Amount

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Item No

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

### **SECTION A: PRELIMINARIES**

### **MEANING OF TERMS "TENDER / TENDERER"**

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

#### **BUILDING AGREEMENT AND PRELIMINARIES**

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

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

#### PRICING OF PRELIMINARIES

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

#### SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

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

#### **DEFINITIONS**

#### A1.0 DEFINITIONS AND INTERPRETATION

Clause 1.0

Clause 1.1 Definitions for "Contracts Minutes", "Contract Period", "Date For Practical Completion", "Date Of Practical Completion", "Deposit" are added Clause 1.1 Definitions of "Advanced Payment Guarantee", Agreement", "Bills of Quantities", "Construction Guarantee", "Construction Period", "Contract Documents", "Contract Drawings", "Contract Sum", "Practical Completion", "Programme", are amended

Fixed:\_\_\_\_\_\_ Value related:\_\_\_\_\_ Time related:\_\_\_\_\_

**Carried Forward** 

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

		Brought Forward R
	OBJECTIVE AND PREPARATION	
Α	A2.0 OFFER, ACCEPTANCE AND PERFORMA	NCE
	Clause 2.0	
	Fixed:Value related:	Fime 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:	Fime related:
С	A4.0 DESIGN RESPONSIBILITY	
	Clause 4.0 Clause <b>4.1</b> is amended	
	Fixed:Value related:	Fime related:
D	A5.0 EMPLOYER'S AGENTS	
	Clause 5.0 Clause 5.1 is amended.	
	Fixed: Value related:	Fime related:
Е	A6.0 SITE REPRESENTATIVE	
	Clause 6.0	
	Fixed:Value related:	Fime related:
F	A7.0 COMPLIANCE WITH REGULATIONS	
	Clause 7.0 Clauses 7.2, 7.3 and 7.4 are added	
	Fixed:Value related:	Time related:
		Carried Forward R
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL	

	Brought Forward R	
Α	A8.0 WORKS RISK	
	Clause 8.0 Clause <b>8.4</b> 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 <b>12.2</b> , <b>12.3</b> , <b>12.4</b> , <b>12.5</b> and <b>12.6</b> 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
- 1	ı

	Brought Forward R	
Α	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 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 SUBCONTRACTORS	
	Clause 23.0	
	Fixed: Value related: Time related:	
	COMPLETION	
Е	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 <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:		
D	A30.0 PENALTY FOR NON-COMPLETION		
	Clause 30.0 Clause <b>30.2</b> 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: Time related: Time related:		
		Samiad Famurand	
		Carried Forward R	
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		
		· · · · · · · · · · · · · · · · · · ·	

		Brought Forward R	
Α	A33.0 RECOVERY OF EXPENSE AND LOSS		ļ
	Clauses 33.1.8, 33.1.9, 33.1.10 and 33.1.11 is added	d	
	Fixed: Value related: T	ime related:	
В	A34.0 FINAL ACCOUNT AND FINAL PAYMENT		
	Clause 34.0 Clause <b>34.10</b> is amended		
	Fixed: Value related: T	ime related:	
С	A35.0 PAYMENT TO OTHER PARTIES		
	Clause 35.0		
	Fixed: Value related: T	ime related:	
	TERMINATION		
	A36.0 TERMINATION BY EMPLOYER - CONTR.	ACTOR'S DEFAUL⊺	
	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: T	ime related:	
D	A37.0 TERMINATION BY EMPLOYER - LOSS AN	D DAMAGE	
	Clause 37.0 Clause <b>37.1.3</b> is added		
	Fixed: Value related: T	ime related:	
Е	A38.0 TERMINATION BY CONTRACTOR - EMPLO	YER'S DEFAULT	
	Clause 38.0 Clause 38.1.1 is omitted Clauses 38.1.4 and 38.3 are amended		
	Fixed: Value related: T	ime related:	
		Carried Forward R	
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		
	DILL NO. 01-1 INCLIMINATIES & GENERAL		

	В	Brought Forward R	
Α	A39.0 TERMINATION - CESSATION OF THE WORKS		
	Clause 39.0		
	Fixed: Value related: Time related:		
	DISPUTE		
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:	<del></del>	
	Ca	arried 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 standard clauses referenced below	t and additional information relevant to the	
	B1.0: DEFINITIONS AND INTERPRETATION		
Α	B1.1 Definitions and interpretation		
	See also clause A1.0 of Section A for additional a apply equally to this Section	nd/or amended definitions which shall	
	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 documentatio	n	
	Fixed: Value related:	_ Time related:	
	B3.0: PREVIOUS WORK AND ADJOINING PRO	PERTIES	
	In respect of clause 3, Tenderers shall be deemed provision in their tender for all site circumstances no claims in this respect will be considered.		
E	B3.1 Previous work - dimensional accuracy		
	Fixed:Value related:	Time related:	
F	B3.2 Previous work - defects		
	Fixed: Value related:	_ Time related:	
G	B3.3 Inspection of adjoining properties		
	Fixed: Value related:	_ Time related:	
		Carried Forward R	
	SECTION NO. 1 BILL NO. 01- PRELIMINARIES & GENERAL		

			<b>Brought Forward</b> R	
	B4: SAMPLES, SHOP DRAWING	SS AND MANUFACTURERS' IN	ISTRUCTIONS	
Α	B4.1 Samples of materials			
	Fixed: Value relate	d: Time related:_		
В	B4.2 Workmanship samples			
	Fixed:Value relate	d: Time related:_		
С	B4.3 Shop drawings			
	Fixed:Value relate	d: Time related:_		
D	B4.4 Compliance with manuf	acturers' instructions		
	Fixed:Value relate	d: Time related:_	<del></del>	
	B5.0: DEPOSITS AND FEES			
Е	B5.1 Deposits and fees			
	Fixed: Value relate	d: Time related:_	<del></del>	
	B6.0: TEMPORARY SERVICES			
F	B6.1 Water			
	Fixed: Value relate	d: Time related:_		
G	B6.2 Electricity			
	Fixed: Value relate	d: Time related:_		
Н	B6.3 Telecommunication fac	lities		
	Fixed: Value relate	d: Time related:_		
ı	B6.4 Ablution facilities			
	Fixed:Value relate	d: Time related:_		
	B7.0 PRIME COST AMOUNT	<u>'S</u>		
J	B7.1 Responsibility for prime c	ost amounts		
	Fixed:Value relate	d: Time related:_		
			Carried Forward R	
	SECTION NO. 1			
	BILL NO. 01- PRELIMINARIES &	GENERAL		

		<b>Brought Forward</b> R	
	B8.0 SPECIAL ATTENDANCE ON N/S SUBCONTRACTORS	<u> </u>	
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 occupie	ed 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:_		
1	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		
	DILL INO. U1- FRELIMINARIES & GENERAL		

	Brought Forward R
	SECTION C: SPECIFIC PRELIMINARIES
	<b>Section C</b> 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 <b>works</b> 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 <b>principal agent</b>
	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 <b>bills of quantities</b> , 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 <b>principal agent</b> 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 R	
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:	
2	C6 OCCUPATIONAL HEALTH AND SAFETY ACT	
	The <b>contractor</b> 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 <b>contractor</b> to thoroughly study the Health and Safety Specification and the Construction Regulations of the Occupational Health and Safety Act	
	The <b>contractor</b> 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; B163, B164, B165, B166 & B167			
	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			
	Carried Forward SECTION NO. 2		R	
	BILL NO. 01 - ALTERATIONS			

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		
General		
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				
	Taking down and removing ceilings, etc				
Α	Hardboard ceilings, including cornices, timber brandering, etc. (B163)	m²	15		
	Take down and removing gutters including downpipes and cart off site:				
В	Remove existing half-round asbestos gutters with approximate size: 150mm diameter fixed to fascia/barge boards with and including clips, complete (B140, B141 & B145) (Provisional)	m	27		
С	Remove existing asbestos downpipes with approximate size: 150mm diameter with and including offsets, shoes and brackets, complete (B140 & B145) (Provisional)	m	8		
	Take down and remove fascia and barge boards:				
D	Remove existing fibre cement fascia and barge boards with approximate size: 12 x 350mm wide fixed to masonry walls (Provisional)	m	90		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
	CLEAN DOWN SURFACES				
	Clean asbestos 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):				
Α	Waterjet profiled asbestos roof covering with pitch not exceeding 25 degrees	m²	22		
	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:				
В	Service existing steel windows, including burglar bars, with overall size: 1528 x 949mm high (B163: Window type W1)	No	2		
С	Service existing steel windows, including burglar bars, with overall size: 1980 x 1245mm high (B163: Window type W2)	No	5		
D	Service existing steel windows, including burglar bars, with overall size: 510 x 949mm high (B163: Window type W3)	No	9		
Е	Service existing steel windows, including burglar bars, with overall size: 1022 x 949mm high (B163: Window type W4)	No	1		
F	Service existing steel windows, including burglar bars, with overall size: 1485 x 949mm high (B166: Window type W1)	No	3		
G	Service existing steel windows, including burglar bars, with overall size: 2000 x 949mm high (B166: Window type W2)	No	2		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
Α	Service existing steel windows, including burglar bars, with overall size: 530 x 614mm high (B167: Window type W2)	No	2		
В	Service existing steel windows, including burglar bars, with overall size: 1511 x 1800mm high (B167: Window type W4)	No	13		
С	Service existing steel windows, including burglar bars, with overall size: 1022 x 1245mm high (B167: Window type W5)	No	7		
D	Service existing steel windows, including burglar bars, with overall size: 1511 x 1800mm high (B167: Window type W6)	No	3		
Е	Service existing steel windows, including burglar bars, with overall size: 1022 x 949mm high (B167: Window type W7)	No	12		
F	Service existing steel windows, including burglar bars, with overall size: 1485 x 1200mm high (B167: Window type W8)	No	5		
G	Service existing steel windows, including burglar bars, with overall size: 970 x 1200mm high (B167: Window type W11)	No	1		
Н	Service existing steel windows, including burglar bars, with overall size: 1022 x 949mm high (B167: Window type W13)	No	2		
I	Service existing steel windows, including burglar bars, with overall size: 2000 x 949mm high (B167: Window type W14)	No	1		
J	Service existing steel windows, including burglar bars, with overall size: 920 x 949mm high (B167: Window type W15)	No	2		
K	Service existing steel windows, including burglar bars, with overall size: 850 x 400mm high (B167: Window type W16)	No	7		
	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 window louvre with overall size: 1200 x 1000mm high (B163: Window type W5)	No	1		
В	Service existing timber window louvre with overall size: 2360 x 1300mm high (B163: Window type W6)	No	4		
С	Service existing timber window louvre with overall size: 720 x 1065mm high (B167: Window type D10)	No	1		
D	Service existing timber window with overall size: 1560 x 1755mm high (B167: Window type W1)	No	3		
Е	Service existing timber window with overall size: 720 x 1692mm high (B167: Window type W3)	No	2		
F	Service existing timber window with overall size: 2000 x 949mm high (B167: Window type W9)	No	1		
G	Service existing timber window with overall size: 1055 x 1625mm high (B167: Window type W10)	No	4		
Н	Service existing timber window with overall size: 1372 x 1156mm high (B167: Window type W12)	No	1		
	Attend to, service and repair as necessary all timber doors including replacing any defective or missing parts:				
I	Service existing timber double door with overall size: 1720 x 2075mm high including hinges and ensure that door is properly aligned to open and close correctly (B163: Door type D1)	No	5		
J	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 (B163: Door type D3)	No	1		
K	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 (B163: Door type D6)	No	1		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	J
Α	Service existing timber single door with overall size: 930 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B163: Door type D7)	No	1		
В	Service existing timber double door, glass panelled, with overall size: 1800 x 2115mm high including hinges and ensure that door is properly aligned to open and close correctly (B166: Door type D1)	No	2		
С	Service existing timber double door, glass panelled, with overall size: 1300 x 2170mm high including hinges and ensure that door is properly aligned to open and close correctly (B166: Door type D2)	No	1		
D	Service existing timber single door with overall size: 900 x 2076mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D2)	No	11		
E	Service existing timber double door, glass panelled, with overall size: 1500 x 2620mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D6)	No	3		
F	Service existing timber double door with overall size: 1305 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D11)	No	1		
G	Service existing timber double door with overall size: 1600 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B163: Door type D2)	No	6		
Н	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 (B163: Door type D4)	No	5		
I	Service existing timber single door with overall size: 900 x 1950mm high including hinges and ensure that door is properly aligned to open and close correctly (B163: Door type D5)	No	5		
J	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 (B163: Door type D6)	No	5		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	Į.
Α	Service existing timber single door with overall size: 813 x 2032mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D1)	No	14		
В	Service existing timber single door with overall size: 900 x 2076mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D2)	No	20		
С	Service existing timber single door, including louvre vent and kick plate, with overall size: 900 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D3)	No	4		
D	Service existing timber single stall prefab door with overall size: 900 x 1950mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D4)	No	8		
E	Service existing timber single door with overall size: 900 x 1950mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D12)	No	20		
F	Service existing timber double door with overall size: 1625 x 2032mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D13)	No	1		
	Attend to, service and repair as necessary all steel doors and gates including replacing any defective or missing parts:				
G	Service existing steel plated double door with overall size: 1500 x 2000mm high including hinges and ensure that door is properly aligned to open and close correctly (B164: Door type D1)	No	1		
Н	Service existing steel double door with overall size: 2400 x 2200mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D5)	No	3		
I	Service existing gate with steel single door system with overall size: 920 x 2100mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D7)	No	2		
	Carried Forward			R	
	SECTION NO. 2 BILL NO. 01 - ALTERATIONS				

	Brought Forward			R	
Α	Service existing steel panelled double door, including glass pane, fanlights and sidelights, with overall size: 4722 x 3025mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Door type D8)	No	1		
В	Service existing steel double door with overall size: 4722 x 3025mm high including hinges and ensure that door is properly aligned to open and close correctly (B167: Gate type D8 not shown on schedule)	No	1		
	Attend to, service and repair as necessary all sanitary fittings, taps including replacing any defective or missing parts:				
	Outer edges of urinals, wash hand basins, water closets, etc. are to be sealed with new anti-fungal joint sealant against adjacent surfaces with approved silicone				
С	Service existing wash hand basins including taps, etc.complete	No	45		
D	Service existing water closet pans including cisterns, toilet seats etc. complete	No	27		
Е	Service existing floor urinal, flush valve or cistern, waste outlet, etc. complete	No	5		
F	Service existing shower, including shower heads, taps, etc. complete	No	12		
G	Service existing stainless steel double bowl drop-in sink, including taps, etc. complete	No	4		
	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; B163, B164, B165, B166 & B167				
	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		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	4		
	Carried Forward to Summary of Section No.		R	
	SECTION NO. 2 BILL NO. 02 - WATERPROOFING			_

Item 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 referred to all of the Architect's drawings for the following buildings; B163, B164, B165, B166 & B167			
	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. 03 - CARPENTRY AND JOINERY		R	

	Brought Forward		R	
	<u>General</u>			
	The contractor is to verify all joinery sizes on site prior to the installation thereof			
	<u>NOTE</u>			
	Unless otherwise described, all work in this trade is to be carried out in/to existing buildings			
	FLOORS, ETC.			
	SKIRTINGS, NOSINGS, ETC			
	Wrought hardwood or similar approved skirting to match existing:			
Α	19 x 70mm 'Selected" Meranti hardwood skirting, plugged and pelleted to brick walls (B141) m	50		
	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:			
В	Approximately 12 x 350mm wide fascias and barge boards (Provisional) m	90		
	Carried Forward to Summary of Section No.		R	
	SECTION NO. 2 BILL NO. 03 - CARPENTRY AND JOINERY			

Item No			Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK				
	BILL NO. 04 - 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; B163, B164, B165, B166 & B167				
	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				
	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:				
Α	150mm Diameter gutter to match existing (Provisional)	m	27		
В	150mm Diameter socketed rainwater pipes fixed with aluminium alloy downpipe clips including mastic jointing compound to seal downpipe joints (Provisional)	m	8		
С	Extra over 150mm eaves gutter for stopped end (Provisional)	No	8		
D	Extra over 150mm eaves gutter for outlet to 150mm downpipe (Provisional)	No	4		
	Carried Forward  SECTION NO. 2 BILL NO. 04 - RAINWATER DISPOSAL			R	

# ROBBEN ISLAND MUSEUM MPLC (B163, B164, B165, B166 & B167)

	Brought Forward			R	
Α	Extra over rainwater pipe for swan-neck for 150mm rainwater downpipe (Provisional)	No	4		
В	Extra over 150mm diameter rainwater pipe for shoe (Provisional)	No	4		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 04 - RAINWATER DISPOSAL				

Item No			Quantity	Rate	Amount R	
	SECTION NO. 2 : BUILDING WORK					
	BILL NO. 05 - 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; B163, B164, B165, B166 & B167					
	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 STEEL WITH PUTTY					
	4mm Clear float glass:					
Α	Panes exceeding 0,1m² and not exceeding 0,5m² (Provisional)	m²	5			
В	Panes exceeding 0,5m² and not exceeding 2m² (Provisional)	m²	16			
С	Panes exceeding 2m² and not exceeding 4m² (Provisional)	m²	11			
	Carried Forward to Summary of Section No.  SECTION NO. 2 BILL NO. 05 - GLAZING			R		_

Item No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 06 - 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; B163, B164, B165, B166 & B167			
	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		R	
	SECTION NO. 2 BILL NO. 06 - PAINTWORK			

Brought Forward	R	, L
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. 06 - PAINTWORK		

	Brought Forward			R	
	PAINTWORK, ETC. TO NEW WORK				
	SABS Approved Paint applied in accordance with manufacturer's instructions:				
	ON WOOD				
	Clean, fill holes, sand down and prepare wood surfaces and apply three coats polyurethane varnish with light sanding between coats:				
Α	On skirtings, rail, etc not exceeding 300mm girth	m	50		
	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:				
В	On internal walls	m²	1 283		
	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:				
С	On external walls	m²	2 569		
	ON SMOOTH CONCRETE SURFACES				
	One coat primer and two coats superior quality acrylic emulsion pain for interior and exterior use including stopping blow holes				
D	On concrete flat roof	m²	42		
	Carried Forward  SECTION NO. 2 BILL NO. 06 - PAINTWORK			R	

	Brought Forward			R	
	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:				
Α	On concrete floors, landings, treads and risers of stairs	m²	357		
	ON PLASTERBOARD SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
В	On ceilings and cornices	m²	599		
С	On internal partitions	m²	51		
	ON FIBRE CEMENT SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
D	On fascias and bargeboards	m²	470		
Ε	On downpipes not exceeding 300mm girth	m	81		
	ON ASBESTOS SURFACES				
	Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:				
F	On eaves gutters not exceeding 300mm girth	m	68		
G	On downpipes not exceeding 300mm girth	m	21		
	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 corrugated iron roof sheeting (measured on flat)	m²	2 180		
	Carried Forward  SECTION NO. 2 BILL NO. 06 - PAINTWORK			R	

	Brought Forward			R	
Α	On underside of corrugated iron roof sheeting (measured on flat)	m²	575		
В	On gates, grilles, burglar screens, etc. (both sides measured over the full flat area	m²	38		
С	On doors	m²	70		
D	On door frames	m²	16		
Ε	On windows	m²	225		
F	On window burglar bars	m²	225		
G	On corrugated iron wall cladding	m²	38		
Н	On balustrades, including handrails	m²	46		
	ON WOOD SURFACES				
	Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:				
I	On ceilings	m²	110		
J	On roof structure	m²	116		
K	On interior and exterior doors	m²	484		
L	On door frames, etc	m²	185		
М	On windows, fanlights, etc (measured over the full flat area)	m²	45		
N	On louvres (both sides measured over the full flat area)	m²	30		
0	On skirtings, rail, etc not exceeding 300mm girth	m	445		
	Clean, fill holes, sand down and prepare wood surfaces and apply three coats polyurethane varnish with light sanding between coats:				
Р	On treads and risers of stairs	m²	7		
Q	On skirtings, rail, etc not exceeding 300mm girth	m	78		
	Carried Forward to Summary of Section No.			R	
	SECTION NO. 2 BILL NO. 06 - PAINTWORK				

Item No		Quantity	Rate	Amount R
	SECTION NO. 2 : BUILDING WORK			
	BILL NO. 07 - 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; B163, B164, B165, B166 & B167			
	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. 07 - PROVISIONAL SUMS			

	Brought Forward		R	
	BUDGETARY ALLOWANCES			
	FURNITURE & FITTINGS			
A	Provide the sum of for the complete supply and installation of new kitchen wall cupboard joinery to match the existing layout.	Sum		
В	Add for profit and attendance upon above, if required		%	
	BUDGETARY ALLOWANCES			
	ELECTRICAL INSTALLATION			
С	Provide the sum of	Sum		
D	Add for profit and attendance upon above, if required		%	
	MECHANICAL INSTALLATION			
E	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		
F	Add for profit and attendance upon above, if required		%	
	Carried Forward to Summary of Section No.		R	
	SECTION NO. 2 BILL NO. 07 - PROVISIONAL SUMS			

# ROBBEN ISLAND MUSEUM MPLC (B163, B164, B165, B166 & B167)

	SECTION NO. 2 : BUILDING WORKS			
Bill No	SECTION SUMMARY	Page No		Amount R
1	BILL NO. 01 - ALTERATIONS	23		
2	BILL NO. 02 - WATERPROOFING	25		
3	BILL NO. 03 - CARPENTRY AND JOINERY	27		
4	BILL NO. 04 - RAINWATER DISPOSAL	29		
5	BILL NO. 05 - GLAZING	30		
6	BILL NO. 06 - PAINTWORK	35		
7	BILL NO. 07 - PROVISIONAL SUMS	37		
	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	38			
	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		
					_