), Carpentry and Joinery</p>			
<p>The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066</p>			
<p>The Contractor is referred to the Scope of Works Document</p>			
<p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Joinery:</u></p>			
<p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p>			
<p><u>Sizes:</u></p>			
<p>Sizes are nominal and the Contractor shall make allowance in his prices for minor variances in stated finished sizes of timber doors, members, frames, architraves, skirtings, etc.</p>			
<p><u>Prices</u></p>			
<p>Prices for all joinery work are to include for general framing, housing and notching, arris rounded angles, glueing, blocking, planting on, screwing, adhesives, dowels, pellets, cross tongues, screws and nails and setting up complete and also for all square cutting and waste. Tops shall be secured with metal or hardwood buttons.</p>			
<p>Carried Forward</p>			R
<p>SECTION NO. 2 BILL NO. 04 - CARPENTRY AND JOINERY</p>			

Brought Forward		R
<u>General</u>		
The contractor is to verify all joinery sizes on site prior to the installation thereof		
<u>NOTE</u>		
Unless otherwise described, all work in this trade is to be carried out in/to existing buildings		
<u>WINDOWS</u>		
<u>'Swartland' or similar approved hardwood window glazed with 6mm intruder proof safety glass and timber beads fixed to wall:</u>		
A	Timber window with overall size: 1370 x 1295mm high (B065 - Window type W1)	No 8
B	Timber window with overall size: 521 x 788mm high (B065 - Window type W2)	No 1
C	Timber window with overall size: 521 x 1048mm high (B065 - Window type W3)	No 2
D	Timber window with overall size: 1300 x 480mm high (B065 - Window type W4)	No 1
E	Timber window with overall size: 478 x 1302mm high (B062 - Window type W3)	No 4
<u>DOORS</u>		
<u>40mm Thick Semi-solid timber flush doors with commercial veneer suitable for painting on both sides and 10mm minimum thick hardwood edging strips.</u>		
F	Semi-solid timber flush door, single leaf swing door, overall size 896 x 2032mm high (B059 - Door type D1)	No 3
G	Semi-solid timber flush door, single leaf swing door, overall size 900 x 2100mm high (B060, B061, B062, B063 & B065 - Door type D1)	No 11
H	Semi-solid timber flush door, single leaf swing door, overall size 790 x 947mm high (B060 - Door type D2)	No 1
Carried Forward		R
SECTION NO. 2 BILL NO. 04 - CARPENTRY AND JOINERY		

Brought Forward

R

A	Semi-solid timber flush door, double leaf swing door, overall size 1712 x 2385mm high (B061, B062 & B064 - Door type D2)	No	5
B	Semi-solid timber flush door, single leaf swing door, overall size 615 x 1363mm high (B064 - Door type D1)	No	1
C	Semi-solid timber flush door, double leaf swing door, overall size 1484 x 2100mm high (B065 - Door type D2)	No	1
D	Semi-solid timber flush door, double leaf swing door, overall size 1464 x 2100mm high (B066 - Door type D3)	No	2

SKIRTINGS. NOSINGS. ETC

Wrought hardwood or similar approved skirting to match existing:

E	19 x 70mm 'Selected' Meranti hardwood skirting, plugged and pelleted to brick walls (B141)	m	77
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EAVES. VERGES. ETC.

Wrought meranti:

F	Approximately 12 x 300mm fascias and barge boards	m	350
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FRAMED FRAMES. ETC

'Selected' Wrought meranti.

G	55 x 90mm Rebated frames plugged	m	127
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Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 04 - CARPENTRY AND JOINERY

Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2 : BUILDING WORK</u></p>			
<p><u>BILL NO. 05 - CEILINGS</u></p>			
<p><u>PREAMBLES</u></p>			
<p>The Contractor is referred to the Model Preambles (2008), Carpentry and Joinery</p>			
<p>The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066</p>			
<p>The Contractor is referred to the Scope of Works Document</p>			
<p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Descriptions:</u></p>			
<p>Boards must be stacked on a level surface in a dry place on a timber platform. Boards must be carried on edge.</p>			
<p>Skimmed ceilings must be plastered the same day that the 'Rhinoboard' has been erected.</p>			
<p><u>Fixing:</u></p>			
<p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p>			
<p><u>Ceilings</u></p>			
<p>Unless otherwise described ceilings shall be deemed to be horizontal</p>			
<p>Wall paper and/or paint and varnish finishes are given elsewhere</p>			
<p>Carried Forward</p>			
<p>SECTION NO. 2 BILL NO. 05 - CEILINGS</p>			
			R

Brought Forward

R

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

NAILED UP CEILINGS

6.4mm "Rhino" or equal approved gypsum plasterboard with 50mm cover strips of mesh scrim nailed over joints and the whole finished with 6mm minimum cretestone gypsum skim plaster trowelled to smooth polished surface:

A	Ceilings fixed to 38 x 38mm sawn softwood brandering at 400mm centres fixed to timber trusses	m ²	33
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CORNICES

"Rhino" or equal approved gypsum plasterboard cornices:

B	70mm Coved cornices, nailed	m	57
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Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 05 - CEILINGS

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 06 - IRONMONGERY</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Ironmongery			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
The Contractor is referred to the Scope of Works Document			
<u>Finishes to ironmongery</u>			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded			
Carried Forward		R	
SECTION NO. 2 BILL NO. 06 - IRONMOMGERY			

Brought Forward		R
<u>NOTE</u>		
Unless otherwise described, all work in this trade is to be carried out in/to existing buildings		
<u>HINGES, BOLTS, ETC</u>		
<u>"Dorma" or equivalent.</u>		
A	102 x 75 x 3mm Stainless steel two ball bearing butt hinge (Code: DBB-SS-009)	Pairs 24
<u>HANDLES</u>		
<u>"Dorma" or equivalent.</u>		
B	Lever handle, satin chrome, on plate with cylinder cutout (Code: CB30 Cyl S.C)	Sets 24
<u>ESCUTCHEONS AND PLATES</u>		
<u>"Dorma" or equivalent.</u>		
C	Stainless steel round cylinder escutcheon (Code: DCE-002 S.S)	Pairs 24
<u>LOCKS</u>		
<u>"Dorma" or equivalent.</u>		
D	Cylinder Sash lock, stainless steel, case dimensions 116.5 (H) x 78mm (D), forend dimensions 168 (H) x 22mm (W), backset 57mm, centres 61mm (Code: D0365 SS)	Ea 23
Carried Forward to Summary of Section No.		R
SECTION NO. 2		
BILL NO. 06 - IRONMOMGERY		

Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2 : BUILDING WORK</u></p>			
<p><u>BILL NO. 07 - FLOOR COVERINGS, WALL LININGS, ETC</u></p>			
<p><u>PREAMBLES</u></p>			
<p>The Contractor is referred to the Model Preambles (2008), Floor Coverings</p>			
<p>The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066</p>			
<p>The Contractor is referred to the Scope of Works Document</p>			
<p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Fixing</u></p>			
<p>Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc</p>			
<p>The screeded surface must be structurally sound, clean and dry and free from all surface laitance and contamination. New concrete or screeds must be at least 28 days old. Prime using ARDEX P51 (as recommended by vinyl flooring specialist), or equivalent.</p>			
<p><u>NOTE</u></p>			
<p>Unless otherwise described, all work in this trade is to be carried out in/to existing buildings</p>			
<p>Carried Forward</p>			
<p>SECTION NO. 2 BILL NO. 07 - FLOOR COVERINGS</p>			
			R

Brought Forward

R

FLOOR COVERINGS

**300 x 300 x 2.5mm Thick thru-flash semi-flexible
vinyl tiles fixed with adhesive to existing floor
screed:**

A On floors

m²

42

Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 07 - FLOOR COVERINGS

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 08 - METALWORK</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Metalwork			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
Descriptions of bolts shall be deemed to include nuts and washers			
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres			
<u>NOTE</u>			
Unless otherwise described, all work in this trade is to be carried out in/to existing buildings			
Carried Forward			R
SECTION NO. 2 BILL NO. 08 - METALWORK			

Brought Forward		R
<u>STEEL WINDOWS, DOORS, ETC</u>		
<u>HOT DIPPED GALVANISED STEEL WINDOWS, DOORS, ETC</u>		
<u>"Consolite" or similar approved Standard industrial windows to match existing:</u>		
A	Steel window with overall size: 973 x 2824mm high (B059 - Window type W1)	No 2
B	Steel window with overall size: 1022 x 949mm high (B059 - Window type W2)	No 1
C	Steel window with overall size: 533 x 654mm high (B059 - Window type W3)	No 5
D	Steel window with overall size: 1511 x 1245mm high (B060 & B063 - Window type W1 & W2)	No 17
E	Steel window with overall size: 1485 x 1200mm high (B061 - Window type W1)	No 8
F	Steel window with overall size: 1003 x 926mm high (B062 - Window type W1)	No 8
G	Steel window with overall size: 1485 x 1200mm high (B062 - Window type W2)	No 4
H	Steel window with overall size: 2003 x 1270mm high (B062 - Window type W4)	No 1
I	Steel window with overall size: 2000 x 1245mm high (B063, B064 & B066 - Window type W1, W7 & W3)	No 9
J	Steel window with overall size: 1022 x 950mm high (B064 - Window type W2)	No 1
K	Steel window with overall size: 1485 x 1200mm high (B064 - Window type W1)	No 6
L	Steel window with overall size: 1022 x 950mm high (B064 - Window type W2)	No 2
M	Steel window with overall size: 533 x 950mm high (B064 - Window type W3)	No 14
Carried Forward		R
SECTION NO. 2 BILL NO. 08 - METALWORK		

Brought Forward			R
A	Steel window with overall size: 533 x 1245mm high (B064 - Window type W4)	No	1
B	Steel window with overall size: 330 x 600mm high (B064 - Window type W5)	No	6
C	Steel window with overall size: 1975 x 600mm high (B064 - Window type W6)	No	4
D	Steel window with overall size: 533 x 788mm high (B066 - Window type W1)	No	18
E	Steel window with overall size: 533 x 1245mm high (B066 - Window type W2)	No	2
<u>HOT DIPPED GALVANSIED STEEL DOORS</u>			
<u>High security steel doors supplied and installed with all frames, subframes and ironmongery, etc. complete:</u>			
F	Steel double door with approximate overall size: 2200 x 2100mm high (B058 - Door type D1)	No	1
<u>PRESSED MILD STEEL DOOR FRAMES</u>			
<u>1.2mm thick pre-galvanized pressed steel door frame suitable for one brick walls, including ironmongery and preparation to receive ironmongery.</u>			
G	Frame for double door, approximate overall size 2200 x 2100mm high (B058 - Door type D1)	No	1
<u>HOT DIPPED GALVANISED STEEL SCREENS</u>			
<u>Galvanised mild steel burglar screens comprising of approximately 20mm diameter vertical and horizontal bars anchored to wall with and including galvanised chemical bolts:</u>			
H	Steel burglar bars bolted into brickwork, to suit window opening size: 1485 x 1200mm high (window type W1)	No	6
I	Steel burglar bars bolted into brickwork, to suit window opening size: 1022 x 950mm high (window type W2)	No	3
Carried Forward			R
SECTION NO. 2 BILL NO. 08 - METALWORK			

		Brought Forward		R
A	Steel burglar bars bolted into brickwork, to suit window opening size: 533 x 950mm high (window type W3)	No	14	
B	Steel burglar bars bolted into brickwork, to suit window opening size: 533 x 1245mm high (window type W4)	No	1	
C	Steel burglar bars bolted into brickwork, to suit window opening size: 330 x 600mm high (window type W5)	No	6	
D	Steel burglar bars bolted into brickwork, to suit window opening size: 1975 x 600mm high (window type W6)	No	4	
E	Steel burglar bars bolted into brickwork, to suit window opening size: 2000 x 1245mm high (window type W7)	No	3	
<u>CHAIN LINK MESH</u>				
<u>Supply and install galvanised mild steel mesh diamond pattern with 10mm apertures and wire thickness of approximately 2.5mm</u>				
F	Wire mesh with approximate size: 300 x 250mm high fixed to existing air bricks	No	7	
<u>HOT DIPPED GALVANISED LOUVRE PANELS</u>				
<u>Louvre with vermin proof mesh and clip 44 shopfront sections supplied and installed complete, including all fixing to brick walls. The louvre is to be SABS approved. All in accordance with the manufacturers instructions. Including sealing all around the perimeter of the louvre with "DC 813 Neutral cure' or equivalent silicone sealant on a backing cord 'Duracord' with minimum joint size 6 x 6mm internally and externally.</u>				
G	Steel air vent louvres with approximate size: 400 x 600mm high	No	13	
Carried Forward to Summary of Section No.				R
SECTION NO. 2				
BILL NO. 08 - METALWORK				

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 09 - SANITARYWARE & RAINWATER DISPOSAL</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Plumbing and Drainage			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Flush pans</u>			
Flush pans shall have straight or side outlets and "P" or "S" traps as necessary			
<u>Stainless steelbasins, sinks, wash troughs, urinals, etc.</u>			
Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable			
<u>Waste unions</u>			
Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings			
<u>NOTE</u>			
Unless otherwise described, all work in this trade is to be carried out in/to existing buildings			
Carried Forward			R
SECTION NO. 2 BILL NO. 09 - SANITARYWARE & RAINWATER DISPOS			

Brought Forward

R

SANITARY FITTINGS

Supply and install the following sanitary fittings including assembly forming all joints and connections, bedding, pointing, building in, cutting and pinning, plugging and screwing and making good as necessary.

All prices for sanitary fittings shall include, purpose made white fungus proof silicon sealant to porcelain fittings clear fungus proof silicon sealant in between stainless steel sink and worktop/wall edges.

WC's

Vaal Sanitaryware or equivalent

A	Supply and install "Vaal Sanitaryware Hibiscus Elite" or equivalent vitreous china close coupled suite colour white (Code: 772402) with "Hibiscus Jazz" thermoset seat (Code: 8531Z0), comprising 90° outlet open rim pan (Code: 772600) with matching 6/3 litre top dual flush cistern (Code: 710740) including lid and fitments.	No	4
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RAINWATER DISPOSAL

'Everite' or similar approved fibre cement gutters and rainwater pipes in repairs to and including short lengths, cutting and jointing to existing rainwater goods:

B	150mm Diameter gutter to match existing	m	327
C	150mm Diameter socketed rainwater pipes fixed with aluminium alloy downpipe clips including mastic jointing compound to seal downpipe joints	m	102
D	Extra over 150mm eaves gutter for stopped end	No	21
E	Extra over 150mm eaves gutter for outlet to 150mm downpipe	No	18
F	Extra over rainwater pipe for swan-neck for 150mm rainwater downpipe	No	18
G	Extra over 150mm diameter rainwater pipe for shoe	No	18

Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 09 - SANITARYWARE & RAINWATER DISPOS

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 10 - PAINTWORK</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Painting			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Paint Specifications</u>			
All painting shall be done in accordance with the Architects General Specifications			
<u>Colours</u>			
Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091			
All paint colours are to match the existing and to be approved by the Client			
Sample panels of 2 x 2m size for all paint colours are to be presented on the walls and building for approval by the Architect before any final paint orders are placed by the Contractor. The cost of these sample panels is to be included in the rates for each paintwork item in this bill.			
Carried Forward		R	
SECTION NO. 2 BILL NO. 10 - PAINTWORK			

Brought Forward

R

Previously painted surfaces:

Previously painted brick walls:

Where hairline cracks are evident, fill in cracks with suitable filler. After the filler has been applied and dried, sand over lightly to smooth before painting.

Where applicable, open up deeper cracks in a 'V' formation, remove residue, seal and fill cracks.

Previously painted plastered surfaces:

Surfaces shall be thoroughly washed down to remove dirt and other contaminants 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, sanded smooth and the surface coated with an approved primer

Previously painted plaster board:

Wash down ceilings and other plaster board surfaces with sugar soap and rinse well before painting

Previously painted metal surfaces:

Surfaces shall be thoroughly rubbed and cleaned down to remove dirt and other contaminants and sanded lightly to provide a key for subsequent coats. Blistered or peeling paint shall be completely removed down to bare metal and any rust encountered shall be removed. Surfaces shall be coated with an approved primer

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 a suitable filler and sanded smooth

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried Forward

R

SECTION NO. 2
BILL NO. 10 - PAINTWORK

Brought Forward

R

PAINTWORK, ETC. TO NEW WORK

SABS Approved paint applied in accordance with manufacturer's instructions:

ON PLASTER BOARD

Prepare surfaces and remove all loose material, apply one coat primer and two coats acrylic PVA paint:

A	On ceilings and cornices	m ²	41
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ON WOOD

Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:

B	On windows	m ²	34
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C	On interior and exterior doors	m ²	128
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D	On door frames	m ²	50
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E	On fascia boards and barge boards not exceeding 300mm wide	m	350
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F	On skirtings, rail, etc not exceeding 300mm girth	m	77
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ON METAL SURFACES

Apply one coat "Galvogrip" or equivalent self etching metal primer and two coats "Plascon" or equivalent velvago polyurethane satin gloss enamel paint to manufacturers specification, colour to later selection.

G	On windows	m ²	262
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H	On window burglar bars	m ²	262
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Carried Forward

R

SECTION NO. 2
BILL NO. 10 - PAINTWORK

Brought Forward			R
<u>ON FIBRE CEMENT SURFACES</u>			
<u>Prepare apply one coat plaster primer and two coats polyurethane enamel paint:</u>			
A	On downpipes not exceeding 300mm girth	m	102
B	On eaves gutters not exceeding 300mm girth	m	327
<u>PAINTWORK ETC TO PREVIOUSLY PAINTED SURFACES</u>			
<u>SABS Approved Paint applied in accordance with manufacturer's instructions:</u>			
<u>ON INTERNAL FLOATED PLASTER SURFACES</u>			
<u>Prepare and apply two coats approved clear matt finished paint, while retaining the aesthetic look and feel of the existing wall surfaces and where evident, any writings on the walls are to remain as is and only receive a clear matt finished protective coating:</u>			
C	On internal walls	m ²	3 681
<u>ON EXTERNAL FLOATED PLASTER SURFACES</u>			
<u>Prepare and repair as specified, brush to remove all loose contaminants, rinse and apply suitable bonding liquid one coat approved alkali resistant primer to bare substrate areas and two coats approved pure lime - based paint on existing painted surfaces:</u>			
D	On external walls	m ²	2 248
<u>ON WOOD SURFACES</u>			
<u>Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:</u>			
E	On ceilings and cornices	m ²	27
Carried Forward			R
SECTION NO. 2 BILL NO. 10 - PAINTWORK			

Brought Forward

R

ON SMOOTH CONCRETE SURFACES

One coat primer and two coats superior quality acrylic emulsion pain for interior and exterior use including stopping blow holes

A	Concrete ceiling soffits	m ²	355
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Prepare and apply 2 coats "Dekster" or similar approved Epoxy Clear Sealer

B	On concrete floors	m ²	1 237
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Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 10 - PAINTWORK

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2 : BUILDING WORK</u>			
<u>BILL NO. 10 - PROVISIONAL SUMS</u>			
<u>PREAMBLES</u>			
The Contractor is referred to the Model Preambles (2008), Painting			
The Contractor is referred to all of the Architect's drawings for the following buildings; B058, B059, B060, B061, B062, B063, B064, B065 & B066			
The Contractor is referred to the Scope of Works Document			
The Contractor shall check the quantity & condition of all goods on taking delivery. Any goods missing or damaged shall be replaced at the Contractor's expense.			
Without in any way limiting the meaning and interpretation, general attendance on subcontractors shall include free of charge to the subcontractor the following services for the purpose of the relative subcontract works:			
1. access to the site and to the places where the work is to be carried out, including the use of any temporary personnel hoists erected by the Contractor for his own use;			
2. the provision of water, lighting and electric power to a position within 50 metres of the place where the work is to be carried out;			
3. the use of erected scaffolding belonging to the Contractor, in common with others having the like right whilst it so remains erected upon the site;			
4. the use of site services, messrooms, toilets, health and welfare facilities and the like, where provided;			
In the event of the Contractor allowing for profit and/or attendance, the amount will be subject to adjustment pro-rata to the actual value of the subcontractor work calculated in direct ratio to any adjustment to the Provisional Sum.			
Carried Forward			R
SECTION NO. 2 BILL NO. 11 - PROVISIONAL SUMS			

Brought Forward

R

BUDGETARY ALLOWANCES

ELECTRICAL INSTALLATION

A Add for profit and attendance upon above, if required

15.00%

Carried Forward to Summary of Section No.

R

SECTION NO. 2
BILL NO. 11 - PROVISIONAL SUMS

SECTION NO. 2 : BUILDING WORKS

SECTION SUMMARY

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	SUBTOTAL		R
	ADD Contingencies of 10% to be directed by the Architect or deducted in whole or in part from the contract amount if not required.		R
	Subtotal		R
	ADD VAT @ 15%		R
	TOTAL INCLUDING VAT		R
	TOTAL CARRIED TO FORM OF TENDER		R
			4 154 171.45