Amount

R

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

"Programme", are amended

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",

Fixed:_____ Value related:_____ Time related:_____

Carried Forward

R

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

		Brought Forward R
	OBJECTIVE AND PREPARATION	
Α	A2.0 OFFER, ACCEPTANCE AND PERFORM	MANCE
	Clause 2.0	
	Fixed:Value related:	_ Time related:
В	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:
С	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:
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL	Carried Forward R

	Brought Forward R
Α	A8.0 WORKS RISK
	Clause 8.0 Clause 8.4 is amended
	Fixed: Value related: Time related:
В	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:
С	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:
Е	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 R
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL

	Brought Forward R	
Α	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 R	
Α	A20.0 NOMINATED SUB-CONTRACTORS		
	Clause 20.0 Clause 20.1.1 is		
	Fixed:Value related:	_Time related:	
В	A21.0 SELECTED SUBCONTRACTORS		
	Clause 21.0 Clauses 21.1.1 and 21.1.3 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 SUBCONT	RACTORS	
	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	
	SECTION NO. 1		
	BILL NO. 01- PRELIMINARIES & GENERAL		

	Brought Forward R		
Α	A27.0 LATENT DEFECTS LIABILITY PERIOD		
	Clause 27.0		
	Fixed: Value related: Time related:		
В	A28.0 SECTIONAL COMPLETION		
	Clause 28.0		
	Fixed: Value related: Time related:		
С	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		
Е	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		
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		
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		Brought Forward R
Α	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:
В	A34.0 FINAL ACCOUNT AND FINAL PAYMENT	
	Clause 34.0 Clause 34.10 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 - CONTRACT	OR'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 D	AMAGE
	Clause 37.0 Clause 37.1.3 is added	
	Fixed: Value related: Time	related:
Е	A38.0 TERMINATION BY CONTRACTOR - EMPLOYER	R'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:
		Carried Forward R
	SECTION NO. 1	
	BILL NO. 01- PRELIMINARIES & GENERAL	

	Brought Forward R	
Α	A39.0 TERMINATION - CESSATION OF THE WORKS	
	Clause 39.0	
	Fixed: Value related: Time related:	
	<u>DISPUTE</u>	
В	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	
С	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:	
	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
	B1.0: DEFINITIONS AND INTERPRETATION
4	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
3	B2.1 Checking of documents
	Fixed: Value related: Time related:
;	B2.2 Bills of quantities
	Fixed: Value related: Time related:
١	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.
:	B3.1 Previous work - dimensional accuracy
	Fixed: Value related: Time related:
:	B3.2 Previous work - defects
	Fixed: Value related: Time related:
i	B3.3 Inspection of adjoining properties
	Fixed: Value related: Time related:
	Carried Forward R
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL

			Brought Forward R	
	B4: SAMPLES, SHOP DRAV	VINGS AND MANUFACTURERS' II	NSTRUCTIONS	
Α	B4.1 Samples of material	's		
	Fixed:Value re	elated: Time related:_		
В	B4.2 Workmanship samp	les		
	Fixed: Value re	elated: Time related:_		
С	B4.3 Shop drawings			
	Fixed:Value re	elated: Time related:_		
D	B4.4 Compliance with ma	anufacturers' instructions		
	Fixed:Value re	elated: Time related:_		
	B5.0: DEPOSITS AND FEES	1		
Е	B5.1 Deposits and fees			
	Fixed:Value re	elated: Time related:_		
	B6.0: TEMPORARY SERVICE	ES		
F	B6.1 Water			
	Fixed:Value re	elated: Time related:_		
G	B6.2 Electricity			
	Fixed: Value re	elated: Time related:_		
н	B6.3 Telecommunication	facilities		
	Fixed:Value re	elated: Time related:_		
1	B6.4 Ablution facilities			
	Fixed:Value re	elated: Time related:_		
	B7.0 PRIME COST AMO	UNTS		
J	B7.1 Responsibility for prin	ne cost amounts		
	Fixed: Value re	elated: Time related:_		
			Carried Forward R	
	SECTION NO. 1			
	BILL NO. 01- PRELIMINARIE	S & GENERAL		

	Brought Forward R	
	B8.0 SPECIAL ATTENDANCE ON N/S SUBCONTRACTORS	
Α	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 / sectionally 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	
•	Fixed: Value related: Time related:	
G	B9.6 Environmental disturbance	
	Fixed: Value related: Time related:	
Н	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 R	
	SECTION NO. 1	
	BILL NO. 01- PRELIMINARIES & GENERAL	

	Brought Forward R
	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
Α	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:
В	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:
С	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 R
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL

	Brought Forward F
Α	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:
В	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:
С	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
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 01 - ALTERATIONS			
	PREAMBLES			
	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; B319, B320, B321, B322, B323 & B324			
	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			
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS		R	

Brought Forward	R		
<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			
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			
Carried Forward	R		
SECTION NO. 2 BILL NO. 01 - ALTERATIONS			

Brought Forward	R	
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		
<u>Dust pollution</u>		
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)		
<u>Prices</u>		
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 existing buildings		
Carried Forward	R	
SECTION NO. 2 BILL NO. 01 - ALTERATIONS		

	Brought Forward			R	
	REMOVAL OF EXISTING WORK		ľ		
	Taking off and removing floor coverings:				
Α	Remove existing timber boarded floors (Provisional)	m²	45		
	Taking out and removing sundry joinery work, fittings, etc:				
В	Timber skirtings from brickwork (Provisional)	m	101		
	Remove existing sanitary fittings:				
С	Remove existing stainless steel single bowl drop-in sink, including taps, etc. complete, with approximate overall size: 2000 x 600mm wide	No	1		
D	Remove existing water closet pans including cisterns, toilet seat, etc. complete	No	5		
E	Remove existing wash hand basin including taps, etc. complete	No	3		
	Take down IBR roof sheeting and cart off site:				
F	Remove existing profiled roof covering and side cladding sheets.	m²	85		
	Take down and removing gutters including downpipes and cart off site:				
G	Remove existing half-round asbestos gutters with approximate size: 150mm diameter fixed to fascia boards with and including clips, complete (Provisional)	m	54		
Н	Remove existing asbestos downpipes with approximate size: 150mm diameter with and including offsets, shoes and brackets, complete (Provisional)	m	31		
	Take down and remove fascia and barge boards:				
I	Remove existing fibre cement fascia and barge boards with approximate size: 12 x 350mm wide fixed to timber rafters, etc. (Provisional)	m	120		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
	CLEAN DOWN SURFACES				
	Clean asbestos and fibre cement roofs 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):				
Α	Waterjet profiled asbestos roof covering with pitch not exceeding 25 degrees	m²	583		
В	Waterjet profiled fibre cement roof covering with pitch not exceeding 25 degrees	m²	450		
	SERVICING OF WINDOWS, DOORS, PLUMBING, ETC.				
	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:				
С	Service existing steel windows, including burglar bars, with overall size: 957 x 1814mm high (B319: Window type W4)	No	2		
D	Service existing steel windows, including burglar bars, with overall size: 900 x 480mm high (B321: Window type W1)	No	2		
E	Service existing steel windows, including burglar bars, with overall size: 470 x 880mm high (B321: Window type W2)	No	3		
F	Service existing steel windows, including burglar bars, with overall size: 1435 x 625mm high (B322: Window type W1)	No	17		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
	Attend to, service, re-align and repair as necessary all timber windows including removing existing putty, applying new putty and replacing any defective or missing parts:				
Α	Service existing timber windows, including burglar bars, with overall size: 1070 x 2064mm high (B319: Window type W1).	No	14		
В	Service existing timber windows, including burglar bars, with overall size: 2116 x 2064mm high (B319: Window type W2)	No	4		
С	Service existing timber windows, including burglar bars, with overall size: 2189 x 988mm high (B319: Window type W3)	No	1		
D	Service existing timber windows, including burglar bars, with overall size: 600 x 600mm high (B323: Window type W1)	No	4		
E	Service existing timber windows, including burglar bars, with overall size: 1465 x 1200mm high (B324: Window type W1)	No	15		
	Attend to, service and repair as necessary all timber doors including replacing any defective or missing parts:				
F	Service existing timber single door, glass pane including fanlight, with overall size: 936 x 2732mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D1)	No	1		
G	Service existing timber double door, glass panelled including fanlight, with approximate overall size: 1690 x 2732mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D2)	No	2		
Н	Service existing timber single door, including fanlight, with overall size: 848 x 2627mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D3)	No	1		
I	Service existing timber single door, including fanlight, with overall size: 936 x 2818mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D4)	No	1		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
Α	Service existing timber single door with overall size: 835 x 2022mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D6)	No	6		
В	Service existing timber single sliding door with overall size: 999 x 2127mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D7)	No	1		
С	Service existing timber double door with overall size: 1622 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B324: Door type D2)	No	1		
D	Service existing timber single door with overall size: 737 x 2015mm high including hinges and ensure that door is properly aligned to open and close correctly (B321: Door type D1)	No	2		
Ε	Service existing timber single door with overall size: 737 x 2015mm high including hinges and ensure that door is properly aligned to open and close correctly (B321: Door type D1)	No	3		
F	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 (B322, B322 & B324: Door type D1)	No	6		
G	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 (B323: Door type D2)	No	2		
Н	Service existing timber single door, including fanlight, with overall size: 935 x 2649mm high including hinges and ensure that door is properly aligned to open and close correctly (B319: Door type D5)	No	1		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

Item No		Quantity	Rate	Amount 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 all of the Architect's drawings for the following buildings; B319, B320, B321, B322, B323 & B324			
	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 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 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			R	
	<u>NOTE</u>				
	Unless otherwise described, all work in this trade is to be carried out in/to existing buildings				
	PROTECTIVE FIBRE REINFORCED BANDS TO ROOFS				
	Prepare and apply "Sika Multiseal Sealant Band" similar approved waterproofing band including one coat "CPC500" or similar approved paint:				
Α	On profiled asbestos roof covering (Provisional)	m²	117		
В	On profiled fibre cement roof covering (Provisional)	m²	90		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 02 - WATERPROOFING				

Item No		Quantity	Rate	Amount R	
	SECTION NO. 2				
	BILL NO. 03 - ROOF COVERINGS, ETC.				
	PREAMBLES				
	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; B319, B320, B321, B322, B323 & B324				
	The Contractor is referred to the Scope of Works Document				
	Descriptions of all roof coverings are deemed to include for all straight cutting				
	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				
	<u>General</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.				
	Sheeting				
	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'.				
	Carried Forward		R		_
	SECTION NO. 2 BILL NO. 03 - ROOF COVERINGS, ETC				

Brought Forward	R	
<u>Fixing</u>		
The installing of roof coverings cost to include locating all existing water leakages to roof and to be made watertight.		
<u>Flashings</u>		
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).		
Flashing finish must match and be the same as the roof sheeting it follows.		
<u>Guarantee</u>		
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.		
Carried Forward	R	
SECTION NO. 2 BILL NO. 03 - ROOF COVERINGS, ETC		

ı	Brought Forward		R	l I
Clea	ıning, etc.			
All d clad fixing surp rivet flash	lebris, swarf, etc. arising from the fixing of the ding shall be removed from the sheeting as the g progresses. In addition, off-cuts of insulation, lus fasteners and sealants, mandrels from pop s, off-cuts of flashings and sheeting, surplus hing, food packaging, cartons, bottles, cans, etc shall be left on the roof or in the gutters.			
ente	e shall be taken to ensure that no such material rs, blocks or partially impedes the flow of water into butlets, down pipes, etc.			
Meta	al roof sheeting			
	tractor to provide a 20 year guarantee for both the erial and the paintwork of the sheeting			
the of information in the contract of the cont	ise note that the sheeting supplier / installer through contractor should timeously (before installation) on the Principal Agent of any aspect of the allation or the environment in which the sheeting is d or the application that could have a negative affect warranties (e.g. bending the sheets, the fixings, etc.)			
Stra	ight cutting			
	criptions of all roof coverings are deemed to include all straight cutting			
NOT	<u>E</u>			
	ess otherwise described, all work in this trade is to arried out in/to existing buildings			
	Carried Forward		R	
	TION NO. 2 NO. 03 - ROOF COVERINGS, ETC			

	Brought Forward			R	
	PROFILED METAL SHEETING AND ACCESSORIES				
	Supply and install steel roof sheeting complete. Roof sheeting to be GRS IBR 686 roll-formed "Zincalume" AZ150, 0.53mm thick G550 or equal approved, with clean "Ivory-Grey-AZ150" "Colorbond" finish to one side and standard backing coat "African White-AZ150" to other side. Roof sheeting to be fixed to timber purlins at 18 degree pitch (roof pitch to match existing) using "KL65" or equal approved clips and class 3 fasteners, all in strict accordance to manufacturer's specifications.				
Α	Roof covering and side cladding to walkway	m²	85		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 03 - ROOF COVERINGS, ETC				

Item No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 04 - CARPENTRY AND JOINERY			
	PREAMBLES			
	The Contractor is refered to the Model Preambles (2008), Carpentry and Joinery			
	The Contractor is referred to all of the Architect's drawings for the following buildings; B319, B320, B321, B322, B323 & B324			
	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			
	Sizes:			
	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.			
	<u>Prices</u>			
	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.			
	Carried Forward SECTION NO. 2 BILL NO. 04 - CARPENTRY AND JOINERY		R	

	Brought Forward			R	
	General				
	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				
	FLOORS, ETC.				
	Wood flooring to match existing:				
Α	Timber boarded flooring laid in patches to match existing (Provisional)	m²	45		
	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	101		
	EAVES, VERGES, ETC.				
	'Nutec' or similar approved fascia boards, medium 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 250mm wide fascias and barge boards (Provisional)	m	120		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 04 - CARPENTRY AND JOINERY				

Item No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 06 - SANITARYWARE & RAINWATER DISPOSAL			
	PREAMBLES			
	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; B319, B320, B321, B322, B323 & B324			
	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			
	<u>NOTE</u>			
	Unless otherwise described, all work in this trade is to be carried out in/to existing buildings			
	SANITARY FITTINGS			
	"Franke" or similar approved stainless steel sinks:			
Α	"Trendline 711" single bowl drop-in sink with approximate overall size 2000 x 600mm	No 1		
	"Cobra Watertech" or similar approved tap, etc:			
В	15mm Chrome plated Star wall hung sink mixer with swivel spout (code 166/014)	No 1		
С	15mm Chrome plated elbow action pillar-type tap (code 505-21 A)	No 3	3	
	Carried Forward		R	
	SECTION NO. 2 BILL NO. 05 - SANITARYWARE & RAINWATER DISPOS			

	Brought Forward			R		
	"Vaal" or similar approved vitreous china WC suites:					
Α	"Afsan" vitreous china low level 90° outlet washdown pan (code 750100) with vandal proof cistern (code 7108CP) complete with double flap toilet seat lid (code DPEB 2)	No	5			
	"Vaal" or similar approved vitreous china wash hand basins and pedestals:					
В	510 x 400mm, 'Daisy' white vitreous china lavatory basin (code 7008) with one taphole, including integrated overflow and chainstay, bolted to wall	No	3			
	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:					
С	150mm Diameter gutter to match existing (Provisional)	m	54			
D	150mm Diameter socketed rainwater pipes fixed with aluminium alloy downpipe clips including mastic jointing compound to seal downpipe joints (Provisional)	m	31			
Ε	Extra over 150mm eaves gutter for stopped end (Provisional)	No	5			
F	Extra over 150mm eaves gutter for outlet to 150mm downpipe (Provisional)	No	6			
G	Extra over rainwater pipe for swan-neck for 150mm rainwater downpipe (Provisional)	No	6			
Н	Extra over 150mm diameter rainwater pipe for shoe (Provisional)	No	6			
	Carried Forward to Summary of Section No.			R		
	SECTION NO. 2 BILL NO. 05 - SANITARYWARE & RAINWATER DISPOS					
				i l	I	1

Item 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 all of the Architect's drawings for the following buildings; B319, B320, B321, B322, B323 & B324				
	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				
	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/to existing buildings				
	GLAZING TO TIMBER & STEEL WITH PUTTY				
	4mm Clear float glass:				
Α	Panes exceeding 0,5m² and not exceeding 2m² (Provisional)	m²	1		
В	Panes exceeding 2m² and not exceeding 4m² (Provisional)	m²	4		
С	Panes exceeding 4m² and not exceeding 6m² (Provisional)	m²	3		
	Carried Forward to Summary of Section No. SECTION NO. 2			R	
	BILL NO. 06 - GLAZING				

Item 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 all of the Architect's drawings for the following buildings; B319, B320, B321, B322, B323 & B324			
	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			
	Colours			
	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		R	
	BILL NO. 07 - 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		
<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. 07 - PAINTWORK		

	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:				
Α	On internal walls	m²	1 209		
	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	1 167		
С	On eaves	m²	42		
	ON PLASTERBOARD SURFACES				
	Prepare surfaces and remove all loose material, apply two coats alkali resistant paint:				
D	On internal partitions	m²	110		
Е	On ceilings and cornices	m²	166		
	Carried Forward			R	+
	SECTION NO. 2 BILL NO. 07 - PAINTWORK				
					1

	Brought Forward			R	
	ON WOOD SURFACES				
	Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:				
Α	On ceilings and cornices	m²	344		
В	On windows	m²	156		
С	On doors	m²	53		
D	On door frames, etc	m²	26		
Ε	On eaves	m²	62		
F	On skirtings, rails, etc. not exceeding 300mm girth	m	289		
	Clean, fill holes, sand down and prepare wood surfaces and apply three coats polyurethane varnish with light sanding between coats:				
G	On doors	m²	60		
Н	On door frames, etc	m²	32		
I	On timber floors	m²	150		
	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.				
J	On windows	m²	42		
K	On window burglar bars	m²	199		
	ON SMOOTH CONCRETE SURFACES				
	Remove any loose and flaking residue by means of wire brushing, open up cracks and make good with approved crackfiller sanded smooth and apply two coats epoxy paint:				
L	On concrete floors, landings, treads and risers of stairs	m²	175		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 07 - PAINTWORK				

	Brought Forward	i		R	
	ON FIBRE CEMENT SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
Α	On profiled roof sheeting	m²	450		
В	On eaves gutters not exceeding 300mm girth	m	54		
С	On fascia boards and barge boards not exceeding 300mm wide	m	308		
	ON ASBESTOS SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
D	On profile roof sheeting	m²	583		
Е	On water tanks	m²	11		
F	On eaves gutters not exceeding 300mm girth	m	81		
G	On downpipes not exceeding 300mm girth	m	78		
Н	On vent pipes not exceeding 300mm girth	m	9		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 07 - PAINTWORK				

Item 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 all of the Architect's drawings for the following buildings; B319, B320, B321, B322, B323 & B324			
	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. 08 - PROVISIONAL SUMS			

	Brought Forward		R	
	BUDGETARY ALLOWANCES			
	ELECTRICAL INSTALLATION			
Α	Provide the sum of	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			

ROBBEN ISLAND MUSEUM Village School Property (B319 - B324)

	SECTION NO. 2 : BUILDING WORKS			
Bill No	SECTION SUMMARY	Page No		Amount R
1	BILL NO. 01 - ALTERATIONS	20		
2	BILL NO. 02 - WATERPROOFING	22		
3	BILL NO. 03 - ROOF COVERINGS, ETC	26		
4	BILL NO. 04 - CARPENTRY AND JOINERY	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				
Section No		Page No		Amount R	
1	SECTION NO. 1 : PRELIMINARIES & GENERAL	13			
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		
	TOTAL INCLUDING VAT		R		
	TOTAL CARRIED TO FORM OF TENDER		R		_
					=