М	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
)	SECTION 1				
	BILL NO. 1				
	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"				
	PRELIMINARIES				
	The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 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"				
	PRICING OF PRELIMINARIES				
	Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then 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 these Bills of Quantities				
	SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT DEFINITIONS				
	No clause Fixed: Time related: Time related:	Item			
	OBJECTIVE AND PREPARATION				
1	A2.0 OFFER, ACCEPTANCE AND PERFORMANCE				
	Clause 2.0				
	Fixed: Value related: Time related:	Item			
2	A3.0 DOCUMENTS				
	Clause 3.0				
	Clause 3.2.1 is amended by replacing "14.1" with "14.0"				
	Clause 3.7 is amended by the addition of the following:				
	The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times				
	Carried Forward				
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.10 is amended by replacing the second reference to "principal with the word "employer" se
Value related: Time
SIGN RESPONSIBILITY .0 .3 is amended by replacing it with the following: se se Fixed: Value related: Time
.3 is amended by replacing it with the following: se se Fixed: Value related: Time
.3 is amended by replacing it with the following: se Fixed:
See Fixed: Value related: Time
IPLOYER'S AGENTS 5.0 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Value related: Time Item
IPLOYER'S AGENTS 5.0 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8
5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8
5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8
5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Value related: Time Item
Value related: Time Item
E REPRESENTATIVE
5.0
Value related: Time
MPLIANCE WITH REGULATIONS
7.0
separate clause has been included in Section C : Specific aries of the bills of quantities / lump sum document for the or to have the opportunity to price for all the requirements of the ional Health and Safety Act, Construction Regulations and Health and pecification
Value related:Time Item
ORKS RISK
3.0
Value related: Time Item
Carried Forward
No. 1 I 1 - PRELIMINARY AND GENERAL
1 aries

Brought Forward		
A9.0 INDEMNITIES		
lause 9.0		
ixed: Value related: Time elated:	Item	
10.7.4 The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole		
Fixed: Value related: Time related:	Item	
A11.0 LIABILITY INSURANCES		
Clause 11.0		
Fixed: Value related: Time related:	Item	
A12.0 EFFECTING INSURANCES		
Clause 12.0		
Fixed: Value related: Time related:	Item	
A13.0 No clause		
14.9 Should the contractor fail to furnish the security in terms of 14.2, the employer, in his sole discretion and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable Fixed:	ltem	
related:		
Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4		
Fixed: Value related: Time related:	Item	
A16.0 ACCESS TO THE WORKS		
Clause 16.0		
Fixed: Value related: Time related:	Item	
Carried Forward		
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Brought Forward			
A17.0 CONTRACT INSTRUCTIONS			
Clause 17.0			
Clause 17.1.11 is amended by deleting the words "and the appointment of			
nominated and selected subcontractors"			
Fixed: Value related: Time	Item		
related:			
A18.0 SETTING OUT OF THE WORKS			
Clause 18.0			
Fixed: Value related: Time	Item		
related:			
A19.0 ASSIGNMENT			
Clause 19.0			
Fixed: Time	Item		
related:			
A20.0 NOMINATED SUBCONTRACTORS			
Clause 20.0			
Clause 20.1.3 is amended by replacing it with the following: No clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated			
subcontractors executing work allowed for under provisional sums			
Fixed: Value related: Time	Item		
related:			
A21.0 SELECTED SUBCONTRACTORS			
Clause 21.0			
Clause 21 is amended by replacing it with:			
No clause			
Fixed: Value related: Time related:	Item		
A22.0 EMPLOYER'S DIRECT CONTRACTORS			
Clause 22.0			
Fixed:Time	Item		
related:			
A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS			
Clause 23.0			
Fixed: Value related: Time	Item		
related:			
Carried Forward			
Section No. 1			
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Preliminaries	1		

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1

	Brought Forward		
7	32.0 ADJUSTMENT TO THE CONTRACT VALUE		
C	clause 32.0		
	clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the ollowing at the end of the sentence: due to no fault of the contractor		
	ixed: Value related: Time elated:	Item	
8	33.0 RECOVERY OF EXPENSE AND LOSS		
C	lause 33.0		
	Fixed: Value related: Time elated:	Item	
9	34.0 FINAL ACCOUNT AND FINAL PAYMENT		
C	lause 34.0		
C	lause 34.1 is amended by removing "#" next to 34.1		
C	lause 34.2 is amended by inserting "#" next to 34.2		
c	lause 34.8 is amended by deleting the words "where security as a fixed onstruction guarantee in terms of 14.4 has been selected or where payment eduction has been applied in terms of 14.7.1"		
c	clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty- one (21) calendar days" and deleting the words "subject to the employer iving the contractor a tax invoice for the amount due"		
	ixed: Value related: Time elated:	Item	
0	35.0 PAYMENT TO OTHER PARTIES		
C	lause 35.0		
	ixed: Value related: Time elated:	Item	
<u>c</u>	ANCELLATION		
1	36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT		
C	lause 36.0		
C	lause 36.1 is amended by the addition of the following clauses:		
	6.1.3 refuses or neglects to comply strictly with any of the conditions of ontract		
	6.1.4 estate being sequestrated, liquidated or surrendered in terms of the nsolvency laws in force within the Republic of South Africa		
	6.1.5 in the judgement of the employer, has engaged in corrupt or raudulent practices in competing for or in executing the contract		
	clause 36.3 is amended by removing the reference to "No clause" and eplacing the words "principal agent" with "employer"		
	Carried Forward		
	ection No. 1		

Brought Forward			
36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason			
whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor			
shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever			
Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this			
agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the			
works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever			
Fixed: Value related: Time	Item		
related:			
38.7 Notwithstanding any clause to the contrary, on cancellation of this			
agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor			
shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever			
Fixed: Value related: Time related:	Item		
A39.0 CANCELLATION - CESSATION OF THE WORKS			
Clause 39.0 Clause 39.3.5 is amended by the addition of the following at the end of the			
sentence: within one hundred and twenty (120) working days of completion of such a			
report Fixed:Value related: Time related:	Item		
DISPUTE			
A40.0 DISPUTE SETTLEMENT			
Clause 40.0			
Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"			
Clause 40.6 is amended by removing the reference to:			
No clause			
Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition			
of the following:			
Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs			
Fixed: Value related: Time related:	Item		
Carried Forward			
Section No. 1			
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1	Brought Forward		
	SUBSTITUTE PROVISIONS		
34	A41.0 STATE CLAUSES		
	Clause 41.0		
	Fixed: Value related: Time related:	Item	
	CONTRACT VARIABLES		
35	A42.0 THE SCHEDULE (DPW-04EC)		
	Clause 42.0 Tenderers are referred to the Contract Data DPW-04(EC) for variables pertaining to this contract		
	Fixed: Value related: Time related:	Item	
	SECTION B: JBCC PRELIMINARIES		
	B1.0 DEFINITIONS AND INTERPRETATION		
36	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:	Item	
	B2.0 DOCUMENTS		
37	B2.1 Checking of documents		
	Fixed: Value related: Time related:	Item	
38	B2.2 Provisional bills of quantities		
	Fixed: Value related: Time related:	Item	
39	B2.3 Availability of construction documentation		
	Fixed: Value related: Time related:	Item	
40	B2.4 Interests of agents		
	Fixed: Value related: Time related:	Item	
ļ 1	B2.5 Priced documents		
	Fixed: Value related: Time related:	Item	
12	B2.6 Tender submission		
	Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance DPW-07(EC)"		
	Fixed: Value related: Time related:	Item	
	Carried Forward		
	Section No. 1 SECTION 1 - PRELIMINARY AND GENERAL Bill No. 1		

	Brought Forw	vard
13	B3.1 Defined works area	
	Fixed: Value related: Time related:	Item
44	B3.2 Geotechnical investigation	
	Fixed: Value related: Time related:	Item
15	B3.3 Inspection of the site	
	Fixed: Value related: Time related:	Item
16	B3.4 Existing premises	
	Fixed: Value related: Time related:	Item
17	B3.5 Previous work - dimensional accuracy	
	Fixed: Value related: Time related:	Item
18	B3.6 Previous work - defects	
	Fixed: Value related: Time related:	Item
49	B3.7 Services - known	
	Fixed: Value related: Time related:	Item
50	B3.8 Services - unknown	
	Fixed: Value related: Time related:	
51	B3.9 Protection of trees	Item
	Fixed: Value related: Time related:	Item
52	B3.10 Articles of value	
	Fixed: Value related: Time related:	Item
53	B3.11 Inspection of adjoining properties	
	Fixed: Value related: Time related:	Item
	B4.0 MANAGEMENT OF CONTRACT	
54	B4.1 Management of the works	
	Fixed: Value related: Time related:	Item
	Carried Forw Section No. 1 SECTION 1 - PRELIMINARY AND GENERAL	/ard
	SECTION 1 - PRELIMINARY AND GENERAL BIII No. 1 Preliminaries	

		Brought Forwar	d	
B4.2 Program	nme for the works			
Fixed:related:	Value related:	Time	Item	
B4.3 Progress	s meetings			
Fixed:related:	Value related:	Time	Item	
7 B4.4 Technica	al meetings			
Fixed:related:	Value related:	Time	Item	
B4.5 Labour a	and plant records			
Fixed:related:	Value related:	Time	Item	
B5.0 SAMPLE	S, SHOP DRAWINGS AND MANU	FACTURERS' INSTRUCTIONS		
B5.1 Samples	s of materials			
Fixed: related:	Value related:	Time	Item	
B5.2 Workma	anship samples			
Fixed: related:	Value related:	Time	Item	
1 B5.3 Shop dra	awings			
Fixed: related:	Value related:	Time	Item	
2 B5.4 Complia	nce with manufacturers' instructi	ons		
Fixed:related:	Value related:	Time	Item	
B6.0 TEMPOR	RARY WORKS AND PLANT			
B6.1 Deposits	s and fees			
Fixed:related:	Value related:	Time	Item	
B6.2 Advertis	ing			
Fixed:related:	Value related:	Time	Item	
5 B6.3 Advertis	ing			
Fixed:	Value related:	Time	Item	
B6.4 Plant, e	quipment, sheds and offices			
Fixed:related:	Value related:	Time	Item	
		Carried Forwar	d	
Section No. 1 SECTION 1 - I Bill No. 1 Preliminaries	PRELIMINARY AND GENERAL			

		Brought Forward		
57	B6.5 Main notice board			
	Fixed: Value related: Time related:		Item	
68	B6.6 Subcontractors' notice board			
	Fixed: Value related: Time related:	2	Item	
	B7.0 TEMPORARY SERVICES			
9	B7.1 Location			
	Fixed: Value related: Time related:		Item	
	B7.2 Water			
	Fixed: Value related: Time		Item	
	related:			
71	B7.3 Electricity			
	Fixed: Value related: Time related:		Item	
72	B7.4 Telecommunication facilities			
	Fixed: Value related: Time		Item	
	related: B7.5 Ablution facilities			
3	Fixed: Value related: Time		Item	
	related:		item	
	B8.0 PRIME COST AMOUNTS			
74	B8.1 Responsibility for prime cost amounts			
	Fixed: Value related: Time related:		Item	
	B9.0 ATTENDANCE ON N/S SUBCONTRACTORS			
75	B9.1 General attendance			
	Fixed: Value related: Time		Item	
	related:			
В	B9.2 Special attendance Fixed: Value related: Time		Item	
	related:		iteiii	
7	B9.3 Commissioning - fuel, water and electricity			
	Fixed: Time related: Time		Item	
	B10.0 FINANCIAL ASPECTS			
78	B10.1 Statutory taxes, duties and levies			
	Fixed: Value related: Time related:		Item	
	Section No. 1	Carried Forward		
	SECTION 1 - PRELIMINARY AND GENERAL Bill No. 1			
	Preliminaries Preliminaries			

			Brought Forward	d	
9 E	310.2 Payment for pro	eliminaries			
	Fixed: elated:	Value related:	Time	Item	
E	310.3 Adjustment of p	preliminaries			
	Fixed: elated:	Value related:	_ Time	Item	
1 E	310.4 Payment certifi	cate cash flow			
	Fixed: elated:	Value related:	_ Time	Item	
<u>E</u>	311.0 GENERAL				
2 E	311.1 Protection of th	e works			
	Fixed: elated:	Value related:	Time	Item	
3 E	311.2 Protection / iso	lation of existing / sectiona	Illy occupied works		
	Fixed: elated:	Value related:	Time	Item	
4 E	311.3 Security of the	works			
r	Fixed: elated:	Value related:	Time	Item	
5 E	311.4 Notice before c	overing work			
	Fixed: elated:	Value related:	Time	Item	
6 E	311.5 Disturbance				
r	Fixed: elated:	Value related:	Time	Item	
7 E	311.6 Environmental	disturbance			
	Fixed: elated:	Value related:	Time	Item	
8 E	311.7 Works cleaning	and clearing			
	Fixed: elated:	Value related:	Time	Item	
9 E	311.8 Vermin				
	Fixed: elated:	Value related:	Time	Item	
	311.9 Overhand work				
	Fixed: elated:	Value related:	_ Time	Item	
1 E	311.10 Instruction ma	nuals and guarantees			
r	Fixed: elated:	Value related:	_ Time	Item	
			Carried Forward	d	
S	ection No. 1 ECTION 1 - PRELIMIN Bill No. 1 Preliminaries	NARY AND GENERAL			

Brought Forwar	t
2 B11.11 As built information	
Fixed: Value related: Time related:	Item
B11.12 Tenant installations	
Fixed: Value related: Time related:	Item
B12.0 SCHEDULE OF VARIABLES	
B12.1 Schedule of variables	
Fixed: Value related: Time related:	Item
SECTION C: SPECIFIC PRELIMINARIES	
Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item	
5 C1.0 CONTRACT DRAWINGS	
* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a bills of quantities or lump sum document	3
* 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	
* A full set of drawings is issued with the tender documents indicating the full 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 understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent	
Fixed: Value related: Time related:	Item
6 C2.0 GENERAL PREAMBLES	
The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website (http://www.publicworks.gov.za/under "Consultants Guidelines"), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used	
Fixed: Value related: Time related:	Item
7 C3.0 TRADE NAMES	
Wherever a trade name for any product has been described in the bills of quantities / lump sum document, 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	
Carried Forwar	1
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Brought Forward	1
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	Item
related:	
OA O INTRODUCTO MATERIALS AND FOUNDATION	
8 C4.0 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	1
item, materials or equipment shall be excluded from currency fluctuations.	
(refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be	
completed by tenderer)	
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)	
Find Williamstand From	
Fixed: Value related: Time related:	Item
related	
C5.0 VIEWING THE SITE IN SECURITY AREAS	
The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter	
the site for tendering purposes	
and site for centering purposes	
Fixed: Value related: Time	Item
related:	
C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS	
CO.O CONNIVIENCEIVIENT OF WORKS IN SECORITY AREAS	
As the works falls within a security area the contractor must give the unit	
commander or other responsible officer notice before commencement of the	
works. Should the contractor fail to make such arrangements, admission to	
the site may be refused and any additional costs will be for the contractor's account	
account	
Fixed: Value related: Time	Item
related:	
1 C7.0 ENTRANCE PERMITS TO SECURITY AREAS	
As the works falls within a security area the contractor shall obtain entrance	4
permits for his personnel and workmen entering the area and shall comply	
with all regulations and instructions which may be issued from time to time	
regarding the protection of persons and property under the control of the	
Defence Force, Police or chief security officer	
Fixed: Value related: Time	Item
related: time	iteiii
C8.0 SECURITY CHECK OF PERSONNEL	
The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified	
working, or a certain number of them, security classified	
In the event of the principal agent requesting the removal of a person or	
persons from the works for security reasons, the contractor shall do so	
forthwith and shall thereafter ensure that such person or persons are denied	
access to the works and the site and/or to any document or information	
relating to the works	
Fixed:Time	Item
related:	
Carried Forward	1
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1	1

Brought Forward		
29.0 PROHIBITION ON TAKING OF PHOTOGRAPHS		
terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to ketch or to take photographs of any military site or installation or any uilding or civil works thereon or to be in possession of a camera or other pparatus used for taking of photographs except when authorized thereto by r on behalf of the Minister		
The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959		
Fixed: Value related: Time related:	Item	
C10.1 AWARENESS CHAMPION		
Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification		
Fixed: Value related: Time related:	Item	
C10.2 AWARENESS WORKSHOPS		
Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification		
Fixed: Value related: Time related:	Item	
C10.3 POSTERS, BOOKLETS, VIDEOS, ETC. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed:	ltem	
related:		
C10.4 ACCESS TO CONDOMS		
Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification		
Fixed: Value related: Time related:	Item	
Carried Forward		
Section No. 1		
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Brought Forward		
C10.5 MONITORING		
Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification		
Fixed: Value related: Time related:	Item	
C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT		
The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 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 that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document		
The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment		
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:	Item	
C11.1 NOTIFICATION OF CONSTRUCTION WORK (Construction Regulation 3)		
The Contractor shall, before commencing work, notify the Department of Labour of the intended construction work in terms of Regulation 3. The Contractor shall submit the notification in writing, on the appropriate form, prior to commencement of work		
Fixed: Value related: Time related:	Item	
C11.2 HEALTH AND SAFETY PLAN (Construction Regulation 5.4)		
The Contractor shall provide and demonstrate to the Principal Agent a suitable and sufficiently documented health and safety plan based on the Act, Construction Regulations and the health and safety specification, which shall be applied from the date of commencement of and for the duration of the construction work. The Contractor shall ensure that a copy of the health and safety plan is available on request to an employee, inspector, sub contractor or principal agent all in terms of Regulation 5		
Fixed: Value related: Time	Item	
related: Carried Forward		
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Brought Forward		
C11.3 REGISTRATION WITH THE COMPENSATION FUND (Construction Regulation 5.3 f)		
The Contractor shall provide proof of his registration and good standing with the Compensation Fund or a licensed compensation insurer prior to the commencement of work		
Fixed: Value related: Time related:	Item	
C11.4 HEALTH AND SAFETY FILE (Construction Regulation 5.7)		
The Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the health and safety specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Principal Agent or Inspector upon request. Upon completion of the works, the Contractor shall hand over a consolidated health and safety file to the principal agent		
Fixed: Value related: Time related:	Item	
C11.5 SUPERVISION OF CONSTRUCTION WORK (SAFETY OFFICER) (Construction Regulation 6)		
The Contractor shall appoint a full-time competent employee in writing as the construction supervisor, with the duty of supervising the construction work. The Contractor shall appoint a full-time or part-time construction safety officer in writing to assist in the control of all safety related aspects on the site. Such appointments are required to ensure that at all times the requirements of the Act and Construction Regulations are adhered to. Refer to Regulation 6		
Fixed: Value related: Time related:	ltem	
C11.6 RISK ASSESSMENT AND SAFETY POLICY (Construction Regulation 7)		
Before commencing work the Contractor shall cause a risk assessment to be performed by a competent person appointed in writing and the risk assessment shall form part of the health and safety plan. A copy of the risk assessment shall be available on site at all times for inspection. The Contractor shall at all time carry out the works in a manner to avoid the risk of bodily harm to persons or risk of damage to any property. He shall take all precautions regarding training of employees in any hazards and the related work procedures, health and safety induction training of employees, visitors or any other persons entering the site and provide personal protective equipment to all employees and visitors to site which are necessary and adequate to eliminate any conditions which contribute to the risk of injury to persons or damage to property in terms of Regulation 7		
Fixed: Value related: Time related:	ltem	
C11.7 SIGNIFICANT HAZARDA IDENTIFICATION RISK ASSESSMENT PREPARED BY THE DESIGN CONSULTANTS		
The contractor shall allow for additional financial provision, if any, to take the necessary precautions regarding the significant hazards and risks identified and assessed by the design consultants		
Fixed: Value related: Time related:	Item	
Carried Forward		
Section No. 1 SECTION 1 - PRELIMINARY AND GENERAL		
Bill No. 1 Preliminaries		
	1	

Brought Forward		
C11.8 ADDITIONAL FINANCIAL PROVISION		
The Contractor shall allow for additional financial provision, if any, to comply with the requirements of the Occupational Health and Safety Act (Act No 85 of 1993) and the Construction Regulations issued there under which have not been specifically elsewhere provided		
Fixed: Value related: Time related:	Item	
3 C11.9 FALL PROTECTION PLAN (Construction Regulation 8)		
The contractor shall, before commencing any construction work submit a fall protection plan identified all steps to be taken in order to ensure the continued adherence to the fall protection plan and shall include a risk assessment of all work carried out from an relevant position. The fall protection plan shall form part of the health and safety plan and file F		
ixed: Value related: Time related:	Item	
4 C11.10 PHYSICAL AND PSYCHOLOGICAL FITNESS (Construction Regulation 8.2(b))		
The contractor and sub-contractors shall before commencing any construction work submit proof of his employees that shall carried out work from an elevated position their physical and psychological fitness. And shall be recorded in the health and safety file		
Fixed: Time related: Time related:	Item	
The contractor and sub-contractors shall ensure that all operated workers received training and been certified competent to operate such vehicle, and are physical and psychological fit to operate such construction vehicles and mobile plants. And shall be recorded in the health and safety file		
Fixed: Value related: Time related:	Item	
6 C11.12 TRAINING (Construction Regulation 8 (c))		
The contractor and sub-contractors shall, before commencing any construction work, submit his training program of all his employees. This program shall from part of the health and safety plan		
Fixed: Value related: Time related:	Item	
7 C11.13 DEMOLITION WORK (Construction Regulation 12)		
The contractor shall, before any demolition work shall carried out, submit all method of demolition to be used. This method shall form part of the health and safety plan and file.		
Fixed: Value related: Time related:	Item	
Carried Forward Section No. 1		
SECTION 1 - PRELIMINARY AND GENERAL Bill No. 1		
Preliminaries		

	Brought Forward			
C1 Re	1.14 REMOVAL AND DISPOSAL OF ASBESTOS MATERIAL (Asbestos gulation)			
Th	e principle contractor shall appoint a contractor that is registered with the			
NC EQ	partment of Labour as an AIA. The contractor must allow for; DTIFICATION OF ASBESTOS PROCESSINGPERSONAL PROTECTIVE UIPMENTPACKAGING AND TRANSPORT AND STORAGE TO DISPOSAL EDEMOLITION WORK OF SHEETSLABELLING AND INFORMATION			
Fix	ed: Time	Item		
rel	ated:			
	Carried Forward to Summary of Section No. 1			
	ction No. 1 CTION 1 - PRELIMINARY AND GENERAL			
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<u>SECTION NO. 2</u> BILL NO. 1				
OCCUPATIONAL HEALTH & SAFETY AND ENVIRONMENTAL MANAGEMENT				
Failure, by the Tenderer, to price the items indicated below individually or				
per item will result in the Tender being deemed non-responsive. The legal requirements contemplated in the Construction Regulations as stated below:				
(CR) 5(1)(g) "A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures".				
CR 5(1)(h) "A client must ensure that principal contractor to be appointed has the necessary competencies and resources to carry out the construction work safely"				
Shall apply and will be used to motivate the disqualification of the Tender.				
The contractor's attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 1993: This Act not affected by agreements				
Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be.				
Note to Principal Contractor				
Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health &Safety specifications.				
After pricing of the health and safety bill of quantities, the Principal Contractor must sign the Certificate of Acquaintance as evidence that he is au fait regarding the contents, obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health &Safety specifications. Failure, by the Tenderer, to sign the Certificate of Acquaintance may result in the Tender being deemed non-responsive.	<u>.</u>			
Notify the provincial director in writing of the commencement of	Item	1		
construction work with and including submission of a letter of receipt and acknowledgement of the aforementioned notice by the director of his/her representative	iteiii	1		
Allow for the preparation and approval of project-specific H&S Plan & File [CR 7(1)(a)]	Item	1		
Allow for the implementation and maintenance of project-specific H&S Plan & File. [CR 7]	Months	3		
Principal Contractor's time related obligations in respect of the OHS Act and Construction Regulations for the entire construction period.	Months	3		
Provision of full time Health and Safety Officer for the entire construction period.	Months	3		
Carried Forward	1			
Section No. 2 SECTION 2 - OHS AND ENVIROMENTAL MANAGEMENT Bill No. 1				
OHS and Environmental Management				

	Brought Forward			
	Provide, supply and maintenance for each worker the following SANS approved personal protective equipment & clothing as per the site-specific			
	risk assessments:			
7 1	Hard hats (high density polyethylene & 6-point lining)	No	20	
8 ۱	/ests	No	10	
9 5	Safety boots / shoes (steel-toe)	No	10	
0 9	Safety gloves	No	10	
1	Ear plugs/ muffs	No	10	
2 [Dust mask(at least FF2 type)	No	5	
3 1	Respirators	No	1	
4 (Cloth Masks	No	1	
5 I	Face shields	No	1	
6 1	FFP1 surgical masks	No	25	
7 5	Safety goggles	No	5	
8	Temporary warning signs and symbols	No	5	
9	Allow for pre-employment medical examinations	Item	1	
0	Allow for exit medical examinations	Item	1	
ı	SANS approved weld mesh type temporary barrier fencing 1,8m high covered with a net fixed to and including 100mm diameter gum poles set securely min 300mm deep n ground at max 3m spacing including excavation, backfilling, etc	Item	1	
	Carried Forward to Summary of Section No. 2			
9	Section No. 2			
9	SECTION 2 - OHS AND ENVIROMENTAL MANAGEMENT Bill No. 1			
	OHS and Environmental Management			

SECTION NO. 2			
BILL NO. 2			
HEALTH & SAFETY EDUCATION AND ENVIRONMENTAL			
MANAGEMENT			
Allow for all COVID-19 awareness training	Months	3	
COVID-19 HEALTH AND SAFETY WORK PRACTICES			
Symptom screening of all site visitors upon arrival	Months	3	
Carried Forward to Summary of Section N	lo. 2		
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Section No. 2 SECTION 2 - OHS AND ENVIROMENTAL MANAGEMENT Bill No. 2			
Health & Safety Education and Environmental Management			

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C	Carried to Final Summary		

SECTION NO. 3			
BILL NO. 1			
DEMOLITION OF NON COMPLIANT ACCESS RAMPS			
<u>View site</u>			
Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained			
<u>General</u>			
Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent			
Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site			
Breaking up and removing			
Ramps	m2	5	
Steps	m2	2	
Slabs/walkways	m2	109	
Taking down and removing			
Non compliant existing fence	m	50	
Demolishing and removing			
One brick boundary or yard walls n.e 1,5m high	m	50	
Excavation in earth not exceeding 2m deep to remove foundations	m3	25	
Extra over bulk excavations in earth for breaking up and removing			
Extra over for removal of brickwork	m3	25	
Extra over for removal of unreinforced concrete	m3	18	
Extra over for removal of reinforced concrete	m3	18	
Extra over all excavations for carting away			
Surplus material from demolitions and/or stock piles of rubble on site, to a dumping site to be located by the contractor	m3	25	
Clean out pit latrine by desludging including removal of all debris and waste including soild waste as per Health and Safety requirements and make good on completion including disposing of all debris and waste at an authorised municipal waste disposal facility. Contractor to price per seat	item	1	
Carried Forward to Summary of Section No. 3			
Section No. 3 SECTION 3 - DEMOLITIONS & ALTERATIONS Bill No. 1			

BILL NO. 2			
<u>ALTERATIONS</u>			
View site Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained			
Explosives No explosives whatsoever may be used for alteration purposes unless otherwise stated			
<u>General</u>			
The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent			
Fttings, frames, linings, which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels,, and oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Repainting or re-varnishing is given separately			
With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, shall be levelled and prepared for raising of brickwork			
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)			
REMOVAL OF EXISTING WORK			
Taking out and removing piping, sanitary fittings, including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)			
50mm Waste pipe.	m	3	
Remove VIP 200 Pit pedestal and prepare surface to receive new VIP 450 pedestal (VIP 450 pedestal elsewhere).	No	3	
NEW SANITARY FITTINGS			
Rust and corrosion resistant, UV-resistant polyethylene pedestals, urinals, basins. Product and colour to Principal Agent's approval:			
VIP 450 Pit pedestal complete with integral flap four times plugged to floor with and including 6 x 75mm masonry anchors	No	3	
Carried Forward Section No. 3			

	Brought Forward			
1	Remove and replace Urinal with new	No	5	
	NEW SANITARY PLUMBING			
	PVC waste or vent pipes and fittings:			
5	50mm Waste pipe	No	3	
	Extra for:			
6	50mm Bend.	No	2	
7	50mm Access bend.	No	1	
	NEW BATHROOM FITTINGS			
	Satin Grey Plastics or equal approved			
- 1	"Satin plastic N-SBIN-12-SA SHE Bin size $463 \times 140 \times 480$ mm, floor standing loose.	No	8	
	BOLTS:			
	50mm Alu/Metal holder bat to hold vent pipes against brick wall	No	57	
	ALLOWANCE FOR TEMPORARY TOILETS			
Э	Allow for temporary toilets for use during construction	Item	1	
	<u>METALWAORK</u>			
	STEEL BALUSTRADING			
	GALVANISED STEEL BALUSTRADING			
	Welded balustrading to walkways			
	Allow for Raking balustrading 1000mm high, complete with 50mm diameter handrail, fixed to detail	m	15	
	ON METAL SURFACES			
	One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel			
L	To steel balustrades (both sides measured)	m²	70	
	Carried Forward to Summary of Section No. 3			
	Section No. 3 SECTION 3 - DEMOLITIONS & ALTERATIONS			
- 1	Bill No. 2 Alterations			

SECTION SUMMARY - SECTION 3 - DEMOLITIONS & AI		NO	
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BILL NO. 1			
<u>EARTHWORKS</u>			
SUPPLEMENTARY PREAMBLES			
<u>General</u>			
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			
Nature of ground			
The required bulk earthworks and levelling have been measured under Section 2 (Bulk Earthworks) of these Bills of Quantities and would be complete at the time these foundation works are executed. The nature of the ground is thus compacted fill (as per latest Engineer's drawing) and where foundation excavations are deeper the nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock".			
<u>Subterranean water</u>			
No subterranean water is expected			
Carting away of excavated material			
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.			
Filling			
Notwithstanding the reference to prescribed multiple handling in clause 2 page 10 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material.			
Testing			
Prices for filling are to include for all necessary density tests in accordance with SABS 1200D and as prescribed by the Engineer and/or Principal Agent.			
SITE CLEARANCE			
Site clearance			
Stripping average 170mm thick layer of top soil and stockpiling on site	m2	50	
EXCAVATION, FILLING			
EXCAVATIONS			
Excavation in compacted earth not exceeding 2m deep			
Trenches Carried Forward	m3	35	
Section No. 4 SECTION 4 - BUILDING WORKS (EXTERNAL)			

	Back excavation of vertical sides of excavations in earth for working space				
	including backfilling compacted to 95% Mod AASHTO density				
3	Exceeding 1m and not exceeding 2m deep for building retaining walls,	m3	91		
4	Extra over for excavation in soft rock	m3	9		
5	Extra over for excavation in hard rock	m3	5		
	Extra over all excavations for carting away				
6	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	18		
	Risk of collapse of excavations				
7	Sides of trench and hole excavations not exceeding 1,5m deep	m2	101		
	Keeping excavations free of water				
8	Keeping excavations free of all water other than subterranean water	Item	1		
	<u>De-watering of seepage water and water from other subterranean sources in excavations</u>				
9	Provide pump with including maintenance and removal as per Principal Agents Approval	No	2		
	Compaction of ground surfaces				
0	Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	60		
	FILLING				
	Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:				
1	Backfilling to trenches	m3	16		
	Selected earth filling obtained from the excavations and/or prescribed stock				
	piles on site, including haulage approximately 5km from the perimeter of the excavations or stock piles, compacted to 95% Mod AASHTO density				
2	Backfilling behind retaining walls	m3	91		
3	Over site to make up levels	m3	36		
	Earth filling supplied by the contractor compacted to 90% Mod AASHTO density				
4	Landscape mounds, berms,	m3	36		
	Filling of 150mm Gravel Wearing Course Compacted To 95% Mod AASHTO				
5	Over site to make up levels	m3	1		
	Prescribed density tests on filling				
	Modified AASHTO Density test Carried Forward	No	8		
6		l l		i .	11

	Brought Forward		
	SUBSOIL DRAINAGE		
	Slotted PVC-U flexible drainage pipes		
	Earth filling 300 x 300mm section of 20mm thick stone material surrounding 110mm uPVC pipe, supplied by the contractor compacted to 98% Mod AASHTO density:		
17	20mm Stone.	m3	8
	Membrane		
8	Geofabric filter blanket wrapped around stone with 150mm side and 300mm end laps, including stitching.	m2	164
	110mm Diameter perforated uPVC pipe surrounded with 300 x 300mm section of 20mm stone wrapped in A3 geotextile material.		
9	110mm uPVC pipe.	m	121
	Extra over fittings		
20	110mm Tee.	No	46
21	110mm Y junction.	No	46
	SOIL POISONING		
	Soil insecticide in accordance with SANS 5859		
	Under floors including forming and poisoning shallow furrows against foundation walls, filling in furrows and ramming	m2	151
23	To bottoms and sides of trenches	m2	101
	CONCRETE, FORMWORK AND REINFORCEMENT		
	SUPPLEMENTARY PREAMBLES		
	<u>General</u>		
	The Concrete works shall be in accordance with the Engineer's specifications as per Annexures "Part D.9 - Concrete Specifications" and "Part D.10 - Industrial Floor Specifications" appended hereto. The Contractor is to notify the Principal Agent immediately if a conflict between the Engineer's Specification, Architectural Drawings and/or these Bills of Quantities are found.		
	The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.		
	Components cast against excavated surfaces have not been measured or described separately and the Contractor is to ensure adequate allowance for casting against exacated surfaces are made within the relevant items.		
	Concrete		
	All exposed sharp corners to be chamfered 25 x 25mm unless otherwise indicated		
	Carried Forward Section No. 4		
	SECTION 4 - BUILDING WORKS (EXTERNAL) Bill No. 1 Building works		

Brought Forward			
Cost of tests			
The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the principal agent. (Test cubes are measured provisionally and separately)			
Descriptions of form work shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use			
Finishing			
Finishing the surfaces of surface beds and slabs level and smooth to receive screed, grano or any other finish are deemed to be included in the rate for the surface bed or slab.			
Mesh reinforcement			
Mesh reinforcement is measured net, contractor to take condideration of lapping			
UNREINFORCED CONCRETE CAST ON/IN FORMWORK			
15MPa/20mm concrete in:			
Surface blinding under footings and bases	m3	3	
REINFORCED CONCRETE			
25MPa/19mm concrete			
Stripfootings	m3	18	
TEST CUBES			
Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	4	
CONCRETE SUNDRIES			
Finishing top surfaces of concrete smooth with a power float with high quality "ABC Plate" floor hardener applied at a rate of 7kg/m² in accordance with the Engineer's guidelines			
Surface beds and ramps	m2	5	
Carried Forward Section No. 4			
SECTION 4 - BUILDING WORKS (EXTERNAL)			

Brought Forward			
ROUGH FORMWORK (DEGREE OF ACCURACY II)			
Rough formwork to sides			
Strip footing and ramps (Provisional)	m2	4	
MOVEMENT JOINTS			
Isolation joints formed of 20 x 12mm deep silicone sealant, backing rope and closed cell polyurethane joint former			
Between concrete surface bed and/or raft foundation and brick walls.	m	101	
Saw-cut joints			
3 x 50mm deep Saw-cut joints in top of concrete filled with an approved semi-rigid sealer	m	25	
REINFORCEMENT			
Provision for high tensile steel reinforcement			
Varying diameters in bases and structural concrete work	t	1	
MASONRY			
SUPPLEMENTARY PREAMBLES			
BRICKWORK			
<u>General</u>			
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			
Sizes in descriptions			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
Face bricks			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
Pointing			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing			
Carried Forward			
Section No. 4 SECTION 4 - BUILDING WORKS (EXTERNAL) Bill No. 1			
Building works			

	Brought Forward			
	RICKWORK			
FC	DUNDATIONS (PROVISIONAL)			
	rickwork of NFX bricks (14 MPa nominal compressive strength) in Class I ortar (Cement to be 42.5N allpurpose cement):			
Oı	ne brick walls	m2	16	
<u>sı</u>	JPERSTRUCTURE			
<u>m</u>	rickwork of NFP bricks (14 MPa nominal compressive strength) in Class II ortar (Cement to be 42.5N allpurpose cement). Open perp. @ 1540 entres parallel with drainage pipe			
Oı	ne brick walls	m2	169	
<u>F.4</u>	ACE BRICKWORK			
10 ve	ustgold FBS/Qunu Travertine clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed ertical and recessed horizontal joints, suitable for exposure zones 1-2 rement to be 42.5N all-purpose cement)			
Oı	ne brickwall faced on both sides.	m2	185	
ec	rick-on-edge header course copings of "Rustgold FBS/Qunu Travertine" or qual approved face bricks pointed with recessed joints on all exposed faces, 20mm wide sill set sloping and slightly projecting:			
	30mm wide header course to top of one brick wall bedded and jointed in ement mortar and pointed on top and both sides as described.	m	101	
BI	RICKWORK SUNDRIES			
Br	rickwork reinforcement			
15	50mm Wide reinforcement built in horizontally every second course	m	1089	
	Carried to Final Summary			
SE	ection No. 4 ECTION 4 - BUILDING WORKS (EXTERNAL)			
	ill No. 1 uilding works			

BILL NO. 1			
STORMWATER			
SUPPLEMENTARY PREAMBLES			
General			
These quantities are measured in accordance with SANS 1200 Specifications.			
The Contractor is to notify the Principal Agent immediately if a conflict between the Engineer's Specification, Architectural Drawings and/or these Bills of Quantities are found.			
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			
The total amount for the works should be included in the Tender amount.			
CONCRETE STORMWATER DISH DRAIN			
EXCAVATIONS			
Excavation in compacted earth not exceeding 2m deep			
Excavation in earth not exceeding 2m deep for trenches	m3	6	
Extra over all excavations for carting away			
Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	2	
Risk of collapse of excavations			
Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	5	
Compaction of ground surfaces			
Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	12	
FILLING			
Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:			
Backfilling to trenches	m3	2	
Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.			
Backfilling to Trenches	m3	2	
Filling of 150mm Gravel Wearing Course Compacted To 95% Mod AASHTO Carried Forward			
Section No. 5			

7	Over site to make up levels	m3	1	
	Prescribed density tests on filling			
8	Modified AASHTO Density test	No	1	
	REINFORCED CONCRETE			
	25MPa/19mm concrete			
9	25MPa/19mm reinforced concrete in bottoms and sides	m3	2	
	CONCRETE SUNDRIES			
	Finishing top surfaces of concrete smooth with a power float with high quality "ABC Plate" floor hardener applied at a rate of 7kg/m² in accordance with the Engineer's guidelines			
0	Finishing concrete bottoms smooth with a steel trowel to falls	m2	12	
	ROUGH FORMWORK (DEGREE OF ACCURACY II)			
	Rough formwork to sides			
	Formwork to edges, risers, ends and reveals not exceeding 300mm wide or high	m2	5	
2	Smooth formwork to sides above sloping bottoms	m2	5	
	MOVEMENT JOINTS			
	Isolation joints formed of 10 x 12mm deep silicone sealant, backing rope and closed cell polyurethane joint former			
- 1	Expansion joints with soft board through concrete bottoms not exceeding 300mm high	m	5	
4	Expansion joints with soft board through concrete sides of channels not exceeding 300mm wide	m	5	
	REINFORCEMENT			
5	Type 617 fabric reinforcement in concrete placed 40mm from the Top	m2	12	
6	Angle section galvanised steel bearers with flat section bent lugs each welded, including embedding in concrete	kg	15	
7	Extra over for mitred and welded L-intersection	No	1	
	CONCRETE STORMWATER V DRAIN			
	EXCAVATIONS			
	Excavation in compacted earth not exceeding 2m deep			
8	Excavation in earth not exceeding 2m deep for trenches	m3	39	
	Risk of collapse of excavations			
9	Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	73	
	Compaction of ground surfaces			
	Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	77	
	Carried Forward Section No. 5 SECTION 5 - EXTERNAL WORKS			
	Bill No. 1 Stormwater			

12	
12	
5	
91	
16	
2	
77	
6	

	CULVERTS Brought Forward			
	Supply and Lay Concrete Pipe Culverts on class B bedding:			
	Class 50-D-load pipes with U joints:			
9	450mm Diameter Concrete pipe laid in trenches not exceeding 1m deep including excavation, backfill, bedding, cart away and compaction.	m	2	
	HEADWALLS EXCAVATIONS			
	Excavation in compacted earth not exceeding 2m deep			
	Excavation in earth not exceeding 2m deep for trenches	m3	3	
0	Risk of collapse of excavations			
	Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	2	
1	Extra over all excavations for carting away			
	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	1	
2	Keeping excavations free of water			
	Keeping excavations free of all water other than subterranean water	Item	1	
3	Compaction of ground surfaces			
	Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	4	
4	FILLING			
	Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:			
	Backfilling to trenches	m3	1	
5	Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.			
	Under floors	m3	1	
6	Prescribed density tests on filling			
	Modified AASHTO Density test	No	1	
7	REINFORCED CONCRETE			
	25MPa/19mm concrete			
	25Mpa/19mm Reinforced concrete in bottom slabs and footings	m3	1	
8	CONCRETE SUNDRIES			
	Finishing top surfaces of concrete smooth with a power float with high quality "ABC Plate" floor hardener applied at a rate of 7kg/m² in accordance with the Engineer's guidelines			
	Finishing concrete bottoms smooth with wood float Carried Forward Section No. 5	m2	2	
	SECTION 5 - EXTERNAL WORKS Bill No. 1 Stormwater			

	Brought Forward			
9	ROUGH FORMWORK (DEGREE OF ACCURACY II)			
	Rough formwork to sides			
	Formwork to edges, risers, ends and reveals not exceeding 300mm wide or high	m2	5	
0	Rough formwork to sides			
ļ.	REINFORCEMENT			
	Weld Mesh Ref 193 in Concrete bottom slab	m2	5	
1	MASONRY			
	SUPPLEMENTARY PREAMBLES			
	SUPERSTRUCTURE			
ı,	Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class II mortar (Cement to be 42.5N allpurpose cement). Open perp. @ 1540 centres parallel with drainage pipe			
2	One brick walls	m2	2	
	BRICKWORK SUNDRIES			
	Brickwork reinforcement			
3	150mm Wide reinforcement built in horizontally every second course	m	12	
	<u>PLASTERING</u>			
	EXTERNAL PLASTER			
	Cement plaster wood floated, on brickwork			
4	On walls	m2	2	
	Gabion Mattress			
	Gabion mattress comprising of 20 to 30mm stones wrapped in A3 geotextile with voids filled with 1:3 cement/sand mortar.	m2	2	
	<u>Manholes</u>			
6	Manholes to engineers specification	No	5	
	Carried Forward to Summary of Section No. 5			
ŀ	Section No. 5 SECTION 5 - EXTERNAL WORKS Bill No. 1			
	Stormwater			

BILL NO. 2			
<u>APRONS</u>			
SUPPLEMENTARY PREAMBLES			
General These quantities are measured in accordance with SANS 1200 Specifications.			
The Contractor is to notify the Principal Agent immediately if a conflict between the Engineer's Specification, Architectural Drawings and/or these Bills of Quantities are found.			
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			
The total amount for the works should be included in the Tender amount.			
CONCRETE APRONS			
<u>EXCAVATIONS</u>			
Excavation in compacted earth not exceeding 2m deep			
Excavation in earth not exceeding 2m deep for trenches	m3	24	
Extra over all excavations for carting away			
Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	8	
Risk of collapse of excavations			
Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	47	
Compaction of ground surfaces			
Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	79	
FILLING			
Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:			
Under floors	m3	12	
Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.			
Under floors	m3	12	
Coarse river sand filling supplied by the contractor:			
Under floors Carried Forward Section No. 5	m3	2	

Brought Forward Prescribed density tests on filling			
Modified AASHTO Density test	No	5	
REINFORCED CONCRETE			
25MPa/19mm concrete			
Surface beds cast in panels on waterproofing	m3	8	
Edge thickening	m3	3	
CONCRETE SUNDRIES			
Finishing top surfaces of concrete smooth with a power float with high quality "ABC Plate" floor hardener applied at a rate of 7kg/m² in accordance with the Engineer's guidelines			
Finishing concrete bottoms smooth with a steel trowel to falls	m2	79	
TEST CUBES			
Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	1	
ROUGH FORMWORK (DEGREE OF ACCURACY II)			
Rough formwork to sides			
Formwork to edges, risers, ends and reveals not exceeding 300mm wide or high	m2	12	
Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:			
12mm Joints not exceeding 300mm high	m	79	
Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc			
10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	53	
REINFORCEMENT			
REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	79	
WATERPROOFING			
350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured)	m2	87	
SOAKAWAY			
EXCAVATIONS			
Excavation in compacted earth not exceeding 2m deep			
Excavation in earth not exceeding 2m deep for holes	m3	16	
Risk of collapse of excavations			
Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	16	
Compaction of ground surfaces			
Thoroughly compact backfilling materials Carried Forward	m2	16	
Section No. 5 SECTION 5 - EXTERNAL WORKS Bill No. 2			

	Brought Forward			
	Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 90% Mod AASHTO density			
21	Backfilling to holes	m3	8	
	Earth filling with stone material supplied by the contractor:			
22	Under floors	m3	8	
	Coarse river sand filling supplied by the contractor:			
23	Stone (>63mm)	m3	8	
	<u>Membranes</u>			
24	Bidim Geotextile or equal approved, lined on all sides including the top and bottom faces	m2	48	
	<u>Tests</u>			
25	Percolation tests	Item	1	
	Carried Convert to Cummany of Carties No. F			
	Carried Forward to Summary of Section No. 5			
	Section No. 5 SECTION 5 - EXTERNAL WORKS			
	Bill No. 2 Aprons			

BILL NO. 3			
WALKWAYS			
SUPPLEMENTARY PREAMBLES			
<u>General</u>			
These quantities are measured in accordance with SANS 1200 Specifications.			
The Contractor is to notify the Principal Agent immediately if a conflict between the Engineer's Specification, Architectural Drawings and/or these Bills of Quantities are found.			
The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.			
The total amount for the works should be included in the Tender amount.			
CONCRETE WALKWAY			
<u>EXCAVATIONS</u>			
Excavation in compacted earth not exceeding 2m deep			
Excavation in earth not exceeding 2m deep for trenches	m3	46	
Extra over all excavations for carting away			
Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	27	
Risk of collapse of excavations			
Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	91	
Rip and Re - compact insitu material on site compacted to 93% Mod. AASHTO density:			
Under floors	m2	109	
FILLING			
Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:			
Under floors	m3	14	
Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.			
Under floors	m3	33	
Coarse river sand filling supplied by the contractor:			
Under floors	m3	3	
Carried Forward			

	Brought Forward			
	Prescribed density tests on filling			
3	Modified AASHTO Density test	No	7	
	SOIL POISONING			
- 1	Approved brand of anti-termite soil poison applied by a Registered Pest Control Company and guaranteed against termite infestation for ten years:			
- 1	Treat filling under paving with 'Chlordane Heptachlor Aldrin' or equal approved.	m2	200	
	150-175mm Tanalith Treated Gum Pole. poles not allowed to be cut post treatment			
- 1	2100mm long tanalith treated gum pole planted 800mm deep including excavations, cartaways, concrete base etc	No	12	
	CONCRETE TO WALKWAYS			
	Construction of paving complete			
	25MPa/19mm concrete			
L	Walkways	m3	16	
	Reinforcement (Provisional)			
2	REF. 395 fabric reinforcement in concrete infill, strip footings.	m²	109	þ
	Test blocks:			þ
	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	4	
- 1	Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:			
1	12mm Joints not exceeding 300mm high.	m	91	þ
- 1	Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc			
	$10\mathrm{x}12\mathrm{mm}$ In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	91	
	Waterproofing under Surface beds			þ
	350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m²	109	
	Carried Forward			
	Section No. 5 SECTION 5 - EXTERNAL WORKS Walkways			

	Brought Forward		
	Carried Forward to Summary of Section No. 5		
	Section No. 5		
	SECTION 5 - EXTERNAL WORKS		
	Walkways Bill No. 3		
1	IIII NO. 3	1	l l

<u>BILL NO. 4</u>			
RAMPS			
Compaction of ground surfaces			
Compaction of natural or excavated ground surface under floors, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	5	
FILLING			
Earth filling (G7 material) supplied by the contractor in layers not exceeding 125mm thick and compacted to 98% Mod AASHTO density:			
Under floors	m3	1	
Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.			
Under floors	m3	1	
Prescribed density tests on filling			
Modified AASHTO Density test	No	1	
REINFORCED CONCRETE			
25MPa/19mm concrete			
Ramps, Landings	m3	3	
CONCRETE SUNDRIES			
Finishing top surfaces of concrete smooth with a wood float:			
Surface beds, slabs to falls and currents	m2	5	
TEST CUBES			
Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	1	
ROUGH FORMWORK (DEGREE OF ACCURACY II)			
Rough formwork to sides			
Formwork to edges, risers, ends and reveals not exceeding 300mm wide or high	m2	4	
MOVEMENT JOINTS			
Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:			
12mm Joints not exceeding 300mm high	m	3	
Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc			
10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	3	
Carried Forward			
Section No. 5 SECTION 5 - EXTERNAL WORKS			

Brought Forward			
REINFORCEMENT			
REF. 395 fabric reinforcement in concrete surface beds, slabs, etc. WATERPROOFING	m2	5	
350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured)	m2	5	
Carried Forward to Summary of Section No. 5 Section No. 5			
SECTION 5 - EXTERNAL WORKS Ramps Bill No. 4			

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	Brought Forward			
	75mm Ditto as intermediate post - 1 dropper every 3000mm between standard posts	No	46	
	150mm Ditto as gate post 2 400mm long, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	2	
	12mm Diameter galvanised mild steel straining eye bolt with hook, threaded portion and two nuts and washers	No	8	
.0	Form 12mm diameter hole through fence post	No	8	
	<u>Gates</u>			
1	Two leafed vehicular swing gate. Size 5500mm x 1800mm high.	No	2	
	Security fence single gate, size 1 000 mm wide x 1 800 mm high, formed of 50 mm diameter nominal bore x 3,25 mm wall thickness hot dip galvanised mild steel pipe framing all round with mitred and welded angles and cross braces mullion and transome, scribed and welded into angles and at cross intersections, with two 50 mm diameter nominal bore x 3,25 mm wall thickness security posts each 600 mm long with one end welded to top rail of gate and closure plate to other end, the gate covered with $100 \times 50 \times 2,5$ mm weld mesh with four straining wires as before described and with four 2,37 mm four point core diameter single "kampeon" wires with crimped droppers to security posts as before described; including three strands flat wrap razor barbed tape wire fixed as before described, leaf fitted with three 24 mm diameter x 300 mm long eyebolt hinges and stops including all holes, etc., welded or bolted to adjoining galvanised gatepost with and including 500 mm long approved chain spot welded to gate	m	1	
	PADLOCKS PADLOCKS			
L3	Supply 50 mm "Viro" Padlocks and Keys (or equal approved	m	1	
	ACCESS DRIVEWAY, ETC.			
	Excavation not exceeding 2m deep			
	Reducing levels and depositing excavated material in prescribed stock piles on site.	m³	35	
	Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):			
5	Off site to a dumping site to be found by the Contractor.	m³	18	
	Filling supplied by the contractor under driveways			
6	G7 Base course material compacted to 98% Mod AASHTO density	m³	6	
	Rip and Re - compact insitu material on site compacted to 93% Mod. AASHTO density:			
7	Under floors, etc.	m²	40	
	Approved brand of anti-termite soil poison applied by a Registered Pest			
	Control Company and guaranteed against termite infestation for ten years:			
	Treat filling under paving with 'Chlordane Heptachlor Aldrin' or equal approved.	m²	40	
	Supply and installation of gates to match fencing specifications (measured elsewhere) to be fixed flush by specialist according to manufacturer's instruction; including all necessary ironmongery and locking mechanisms			
9	Vehicular entrance gate 6000mm wide complete with motor.	No	1	
	Carried Forward to Summary of Section No. 5			
	Section No. 5 SECTION 5 - EXTERNAL WORKS Bill No.5 Fencing			

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SECTION NO. 6			
BILL NO. 1			
SITE PERSONNEL			
COMMUNITY LIAISON OFFICER			
Provide the sum of R22 500.00 for the employment of a Community Liaison Officer to be employed by the Main Contractor and be paid an allowance of R7 500.00 a month for the duration (3 months)	ltem	1	
Allow for Profit on above two items	%IT		
Carried to Final Summan	у		
Section No. 6 SECTION 6 - SOCIO ECONOMC DEVELOPMENT Bill No. 1			

SECTION NO. 7		
BILL NO. 1		
PROVISIONAL SUMS		
SUPPLEMENTARY PREAMBLES		
<u>General</u>		
The following Provisional Amounts are for work to be done by firms of specialists and will, unless expressly stated otherwise, be regarded as Selected Sub-contractors to the Contractor. The Contractor must assist in obtaining tenders and/or quotations from approved firms and submit them to the Agent/Representative for his approval. The tenderer's attention is drawn to Section 1: Preliminaries for further amplification of Provisional- and Prime Cost Amounts.		
Note: All provisional sums are "NETT".		
The profit and attendance on Nominated/Selected Subcontract allowances will be adjusted to take the of actual Final Account values of the respective Subcontracts into account. The adjustment factor will be the percentages calculated with reference to the BoQ allowances.		
<u>Profit</u>		
Where listed the contractor may allow for profit if required. The profit will be adjusted in the same ratio as the adjusted value of the subcontract.		
<u>Attendance</u>		
Without in any way limiting the meaning and interpretation, "general attendance" on sub-contractors shall include free of charge to the sub-contractor the following services for the purpose of the relative sub-contract works:		
 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 and lighting and of single and/or three phase electric power to a position within 50 metres of the place where work is to be carried out, but excluding water, fuel and power for commissioning of the installation for which the Contractor shall be responsible;		
3) the provision of an area for office accommodation, temporary workshops and for the storage of plant and materials;		
4) 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;		
5) the use of messrooms, latrine, health and welfare facilities, and the like, where provided;		
6) the use of the site telephone (if provided) subject to the payment by the sub-contractor for all his outgoing calls;		
7) temporary casing and/or other protection of the work;		
8) site security measures;		
Carried Forward		
Section No. 7 SECTION 7 - PRIME COST AND PROVISIONAL SUMS Bill No. 1 Provisional Sums		

Brought Forward			
 hoisting of the sub-contractor's material in loads not exceeding the available hoisting loads of cranes of the contractor; 			
 repairs and making good in all trades and final cleaning down on completion. 			
Fuel, power and water for commissioning plant			
The cost of fuel, power and water for the commissioning of plant shall be borne by the sub-contractor appointed for the relevant sub-contract works in terms of the conditions under which they have/are contracted for the specialist work involved. The contractor shall allow opposite this item or under the relevant attendance items for the recovery of such costs via the installation of the necessary meters			
Work executed by direct contractors			
Work listed under the heading "Work executed by direct contractors" shall be executed before and during this contract and the tenderer must allow free access to the site for such other contractors. These contractors shall be directly paid by the client and the tenderer must allow for programming in conjunction with them to complete the project successfully within the contract period. The estimated values of these contracts are listed to enable the tenderer to determine the extent of the attendance if required. Profit on these contracts shall not be allowed.			
Budgetary allowances			
Budgetary allowances shall be re-measured and valued on the same pricing structure as the rest of the contract or shall be omitted in full if so required.			
Landscaping and irrigation			
Provide the sum of R50 000. 00 for landscaping to be used as directed by the Principal Agent and deducted in whole or in part if not required.	Item	1	
Allow for Profit if required	%IT		
Carried to Final Summary			
Section No. 7			
SECTION 7 - PRIME COST AND PROVISIONAL SUMS Bill No. 1			
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THE MVULA TRUST SAFE PROGRAMME -OMMITED SEA VIEW SENIOR SECONDARY SCHOOL

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Subtotal			
CONTINGENCIES			
Provide 5% for Construction Contingencies to be used at the discretion of the Principal Agent or deducted in whole or in part if not required			
Sub-Total			
<u>Value Added Tax</u>			
ADD: Value added Tax at 15%			
TOTAL			
Carried to Form of Tender			
	1		