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# 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

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

		Brought Forward R	
	<b>OBJECTIVE AND PREPARATION</b>		
A	A2.0 OFFER, ACCEPTANCE AND PERFORM	ANCE	
	Clause 2.0		
	Fixed:Value related:	_Time related:	
В	A3.0 DOCUMENTS		
	Clause 3.0 Clause <b>3.1</b> is omitted. Clauses <b>3.2.2, 3.3, 3.5</b> and <b>3.6</b> are amended Clause <b>3.2.3</b> is added		
	Fixed:Value related:	_ Time related:	
С	A4.0 DESIGN RESPONSIBILITY		
	Clause 4.0 Clause <b>4.1</b> 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 <b>7.2, 7.3</b> and <b>7.4</b> are added		
	Fixed: Value related:	Time related:	
		Carried Forward R	
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		

		Brought Forward	R
A8.0 WORI	KS RISK		
Clause 8.0 Clause <b>8.4</b> is a	amended		
Fixed:	Value related:	Time related:	
A9.0 INDE	MNITIES		
Clause 9.0 Clause <b>9.2.7</b> is Clause <b>9.2</b> is a Clause <b>9.3</b> is a	amended		
Fixed:	Value related:	Time related:	
A10.0 WORI	KS INSURANCES		
Clause 10.0 Clause <b>10.4</b> is	omitted		
Fixed:	Value related:	Time related:	
A11.0 LIABI	LITY INSURANCES		
Clause 11.0 Clauses <b>11.1.</b>	<b>3 (a), (b), (c)</b> and <b>(d)</b> are added	d	
Fixed:	Value related:	Time related:	
A12.0 EFFE	CTING INSURANCES		
Clause 12.0 Clauses <b>12.2,</b>	12.3, 12.4, 12.5 and 12.6 are a	amended	
Fixed:	Value related:	Time related:	
A13.0 ASSI	GNMENT		
Clause 13.0			
Fixed:	Value related:	Time related:	
		Carried Forward	R
SECTION NO. BILL NO. 01- F	. 1 PRELIMINARIES & GENERAL		

	Brought Forward	R
А	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	
в	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:	
с	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:	
Е	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	2
А	A20.0 NOMINATED SUB-CONTRACTORS		
	Clause 20.0 Clause <b>20.1.1</b> is		
	Fixed: Value related: Time	related:	
в	A21.0 SELECTED SUBCONTRACTORS		
	Clause 21.0 Clauses <b>21.1.1</b> and <b>21.1.3</b> are amended		
	Fixed: Value related: Time	related:	
с	A22.0 EMPLOYER'S DIRECT CONTRACTORS		
	Clause 22.0		
	Fixed: Value related: Time	related:	
D	A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTO	DRS	
	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:	Fime related:	
G	A26.0 FINAL COMPLETION		
	Clause 26.0 Clauses <b>26.2.2</b> and <b>26.5.2</b> are amended		
	Fixed: Value related: Time	related:	
		Carried Forward R	
	SECTION NO. 1		
	BILL NO. 01- PRELIMINARIES & GENERAL		

		Brought Forward F	R
1	A27.0 LATENT DEFECTS LIABILITY PERIOD		
	Clause 27.0		
	Fixed:Value related:	_ Time related:	
	A28.0 SECTIONAL COMPLETION		
	Clause 28.0		
	Fixed:Value related:	_ Time related:	
	A29.0 REVISION OF DATE FOR PRACTICAL	COMPLETION	
	Clause 29.0 Clauses <b>29.1, 29.2</b> and <b>29.3</b> is amended Clause <b>29.9</b> is added		
	Fixed:Value related:	_ Time related:	
	A30.0 PENALTY FOR NON-COMPLETION		
	Clause 30.0 Clause <b>30.2</b> is amended		
	Fixed:Value related:	_ Time related:	
	PAYMENT		
	A31.0 INTERIM PAYMENT TO THE CONTRAC	TOR	
	Clause 31.0 Clauses 31.3, 31.5.3, 31.6.5, 31.8 and 31.9 are ar Clauses 31.16.1 and 31.16.2 is omitted Clause 31.4.4 is added	nended	
	Fixed:Value related:	_ Time related:	
	A32.0 ADJUSTMENT TO THE CONTRACT VA	LUE	
	Clause 32.0 Clauses <b>32.1</b> and <b>32.13</b> are amended		
	Fixed: Value related:	_ Time related:	
		Carried Forward F	२
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		

		Brought Forward	R
A	A33.0 RECOVERY OF EXPENSE AND LOSS	8	
	Clauses 33.1.8, 33.1.9, 33.1.10 and 33.1.11 is a	added	
	Fixed:Value related:	Time related:	
В	A34.0 FINAL ACCOUNT AND FINAL PAYME	ENT	
	Clause 34.0 Clause <b>34.10</b> is amended		
	Fixed:Value related:	Time related:	
с	A35.0 PAYMENT TO OTHER PARTIES		
	Clause 35.0		
	Fixed:Value related:	Time related:	
	TERMINATION		
	A36.0 TERMINATION BY EMPLOYER - CO	NTRACTOR'S DEFAUL⊺	
	Clause 36.0 Clauses <b>36.1, 36.1.1</b> and <b>36.1.2</b> are amended Clauses <b>36.1.3</b> and <b>36.1.4</b> are added		
	Fixed:Value related:	Time related:	
D	A37.0 TERMINATION BY EMPLOYER - LOS	S AND DAMAGE	
	Clause 37.0 Clause <b>37.1.3</b> is added		
	Fixed:Value related:	Time related:	
Е	A38.0 TERMINATION BY CONTRACTOR - EM	IPLOYER'S DEFAULT	
	Clause 38.0 Clause <b>38.1.1</b> is omitted Clauses <b>38.1.4</b> and <b>38.3</b> are amended		
	Fixed:Value related:	Time related:	
		Carried Forward	R
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		

	Brought Forward	R
A39.0 TERMINATION - CESSATION OF THE	EWORKS	
Clause 39.0		
ixed:Value related:	Time related:	
DISPUTE		
40.0 DISPUTE SETTLEMENT Hause 40.0 Hauses 40.2.2, 40.3.2, 40.3.3 and 40.3.4 are a	mended	
Clause <b>40.4</b> is omitted		
Fixed:Value related:	Time related:	
CONTRACT AGREEMENT		
A41.0 POST TENDER PROVISIONS Clause 41.0		
Fixed: Value related:	Time related:	
A42.0 CONTRACTUAL AGREEMENT		
Clause 42.0		
Clauses 42.2 is omitted		
Fixed:Value related:	Time related:	
	Carried Forward	R
SECTION NO. 1		
BILL NO. 01- PRELIMINARIES & GENERAL		

		Brought Forward R			
	SECTION B: PRELIMINARIES				
	Please refer to the Contract Data for the full intent and additional information relevant to the standard clauses referenced below				
	<b>B1.0: DEFINITIONS AND INTERPRETATION</b>				
А	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				
в	B2.1 Checking of documents				
	Fixed:Value related:	Time related:			
с	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 PRO	OPERTIES			
	In respect of clause 3, Tenderers shall be deeme provision in their tender for all site circumstances no claims in this respect will be considered.				
Е	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 R			
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL				

	Brought Forward	F
AMPLES, SHOP DRAWINGS AND MA	NUFACTURERS' INSTRUCTIONS	
Samples of materials		
Value related:	Time related:	
Workmanship samples		
Value related:	Time related:	
Shop drawings		
Value related:	Time related:	
Compliance with manufacturers' in	ostructions	
Value related:	Time related:	
DEPOSITS AND FEES		
Deposits and fees		
Value related:	Time related:	
TEMPORARY SERVICES		
Water		
Value related:	Time related:	
Electricity		
Value related:	Time related:	
Telecommunication facilities		
Value related:	Time related:	
Ablution facilities		
Value related:	Time related:	
PRIME COST AMOUNTS		
Responsibility for prime cost amount	's	
Value related:	Time related:	
	Carried Forward	F
ON NO. 1 IO. 01- PRELIMINARIES & GENERAL		

		Brought Forward R	R
	B8.0 SPECIAL ATTENDANCE ON N/S SUB	CONTRACTORS	
A	B8.1 Special attendance		
	Fixed: Value related:	Time related:	
	B9.0: GENERAL		
В	B9.1 Protection of the works		
	Fixed:Value related:	Time related:	
С	B9.2 Protection / isolation of existing / sec	tionally occupied works	
	Fixed: Value related:	Time related:	
D	B9.3 Security of the works		
	Fixed:Value related:	Time related:	
Е	B9.4 Notice before covering work		
	Fixed:Value related:	Time related:	
F	B9.5 Disturbance		
Г	Fixed: Value related:	Time related:	
	Value Telated		
G	B9.6 Environmental disturbance		
	Fixed:Value related:	Time related:	
Н	B9.7 Works cleaning and clearing		
	Fixed:Value related:	Time related:	
Ι	B9.8 Vermin		
	Fixed: Value related:	Time related:	
J	B9.9 Overhand work		
	Fixed: Value related:	Time related:	
		Carried Forward R	
	SECTION NO. 1	Gaineu Foiwaru R	
	BILL NO. 01- PRELIMINARIES & GENERAL		

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### Brought Forward

## 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

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

**Carried Forward** 

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### Brought Forward

#### 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 <u>prior</u> 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

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

ltem No		Quantity	Rate	Amount R
110	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 01 - ALTERATIONS AND DEMOLITIONS			
	PREAMBLES			
	The Contractor is referred to the Model Preambles (2008), Alterations			
	The Contractor is referred to the Architect's drawings			
	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			
	SUPPLEMENTARY PREAMBLES			
	Works on site			
	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			
	<u>View site</u>			
	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			
	<b>Carried Forward</b> SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS		R	

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### **Brought Forward**

#### 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., must be regularly carted from the site, and not be allowed to accumulate on, or around, the site

#### 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

#### 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)

#### **Carried Forward**

SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS

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#### 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

#### <u>General</u>

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

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)

#### Prices

The Contractor is hereby deemed to have taken all these supplementary Preambles into account in his pricing

### <u>NOTE</u>

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

The Contractor is referred to the Architectural drawing DACOOO5O-B231-1

#### **Carried Forward**

SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS

	Brought Forward			R	ĺ
	REMOVAL OF EXISTING WORK				
	Taking off and removing floor coverings:				
А	Remove existing timber boarded floors (Provisional).	m²	26		
	<u>Taking out and removing sundry joinery work,</u> <u>fittings, etc:</u>				
В	Timber skirtings from brickwork (Provisional).	m	26		
	Remove existing sanitary fittings:				
С	Remove existing toilet seats fixed to the existing toilets (Room 002 & 006).	No	4		
	Remove existing curtain railing:				
D	Remove existing stainless steel curtain rails fixed to brick walls above windows, with approximate size: 30mm diameter x 2400mm long (Room 005 - Window type W4).	No	2		
	Take down and removing gutters including downpipes and cart off site:				
E	Remove existing half-round PVC gutters with approximate size: 120mm fixed to fascia boards with and including clips, complete.	m	11		
F	Remove existing half-round metal gutters with approximate size: 150mm diameter fixed to fascia boards with and including clips, complete.	m	88		
G	Remove existing metal downpipes with approximate size: 150mm diameter with and including offsets, shoes and brackets, complete.	m	60		
	Take down and remove fascia and barge boards:				
Н	Remove existing fascia and barge boards with approximate size: 12 x 300mm wide fixed to timber rafters.	m	117		
	<u>Remove existing balustrading, including handrails, complete:</u>				
Ι	Remove existing metal balustrading, including handrails with approximate size: 8000 (L) x 1500mm (H)	m	8		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS				
					l

	Brought Forward			R	
	Remove existing burglar bars:				
A	Remove existing metal burglar bars to opening sashes of approximate overall window opening size: 2000 (L) x 2300mm (H) (Room 005 - Window type W4).	No	2		
	SERVICING AND REPAIRS TO EXISTING ROOFS				
	Repair work to asbestos roof sheeting:				
В	Inspect existing asbestos roof sheeting for leaks/holes, and where required, repair roof covering with a suitable fibre reinforced waterproofing compound. Roof covering to be left in a clean and watertight condition in preparation to received new paint (paint elsewhere measured).	m²	723		
	CLEAN DOWN SURFACES				
	Clean Asbestos cement roof by means of high pressure water jet including pitches not exceeding 25 degrees, valleys, hips, gable ends etc, thoroughly cleaning and brushing down of all dirt, scale and general surface contamination, locating leaks and making watertight, refixing loose screws, replacing damaged or missing screws, etc. and leave perfectly clean on completion in preparation to receive new paint (new paint elsewhere measured) (contractor to follow precautionary guidelines as per Occupational Health & Safety Act):				
с	Waterjet profiled Asbestos cement roof covering with pitch not exceeding 25 degrees	m²	723		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS				

					- <b>J</b> - (	
	Brought Forward			R		
	<u>SERVICING OF WINDOWS, DOORS, PLUMBING,</u> <u>ETC.</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:					
A	Service existing steel windows, including burglar bars, with approximate overall size: 550 x 1000mm high (Window type W1).	No	4			
В	Service existing steel windows, including burglar bars, with approximate overall size: 1500 x 1000mm high (Window type W2).	No	2			
С	Service existing steel windows, including burglar bars, with approximate overall size: 1000 x 1500mm high (Window type W3).	No	1			
D	Service existing steel windows, including burglar bars, with approximate overall size: 2000 x 2300mm high (Window type W4).	No	13			
E	Service existing steel windows, including burglar bars, with approximate overall size: 600 x 1200mm high (Window type W5).	No	3			
	Attend to, service and repair as necessary all timber doors including replacing any defective or missing parts:					
F	Service existing timber double door with approximate overall size: 1600 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (Door type D2 & D3).	No	6			
G	Service existing timber single door with approximate overall size: 900 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (Door type D1 & D4).	No	12			
Н	Service existing timber double door with approximate overall size: 1300 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (Door type D5).	No	1			
	Carried Forward			R		+
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS					
	Page10 of 40					

	Brought Forward			R	
	Attend to, service and repair as necessary all sanitary fittings, taps including replacing any defective or missing parts:				
	<u>Outer edges of urinals, wash hand basins, water</u> <u>closets, etc. are to be sealed with new anti-fungal joint</u> <u>sealant against adjacent surfaces with approved silicone</u>				
A	Service existing wash hand basins including taps, etc. (Room 002 & 006).	No	4		
В	Service existing WC pans including cisterns, etc. (Room 002 & 006).	No	4		
С	Service existing bowl urinals (Room 002).	No	3		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS AND DEMOLITIONS				

	Quantity	Rate	Amour R
SECTION NO. 2 : BUILDING WORK			
BILL NO. 02 - WATERPROOFING			
PREAMBLES			
The Contractor is referred to the Model Preambles (2008), Alterations			
The Contractor is referred to the Architect's drawings			
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			
SUPPLEMENTARY PREAMBLES			
Waterproofing			
Installation by Approved Waterproofing Contractor			
Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs			
Waterproofing to roofs, basements, parking decks, etc. Must be installed by Manufacturer approved contractors.			
Preparation of Substrates & Surfaces			
Substrates and surfaces must be smooth, clean, free of contaminants and dry			
Substrates and surfaces must be prepared in accordance with manufacturer's instructions			
The contractor is to allow for the cost of substrate preparation in the rates for Waterproofing items			
Carried Forward		R	
SECTION NO. 2 BILL NO. 02 - WATERPROOFING			

	Brought Forward	I		R	
	NOTE				
	Unless otherwise described, all work in this trade is to be carried out in/to an existing building				
	WATERPROOFING TO CONCRETE ROOF				
	Prime surface with bitumen primer and apply one layer "Derbigum SP4" or similar approved waterproofing membrane with 75mm side laps and 200mm end laps, sealed to primed surface to falls and cross falls by "torchfusion" laid in accordance with manufacturer's instructions.				
А	On concrete flat roof.	m²	40		
	PROTECTIVE PAINT				
	<u>Two coats "Silvakote" or similar approved</u> <u>bituminous aluminium paint:</u>				
В	On waterproofing to concrete flat roof.	m²	40		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 02 - WATERPROOFING				

ltem No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 03 - CARPENTRY AND JOINERY			
	PREAMBLES			
	The Contractor is refered to the Model Preambles (2008), Carpentry and Joinery			
	The Contractor is refered to the Architects drawings			
	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			
	SUPPLEMENTARY PREAMBLES			
	Joinery:			
	Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
	<u>Sizes:</u>			
	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.			
	Prices			
	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.			
	<u>General</u>			
	The contractor is to verify all joinery sizes on site prior to the installation thereof			
	Carried Forward		R	
	SECTION NO. 2 BILL NO. 03 - CARPENTRY AND JOINERY			
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	Brought Forward	d		R	
	NOTE				
	Unless otherwise described, all work in this trade is to be carried out in/to an existing building				
	FLOORS, ETC.				
	Wood flooring to match existing:				
A	Timber boarded flooring laid in patches to match existing (Provisional)	m²	26		
	SKIRTINGS, NOSINGS, ETC				
	Wrought hardwood or similar approved skirting to match existing:				
В	19 x 70mm 'Selected" Meranti hardwood skirting, plugged and pelleted to brick walls (Provisional)	m	26		
	EAVES, VERGES, ETC.				
	<u>'Nutec' or similar approved fascia boards, medium</u> density plain fibre cement fascia and barge boards fixed with and including fittings and fixing accessories, all in accordance with the manufacturers instructions:				
С	Approximately 12 x 300mm wide fascias and barge boards	m	117		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 03 - CARPENTRY AND JOINERY				

ltem No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 04 - METALWORK			
	PREAMBLES			
	The Contractor is refered to the Model Preambles (2008), Ironmongery			
	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			
	SUPPLEMENTARY PREAMBLES			
	NOTE			
	Unless otherwise described, all work in this trade is to be carried out in/to an existing building			
	The Contractor is referred to the Architectural drawing DACOO050-B231-1			
	Carried Forward		R	
	SECTION NO. 2 BILL NO. 04 - METALWORK			

	Brought Forward			R		
	<u>BLINDS</u>					
	Note: The descriptions of the items below only state the approximate "overall dimensions" of the windows and doors that should receive blinds. The Contractor is to take accurate measurements on site before placing any orders for blinds. The contractor must should also take special care around opening sections of doors and windows and ensure that the blinds are fixed appropriately in these areas, including cut outs in the blinds if necessary.					
	Supply and install 50mm aluminium window blinds complete. "Taylor Blinds" or similar approved "Matt Silver" manually operated 50mm standard light reduction, privacy and light control aluminium Venetian Blind with Classic string tape face fixed to brick or reinforced concrete walls and controlled with hand operated lift and tilt cords, including all end caps, metal top track and cover etc.					
A	Blind to fit windows with approximate overall size 2000 x 2300mm high (Window type W4)	No	2			
	GALVANISED STEEL BURGLAR BARS					
	Galvanised mild steel burglar screens comprising of <u>3mm expanded metal mesh welded to frame of 20 x</u> 20 x 3mm flat horizontal and vertical bars anchored to wall with galvanised chemical bolts welded to frame:					
В	Steel burglar bars to opening sashes of existing steel windows with approximate overall window opening size: 2000 (L) x 2300mm (H), including all associated ironmongery fixing items, complete (Room 005 - Window type W4).	No	2			
	Carried Forward			R		
	SECTION NO. 2 BILL NO. 04 - METALWORK					

				Joh	n Craig Hall (B	231)
	Brought Forward			R		
	HOT DIPPED GALVANISED STEEL BALUSTRADING INCLUDING HOT DIPPED GALVANISED STEEL HANDRAILS					
	All balustrades and handrail sizes are approximate measurements.					
	Supply and install complete galvanized steel balustrade including galvanised steel handrail. The balustrade shall be comprised of 10 x 50mm galvanized steel vertical stanchions welded to 55 x 100 x 6mm thick galvanised steel base plates, including fixing of base plate to reinforced concrete stairs with 2x Hilti Hit- Hy chemical anchor bolts and sealing after tightening. The vertical stanchions are to include 10 x 65mm galvanised steel flat plates welded to the side of the stanchions and frame all around. Allow for slotted holes in both bottom and top plates to take bolt fixing. The balustrade shall include 12 x 75 x 4mm galvanised steel medium general mesh welded between 30 x 30mm angle frame and cover plate. The handrail shall be a 50mm diameter galvanised steel handrail with capped ends, fixed to the vertical stanchions. The complete balustrade and handrail installation shall include all paint finishes to steel, all as per the Architects specifications.					
A	Approximately1500mm high galvanised steel raking balustrade including galvanised steel handrail	m	5			
В	Approximately 1500mm high galvanised steel horizontal balustrade including galvanised steel handrail	m	10			
с	Extra over for corner intersection	No	3			
D	Extra over for closed end	No	3			
	Carried Forward			R		
	SECTION NO. 2 BILL NO. 04 - METALWORK					

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	Brought Forward		R		
	Supply and install complete galvanized steel balustrade including galvanised steel handrail. The balustrade shall be comprised of 10 x 50mm galvanized steel vertical stanchions welded to the existing steel staircase. The balustrade shall include 12 x 75 x 4mm galvanised steel medium general mesh welded between 30 x 30mm angle frame and cover plate. The handrail shall be a 50mm diameter galvanised steel handrail with capped ends, fixed to the vertical stanchions. The complete balustrade and handrail installation shall include all paint finishes to steel, all as per the Architects specifications.				
	All balustrades and handrail sizes are approximate measurements.				
A	Approximately 1500mm high galvanised steel raking balustrade including galvanised steel handrail m	6			
	Carried Forward to Summary of Section No.		R		
	SECTION NO. 2 BILL NO. 04 - METALWORK				
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ltem No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 05 - SANITARYWARE & RAINWATER DISPOSAL			
	PREAMBLES			
	The Contractor is referred to the Model Preambles (2008), Plumbing and Drainage			
	The Contractor is referred to the Architects drawings			
	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			
	SUPPLEMENTARY PREAMBLES			
	NOTE			
	Unless otherwise described, all work in this trade is to be carried out in/to an existing building			
	SANITARY FITTINGS			
	"Vaal" or similar approved vitreous china WC suites:			
A	White plastic heavy duty double flap toilet seat, including fixing to existing water closet panNo	4		
	Carried Forward		R	
	SECTION NO. 2 BILL NO. 05 - SANITARYWARE & RAINWATER DISPOS			

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	Brought Forward			R		
	RAINWATER DISPOSAL					
	Powder coated aluminium 150mm Box profile aluminium seamless gutter, overall size 150 x 140 x 0,9mm thick, coated internally and externally with powder epoxy type finish, including cut and mitred angles covered with a mitre strip externally, stop ends riveted and all sealed on the inside with "Dow Corning 813 silicone" or equivalent sealer, all secured to existing asbestos roof sheets with and including 25 x 2,5mm galvanised metal L - Shaped and internal brackets at 600mm centres using aluminium pop rivets. Downpipes shall be 100 x 75 x 0,6mm thick powder coated aluminium downpipe fixed to wall brick walls with straps at 1500mm centres using nail plugs, with downpipes riveted and silicone sealed to gutter outlets, including all necessary bends, elbows, shoes etc.					
A	Supply and install 150 x 140 x 0.9mm thick aluminium industrial box gutter	m	99			
В	Supply and install 100 x 75 x 0.6mm thick seamless aluminium downpipe	m	60			
С	Extra over gutter for stopped end for 100 x 75mm rainwater downpipe	No	8			
D	Extra over gutter for outlet for 100 x 75mm rainwater downpipe	No	12			
Е	Extra over rainwater pipe for swan-neck for 100 x 75mm rainwater downpipe	No	12			
F	Extra over rainwater pipe for shoe for 100 x 75mm rainwater downpipe	No	12			
	Carried Forward to Summary of Section No.			R		
	SECTION NO. 2 BILL NO. 05 - SANITARYWARE & RAINWATER DISPOS					
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ltem No		Quantity	Rate	Amount R	
	SECTION NO. 2 : BUILDING WORK				
	BILL NO. 06 - GLAZING				
	PREAMBLES				
	The Contractor is refered to the Model Preambles (2008), Glazing				
	The Contractor is referred to the Architects and Engineers drawings and specifications				
	SUPPLEMENTARY PREAMBLES				
	Float glass				
	The term "float glass" is used for monolithic annealed glass				
	NOTE				
	Unless otherwise described, all work in this trade is to be carried out in and to existing building				
	GLAZING TO STEEL WITH PUTTY				
	<u>4mm Clear float glass:</u>				
А	Panes exceeding 0,5m <sup>2</sup> and not exceeding 2m <sup>2</sup> (Provisional). m <sup>2</sup>	1			
В	Panes exceeding 4m <sup>2</sup> and not exceeding 6m <sup>2</sup> (Provisional). m <sup>2</sup>	3			
	Carried Forward to Summary of Section No.		R		
	SECTION NO. 2 BILL NO. 06 - GLAZING				

ltem No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 07 - PAINTWORK			
	PREAMBLES			
	The Contractor is referred to the Model Preambles (2008), Painting			
	The Contractor is referred to the Architects drawings			
	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			
	SUPPLEMENTARY PREAMBLES			
	Paint Specifications			
	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 colours to be selected by the Architect			
	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 SECTION NO. 2 BILL NO. 07 - PAINTWORK		R	
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	Brought Forward			R	
	PAINTWORK ETC TO PREVIOUSLY PAINTED SURFACES				
	SABS Approved Paint applied in accordance with manufacturer's instructions:				
	ON INTERNAL FLOATED PLASTER SURFACES				
	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 acrylic paint on existing water-based painted surfaces:				
А	On Walls	m²	869		
	ON EXTERNAL FLOATED PLASTER SURFACES				
	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 acrylic paint on existing water-based painted surfaces:				
в	On external walls	m²	1 061		
	ON WOOD SURFACES				
	Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:				
с	On doors	m²	7		
D	On door frames, etc	m²	15		
Е	On skirtings, rails, etc. not exceeding 300mm girth	m	89		
F	On ceilings and cornices	m²	435		
G	On eaves soffits	m²	29		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 07 - PAINTWORK				

	Brought Forward			R
	<u>Clean, fill holes, sand down and prepare wood</u> <u>surfaces and apply three coats polyurethane varnish</u> with light sanding between coats:			
A	On doors	m²	80	
В	On door frames, etc	m²	56	
С	On skirtings, rails, etc. not exceeding 300mm girth	m	90	
D	On ceilings	m²	16	
Е	On timber cladded walls	m²	62	
F	On timber floors	m²	352	
G	On treads and risers of stairs	m²	10	
	ON METAL SURFACES			
	Apply one coat "Galvogrip" or equivalent self etching metal primer and two coats "Plascon" or equivalent velvaglo polyurethane satin gloss enamel paint to manufacturers specification, colour to later selection.			
Н	On windows	m²	141	
I	On window burglar bars	m²	141	
	Carried Forward			R
	SECTION NO. 2 BILL NO. 07 - PAINTWORK			

	Brought Forward	k k		R	
	ON CONCRETE SURFACES				
	One coat primer and two coats superior quality acrylic emulsion paint for interior and exterior use, including stopping blow holes:				
А	On ceilings and beams	m²	35		
В	On eaves soffits	m²	15		
	ON FIBRE CEMENT SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
С	On fascia boards and barge boards not exceeding 300mm wide	m	117		
	ON ASBESTOS SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats "Rockgrip" or equal approved pure acrylic paint:				
D	On corrugated profile roof sheeting	m²	723		
	Carried Forward to Summary of Section No.			R	[
	SECTION NO. 2 BILL NO. 07 - PAINTWORK				 ╞

ltem No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 08 - PROVISIONAL SUMS			
	PREAMBLES			
	The Contractor is referred to the Model Preambles (2008), Painting			
	The Contractor is referred to the Architects drawings			
	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.			
			<b>1</b>	
	Carried Forward SECTION NO. 2 BILL NO. 08 - PROVISIONAL SUMS		R	

	Brought Forward		R	
	ELECTRICAL INSTALLATION			
A	Provide the sum of for the complete supply and installation of new electrical work, which includes the removal and replacement of existing light fittings.	Sum		
В	Add for profit and attendance upon above, if required		%	
	MECHANICAL INSTALLATION			
С	Provide the sum of for the complete supply and installation of new mechanical work, which includes the possible installation of new HVAC systems as required.	Sum		
D	Add for profit and attendance upon above, if required		%	
	Carried Forward to Summary of Section No.		R	
	SECTION NO. 2 BILL NO. 08 - PROVISIONAL SUMS			

	SECTION NO. 2 : BUILDING WORKS				
Bill No	SECTION SUMMARY	Page No		Amount R	
1	BILL NO. 01 - ALTERATIONS AND DEMOLITIONS	20			_
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3	BILL NO. 03 - CARPENTRY AND JOINERY	24			-
4	BILL NO. 04 - METALWORK	28			-
5	BILL NO. 05 - SANITARYWARE & RAINWATER DISPOSAL	30			-
6	BILL NO. 06 - GLAZING	31			_
7	BILL NO. 07 - PAINTWORK	36			_
8	BILL NO. 08 - PROVISIONAL SUMS	38			_
	Carried to Tender Summary SECTION NO. 2		R		

	FINAL SUMMARY				1
Section No		Page No		Amount R	1
1	SECTION NO. 1 : PRELIMINARIES & GENERAL	13			<b></b>
2	SECTION NO. 2 : BUILDING WORKS	39			
	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		1
	TOTAL INCLUDING VAT		R		
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