

	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 1</b> <b>PRELIMINARIES</b>  <p>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".</p> <p><b>PRICING OF PRELIMINARIES</b></p> <p>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</p> <p>Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.</p> <p><b>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</b></p> <p><b>DEFINITIONS</b></p> <p><b>DEFINITIONS AND INTERPRETATION</b></p> <p>1 Clause 1.0 Clause 1.1 is amended by the addition of the following clause: Clause 1.10 The copyright in all contract documents, contract drawings and records (irrespective of who prepared any of the aforesaid) related in any manner to the works shall vest in the employer and the contractor shall not furnish any information in connection with the works to any person or organization without the prior written approval of the employer to this effect other than subcontractors appointed for purposes of this agreement. Fixed: _____ Value related: _____ Time related: _____</p> <p><b>OBJECTIVE AND PREPARATION</b></p> <p><b>OFFER, ACCEPTANCE AND PERFORMANCE</b></p> <p>2 Clause 2.0 Fixed: _____ Value related: _____ Time related: _____</p> <p><b>DOCUMENTS</b></p> <p>3 Clause 3.0</p> <p>Clause 3.5 no clause</p> <p>Clause 3.7 is amended by the addition of the following:</p> <p>The contractor shall keep a copy of all drawings, schedules, unpriced bills of quantities/lump sum document, contract instructions, minutes of site and other meetings, health and safety files as specified in the scope of work, risk register, claims and variation order register, labour records and subcontractors contracts on the site to which the employer, principal agent and agents shall have access at all times. The employer has the right to call for such further information from the contractor it deems necessary in the event it carries out any investigation or audit into potential fraud, corruption, fronting, health and safety incidents or verifying information the contractor has to supply to the employer in terms of this agreement. The Contractor shall ensure a similar right for the Employer with its subcontractors.</p> <p>Clause 3.10 is amended by replacing the first reference to "principal agent" with the word "employer"</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>				
		Item	1	R 500,00	R500,00
		Item	1	R 500,00	R500,00
		Item	1	R 1 500,00	R1 500,00

DESIGN RESPONSIBILITY					
4	<p>Clause 4.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>EMPLOYER'S AGENTS</p>	Item	1	R	500,00 R500,00
5	<p>Clause 5.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>SITE REPRESENTATIVE</p>	Item	1	R	500,00 R500,00
6	<p>Clause 6.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>COMPLIANCE WITH REGULATIONS</p>	Item	1	R	35 000,00 R35 000,00
7	<p>Clause 7.0</p> <p>Clause 7 is amended by the addition of the following clauses: Clause 7.3 The Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations 2014 will in all respects be applicable to this contract. All obligations in respect of health and safety requirements of the Contractor are set out in the Scope of Work Clause 7.3.1 Notwithstanding any actions which the employer may take, the contractor accepts sole liability for due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures imposed by the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and all its regulations, including the Construction Regulations, 2014, for which the contractor is liable as mandatory. By entering into this agreement it shall be deemed that the parties have agreed in writing to the above provisions in terms of Section 37 (2) of the Act and will enter into the mandatory agreement as set out in the Scope of Work. This clause will be sufficient to establish the mandatory obligations of the contractor in the event the parties fail to execute the aforesaid mandatory agreement.</p> <p>Note: The provisions herein include inter alia, compliance 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), and in particular with Regulation 5(1) requiring the compilation of a health and safety plan, as well as Regulation 6(1) requiring the appointment of a construction supervisor</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>WORKS RISK</p>	Item	1	R	5 000,00 R5 000,00
8	<p>Clause 8.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>INDEMNITIES</p>	Item	1	R	400,00 R400,00
9	<p>Clause 9.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>WORKS INSURANCES</p>	Item	1	R	200,00 R200,00
10	<p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p> <p>(a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p>	Item	1	R	2 000,00 R2 000,00

(b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works

(c) The employer shall carry the risk of damage to or destruction of the works and material paid for by the employer that is the result of the excepted risks as set out in 10.6

(d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

#### 10.6 Injury to Persons or loss of or damage to Properties

(a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable

(b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable

(c) The contractor shall, upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor

(d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion

(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed

(f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works

#### 10.7 High risk insurance

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

##### 10.7.1 Damage to the works

The contractor shall, from the commencement date of the works until the date of the certificate of practical completion bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary

When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs

##### 10.7.2 Injury to persons or loss of or damage to property

The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so

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: \_\_\_\_\_

#### LIABILITY INSURANCES

11	Clause 11.0	Item	1	R	3 000,00	R3 000,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### EFFECTING INSURANCES

12	Clause 12.0	Item	1	R	300,00	R300,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

13	Clause 13	Item	1	R	300,00	R300,00
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No Clause

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

#### SECURITY

14	Clause 14.0	Item	1	R	5 000,00	R5 000,00
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Sub- clause 14.1 amend to read: The employer shall have the right to choose the security to be provided in terms of 14.3 or 14.4 as stated in the schedule. The contractor shall provide the security required or chosen by the employer in the schedule substantially in the format prescribed in the tender documents that the contractor submitted a tender offer. The required security shall be provided in the time period prescribed by the employer in the conditional letter of acceptance of the contractor's tender offer.

Amend sub-clause 14.3.1 Replace "twelve point five percent (12.5%)" with "ten percent (10%)".

Amend sub-clause 14.4.1 Replace "seven point five percent (7.5%)" with "ten percent(10%)".

Amend sub-clause 14.7.1: Replace "two point five percent (2.5%)" with "five percent (5%)".

Add sub-clause 14.9 A payment reduction of ten (10%) of the value of each payment certificate up to a maximum of ten (10%) of the contract sum will be applied until practical completion. At practical completion the amount withheld will be reduced to five (5%), which amount will reduce to nil (0%) when the final account is issued.

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

## EXECUTION

### PREPARATION FOR AND EXECUTION OF THE WORKS

#### 15 Clause 15.0

Item

1 R

5 000,00

R5 000,00

Clause 15.1 is amended by replacing "principal agent" with "employer"

Clause 15.1.1 is amended by replacing it with:

No clause

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

### ACCESS TO THE WORKS

#### 16 Clause 16.0

Item

1 R

200,00

R200,00

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

### CONTRACT INSTRUCTIONS

#### 17 Clause 17.0

Item

1 R

200,00

R200,00

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

### SETTING OUT OF THE WORKS

#### 18 Clause 18.0

Item

1 R

200,00

R200,00

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

### ASSIGNMENT

#### 19 Clause 19.0

Item

1 R

200,00

R200,00

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

### NOMINATED SUBCONTRACTORS

#### 20 Clause 20.0

Item

1 R

200,00

R200,00

Clause 20.1.3 is amended by replacing it with the following:

No clause

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

### SELECTED SUBCONTRACTORS

#### 21 Clause 21.0

Item

1 R

200,00

R200,00

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

### EMPLOYER'S DIRECT CONTRACTORS

#### 22 Clause 22.0

Item

1 R

200,00

R200,00

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

### CONTRACTOR'S DOMESTIC SUBCONTRACTORS

#### 23 Clause 23.0

Item

1 R

500,00

R500,00

Clause 23 is amended by the addition of the following clauses: Clause 23.3 The contractor may not subcontract the whole of the work without the written instruction or approval of the employer. In such event the employer may require the contractor to cede the contract to the subcontractor." Clause 23.4 The subcontractors appointed by the contractor to comply with the developmental and transformation requirements from the employer in terms of applicable legislation, including but not limited to the Preferential Procurement Policy Framework Act, 5 of 2000, and regulation thereto, will be domestic subcontractors for purposes of this agreement, and sub-clauses 23.1 and 23.2 will apply accordingly.

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

#### COMPLETION

#### PRACTICAL COMPLETION

24	Clause 24.0	Item	1	R	200,00	R200,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### WORKS COMPLETION

25	Clause 25.0	Item	1	R	200,00	R200,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### FINAL COMPLETION

26	Clause 26.0	Item	1	R	100,00	R100,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### LATENT DEFECTS LIABILITY PERIOD

27	Clause 27.0	Item	1	R	200,00	R200,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### SECTIONAL COMPLETION

28	Clause 28.0	Item	1	R	100,00	R100,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### REVISION OF DATE FOR PRACTICAL COMPLETION

29	Clause 29.0	Item	1	R	200,00	R200,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### PENALTY FOR NON-COMPLETION

30	Clause 30.0	Item	1	R	1 000,00	R1 000,00
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Clause 30 is amended by replacing reference to "36.3" at end of sentence with "36.0"

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

#### PAYMENT

#### INTERIM PAYMENT TO THE CONTRACTOR

31	Clause 31.0	Item	1	R	100,00	R100,00
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Clause 31.9 is amended by replacing the words "seven (7) calendar days" in the first line by the words "thirty (30) calendar days"

Clause 31.12 is amended by deleting the following:

Payment shall be subject to the employer giving the contractor a tax invoice for the amount due

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

#### ADJUSTMENT TO THE CONTRACT VALUE

32 Clause 32.0

Item

1 R

200,00

R200,00

Clauses 32.13 is amended with the addition of the following: CPAP shall only be applicable to works that progress to later than twelve (12) months from commencement date. Where the period is prolonged beyond the first twelve months due to the delay or non-performance by the employer, the CPAP shall be applicable; however where the period is extended due to contractor's failure to perform or delay caused by the contractor CPAP shall not be applicable. The contract value is to be adjusted using CPAP indices. The base month to be used to calculate CPAP is tender closing date. The value of the certificates issued shall be adjusted in accordance with the JBCC Contract Price Adjustment Schedules, from the thirteenth month of the works.

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

#### RECOVERY OF EXPENSE AND LOSS

33 Clause 33.0

Item

1 R

100,00

R100,00

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

#### FINAL ACCOUNT AND FINAL PAYMENT

34 Clause 34.0

Item

1 R

100,00

R100,00

Clause 34.2 is amended by inserting "#" next to 34.2

Clause 34.13 is amended by deleting the words "subject to the employer giving the contractor a tax invoice for the amount due"

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

#### PAYMENT TO OTHER PARTIES

35 Clause 35.0

Item

1 R

100,00

R100,00

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

#### CANCELLATION

##### CANCELLATION BY EMPLOYER – CONTRACTOR'S DEFAULT

36 Clause 36.0

Item

1 R

100,00

R100,00

Clause 36.1 is amended by the addition of the following clauses:

36.1.3 refuses or neglects to comply strictly with any of the conditions of contract

36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract

Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer"

Clause 36.0 is amended by the addition of the following clause:

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

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

CANCELLATION BY EMPLOYER – LOSS AND DAMAGE

37	Clause 37.0	Item	1	R	100,00	R100,00
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Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"

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 related: \_\_\_\_\_

CANCELLATION BY CONTRACTOR – EMPLOYER'S DEFAULT

38	Clause 38.0	Item	1	R	100,00	R100,00
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Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"

Clause 38.0 is amended by the addition of the following clause:

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: \_\_\_\_\_

CANCELLATION – CESSATION OF THE WORKS

39	Clause 39.0	Item	1	R	100,00	R100,00
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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: \_\_\_\_\_

DISPUTE

DISPUTE SETTLEMENT

40	Clause 40.0	Item	1	R	100,00	R100,00
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Clause 40.0 is amended by removing all state clause amendments

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

SUBSTITUTE PROVISIONS

STATE CLAUSES

41	Clause 41.0 Clause 41.1.3 Is amended to read "CONSTRUCTION PERIOD" means the period commencing on the date on which possession of site is given to the contractor as stated in the schedule and ending on the date of practical completion	Item	1	R	100,00	R100,00
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Add sub- clause 41.1.4 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 stated date 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.



Add sub- clause 41.1.5 Should the contractor fail to proceed with a contract instruction with due diligence, the principal agent may give notice to the contractor to proceed within five (5) working days of receipt of such notice. Where the contractor remains in default, the employer may engage others to carry out such contract instructions and recover expenses and/or loss incurred.

Clause 39.2 Is amended by replacing the third sentence with the following: The employer shall pay the contractor all amounts due in terms of the contract for work completed at the date of termination or cancellation in terms of this clause 39.2, including retention money after deducting any amounts due to the employer. The employer will also return any guarantees still valid to the contractor after such cancellation.

Clauses 39.2.1 to 39.2.3 Amend to no clause

Clauses 21.0 Delete no clause

42	Fixed: _____ Value related: _____ Time related: _____	Item	1	R	100,00	R100,00
CONTRACT VARIABLES						
THE SCHEDULE (C1.2.2: CONTRACT SPECIFIC DATA)						
PRE-TENDER INFORMATION						
43	Clause 42.0 Tenderers are referred to the document C1.2.2: Contract Specific Data for variables pertaining to this contract	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
SECTION B: JBCC PRELIMINARIES						
DEFINITIONS AND INTERPRETATION						
44	B 1.1 Definitions and interpretation	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
DOCUMENTS						
45	B 2.1 Checking of documents	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
46	B 2.2 Provisional bills of quantities	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
47	B 2.3 Availability of construction documentation	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
48	B 2.4 Interests of agents	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
49	B 2.5 Priced documents	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
50	B 2.6 Tender submission	Item	1	R	100,00	R100,00
	Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance (C1.1)"					
	Fixed: _____ Value related: _____ Time related: _____					
THE SITE						
51	B 3.1 Defined works area	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					

	B 3.2 Geotechnical investigation	Item	1	R	100,00	R100,00
52	Fixed: _____ Value related: _____ Time related: _____					
	B 3.3 Site inspection	Item	1	R	100,00	R100,00
	Tenderers shall complete the Site Inspection Certificate included in the tender documents and return the same with the tender submission.					
	Fixed: _____ Value related: _____ Time related: _____					
53	B 3.4 Existing premises occupied	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
54	B 3.5 Previous work – dimensional accuracy	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
55	B 3.6 Previous work – defects	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
56	B 3.7 Services – known	Item	1	R	150,00	R150,00
	Fixed: _____ Value related: _____ Time related: _____					
57	B 3.8 Services – unknown	Item	1	R	150,00	R150,00
	Fixed: _____ Value related: _____ Time related: _____					
58	B 3.9 Protection of trees	Item	1	R	150,00	R150,00
	Fixed: _____ Value related: _____ Time related: _____					
59	B 3.10 Articles of value	Item	1	R	200,00	R200,00
	Fixed: _____ Value related: _____ Time related: _____					
60	B 3.11 Inspection of adjoining properties	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
	MANAGEMENT OF CONTRACT					
61	B 4.1 Management of the works	Item	1	R	253 100,00	R253 100,00
	Fixed: _____ Value related: _____ Time related: _____					
62	B 4.2 Programme for the works	Item	1	R	200,00	R200,00
	Fixed: _____ Value related: _____ Time related: _____					
63	B 4.3 Progress meetings	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
64	B 4.4 Technical meetings	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
65	B 4.5 Labour and plant records	Item	1	R	150,00	R150,00
	Fixed: _____ Value related: _____ Time related: _____					
	SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS					
66	B 5.1 Samples of materials	Item	1	R	50,00	R50,00
	Fixed: _____ Value related: _____ Time related: _____					

67	B 5.2 Workmanship samples	Item	1	R	50,00	R50,00
	Fixed: _____ Value related: _____ Time related: _____					
68	B 5.3 Shop drawings	Item	1	R	1 000,00	R1 000,00
	Fixed: _____ Value related: _____ Time related: _____					
69	B 5.4 Compliance with manufacturers' instructions	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
	TEMPORARY WORKS AND PLANT					
70	B 6.1 Deposits and fees	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
71	B 6.2 Enclosure of the works	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
72	B 6.3 Advertising	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
73	B 6.4 Plant, equipment, sheds and offices	Item	1	R	250 000,00	R250 000,00
	Fixed: _____ Value related: _____ Time related: _____					
74	B 6.5 Main notice board	Item	1	R	1 500,00	R1 500,00
	Fixed: _____ Value related: _____ Time related: _____					
75	B 6.6 Subcontractors' notice board	Item	1	R	1 000,00	R1 000,00
	Fixed: _____ Value related: _____ Time related: _____					
	TEMPORARY SERVICES					
76	B 7.1 Location	Item	1	R	1 000,00	R1 000,00
	Fixed: _____ Value related: _____ Time related: _____					
77	B 7.2 Water	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
78	B 7.3 Electricity	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
79	B 7.4 Telecommunication facilities	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
80	B 7.5 Ablution facilities	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
	PRIME COST AMOUNTS					
81	B 8.1 Responsibility for prime cost amounts	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
	ATTENDANCE ON N/S SUBCONTRACTORS					
82	B 9.1 General attendance	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					

83	B 9.2 Special attendance	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
84	B 9.3 Commissioning – fuel, water and electricity	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
	FINANCIAL ASPECTS					
85	B 10.1 Statutory taxes, duties and levies	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
86	B 10.2 Payment for preliminaries Option A will apply and the contractor will not have the right to select Option B	Item	1	R	500,00	R500,00
	Fixed: _____ Value related: _____ Time related: _____					
87	B 10.3 Adjustment of preliminaries Option A will apply and the contractor will not have the right to select Option B	Item	1	R	500,00	R500,00
	Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "in his priced bills of quantities submitted with his tender offer"					
	Fixed: _____ Value related: _____ Time related: _____					
88	B 10.4 Payment certificate cash flow	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
	GENERAL					
89	B 11.1 Protection of the works	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
90	B 11.2 Protection / isolation of existing / sectionally occupied works	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
91	B 11.3 Security of the works	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
92	B 11.4 Notice before covering work	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
93	B 11.5 Disturbance	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
94	B 11.6 Environmental disturbance	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
95	B 11.7 Works cleaning and clearing	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
96	B 11.8 Vermin	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
97	B 11.9 Overhand work	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
98	B 11.10 Instruction manuals and guarantees	Item	1	R	100,00	R100,00

	Fixed: _____ Value related: _____ Time related: _____					
99	B 11.11 As built information	Item	1	R	100,00	R100,00
	Fixed: _____ Value related: _____ Time related: _____					
100	B 11.12 Tenant installations	Item	1	R	50,00	R50,00
	Fixed: _____ Value related: _____ Time related: _____					
	SCHEDULE OF VARIABLES					
101	B 12.1 Schedule of variables	Item	1	R	50,00	R50,00
	Fixed: _____ Value related: _____ Time related: _____					
	<p>This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries.</p>					
	<p>Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [ ] brackets</p>					
	PRE-TENDER INFORMATION					
	B 12.1.1 Provisional bills of quantities					
	[B 2.2] The quantities are provisional					
	B 12.1.2 Availability of construction documentation					
	[B 2.3] Construction documentation is complete					
	B 12.1.3 Interests of agents					
	[B 2.4] Details: NONE					
	B 12.1.4 Defined works area					
	[B 3.1] Details: Refer to C4 Site Information					
	B 12.1.5 Geotechnical investigation					
	[B 3.2] Details: NONE					
	B 12.1.6 Existing premises occupied					
	[B 3.4] Specific requirements: N/A					
	B 12.1.7 Previous work – dimensional accuracy					
	[B 3.5] Details: N/A					
	B 12.1.8 Previous work - defects					
	[B 3.6] Details: N/A					
	B 12.1.9 Services - known					
	[B 3.7] Details: N/A					
	B 12.1.10 Protection of trees					
	[B 3.9] Specific requirements: Maroela tree must be protected and will be pointed out at site inspection meeting.					
	B 12.1.11 Inspection of adjoining properties					

[B 3.111] Specific requirements: NONE

B 12.1.12 Enclosure of the works

[B 6.2] Specific requirements: The site must be suitably hoarded with at least a 1.8m high diamond mesh fence at all times with a limited number of restricted access points.

B 12.1.13 Offices

[B 6.4.3] Specific requirements:

The contractor shall provide, keep clean and maintain and remove on completion of the works, air conditioned offices for the exclusive use of the Employer's agents comprising the following accommodation requirements:

6 x Site office which shall be used solely by the Employer's Representative. Such an office shall comprise a minimum of 20m<sup>2</sup> in area and 3m high, be ventilated, have good lamination, must be reasonably sound proof, and have a hard floor construction. It shall be furnished with a desk with lockable drawers on which drawings can be rolled open and on which there is sufficient writing space and a minimum of three temporary chairs.

Site boardroom which shall be used for site meetings and for the contractor's use. Such an office shall comprise a minimum of 20m<sup>2</sup> in area and 3m high, be ventilated, have good lamination, must be reasonably sound proof, and have a hard floor construction. It shall be furnished with a desk on which drawings can be rolled open and on which there is sufficient writing space and sufficient temporary chairs or benches to accommodate all persons present at site meetings. (Minimum 15 seater) All windows are to be fitted with burglar bars and offices suitably insulated and ventilated and having good lighting. The Contractor is required to provide latrine and ablution facilities for the exclusive use of the professional team and client.

The following facilities will be supplied to the employers representatives: - 15 Hardhats for employers representatives visiting the site - 15 Safety (High visibility) jackets for employer representatives visiting the site - 15 sets of safety Goggles - 15 sets of earplugs (when applicable) - COVID-19 PPE requirements

B 12.1.14 Main notice board

[B 6.5] Specific requirements:

The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces.

B 12.1.15 Subcontractors' notice board

[B 6.6] A notice board is required:

B 12.1.16 Water

[B 7.2.1] Option A (by contractor)

[B 7.2.2] Option B (by employer - free of charge)

[B 7.2.3] Option C (by employer - metered)

B 12.1.17 Electricity

[B 7.3.1] Option A (by contractor)

[B 7.3.2] Option B (by employer - free of charge)

[B 7.3.3] Option C (by employer - metered)

B 12.1.18 Telecommunications

[B 7.4.1] Telephone

102	<p>[B 7.4.2] Facsimile</p> <p>[B 7.4.3] E-mail</p> <p>B 12.1.19 Ablution facilities</p> <p>[B 7.5.1] Option A (by contractor)</p> <p>[B 7.5.2] Option B (by employer)</p> <p>B 12.1.20 Protection of existing/sectionally occupied works</p> <p>[B 11.2] Protection is required</p> <p>B 12.1.21 Special attendance</p> <p>[B 9.2] Subcontractor (1) details: NONE</p> <p>[B 9.2] Subcontractor (2) details: NONE</p> <p>[B 9.2] Subcontractor (3) details: NONE</p> <p>[B 9.2] Subcontractor (4) details: NONE</p> <p>B 12.1.22 Protection of the works</p> <p>[B 11.1] Specific requirements: NONE</p> <p>B 12.1.23 Disturbance</p> <p>[B 11.5] Specific requirements:</p> <p>The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent</p> <p>B 12.1.24 Environmental disturbance</p> <p>[B 11.6] Specific requirements: As per attached Environmental Management Plan</p> <p>POST-TENDER INFORMATION</p> <p>B 12.2 Payment of preliminaries</p> <p>[B 10.2.1] Option A (prorated)</p> <p>[B 10.2.2] Option B (calculated)</p> <p>B 12.2.2 Adjustment of preliminaries</p> <p>[B 10.3.1] Option A (three categories)</p> <p>[B 10.3.2] Option B (detailed breakdown)</p> <p>B 12.2.3 Additional agreed preliminaries items</p> <p>Details:</p> <p>SECTION C: SPECIFIC PRELIMINARIES</p> <p>Section C contains specific preliminary items which apply to this contract</p> <p>C1 CONTRACT DRAWINGS</p> <p>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</p>			
	Item	1 R	100,00	R100,00
<p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C2 GENERAL PREAMBLES</p>				

103	<p>The document "Construction Works: Specification (PW371-A and PW371-B)" is obtainable on request from the head office and all regional offices of the Department, 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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C3 TRADE NAMES</p> <p>Wherever a trade name for any product has been described in the bills of quantities / lump sum document, the tenderers 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</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C4 IMPORTED MATERIALS AND EQUIPMENT</p> <p>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. (refer to Schedule of Imported Materials and Equipment to be completed by tenderer)</p> <p>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)</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C5 VIEWING THE SITE IN SECURITY AREAS</p> <p>The site is situated in a security area and the tenderer must arrange with the responsible officer to obtain permission to enter the site for tendering purposes</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C6 COMMENCEMENT OF WORKS IN SECURITY AREAS</p> <p>As the works falls within a security area the contractor must give the 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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C7 ENTRANCE PERMITS TO SECURITY AREAS</p> <p>As the works falls within a security area the contractor shall obtain entrance 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 chief security officer</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C9 SECURITY CHECK OF PERSONNEL</p> <p>The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C10 PROHIBITION ON TAKING OF PHOTOGRAPHS</p>	Item	1	R	100,00	R100,00
104		Item	1	R	100,00	R100,00
105		Item	1	R	100,00	R100,00
106		Item	1	R	100,00	R100,00
107		Item	1	R	100,00	R100,00
108		Item	1	R	100,00	R100,00
109		Item	1	R	100,00	R100,00



110	<p>In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister</p> <p>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</p>	Item	1	R	100,00	R100,00
111	<p>Fixed: _____ Value related: _____ Time related: _____</p> <p>HIV/AIDS AWARENESS</p> <p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C11.1 to C11.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained</p> <p>The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31 of "Section 1: Preliminaries (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</p> <p>C11.1 AWARENESS CAMPAIGN</p> <p>Selection, appointment, briefing and making available of an Awareness Campaign including provision of all relevant services, all in accordance with the HIV/AIDS</p>	Item	1	R	100,00	R100,00
112	<p>Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C11.2 AWARENESS WORKSHOPS</p> <p>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</p>	Item	1	R	100,00	R100,00
113	<p>assessment procedures, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C11.3 POSTERS, BOOKLETS, VIDEOS, ETC.</p> <p>Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the</p>	Item	1	R	100,00	R100,00
114	<p>construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C11.4 ACCESS TO CONDOMS</p> <p>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</p>	Item	1	R	100,00	R100,00
115	<p>the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p>C11.5 MONITORING</p> <p>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</p>	Item	1	R	100,00	R100,00
116	<p>accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	1	R	200,00	R200,00

#### C12 OCCUPATIONAL HEALTH AND SAFETY ACT

117	<p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No.85 of 1993).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	1	R	5 000,00	R5 000,00
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#### C13 COVID-19 MONITORING & AWARENESS

117	<p>The contractor shall comply with all the requirements set by Government and as required depending on the National Alert Level implemented at the time of construction. COVID-19 awareness and safe operating procedures must include, but are not limited to, daily screening of all workers and site visitors on arrival and departure, record keeping, daily awareness reminders, awareness posters, sanitising stations, PPE, etc. The contractor shall price opposite this item for the development and implementation of a COVID-19 plan and appointment of COVID-19 officer.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	1	R	200,00	R200,00
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#### C14 SUBCONTRACTING AS A CONDITION OF TENDER

118	<p>Where SMMEs are sufficiently resourced, a minimum of 10% of the value of the work must be subcontracted. Where SMMEs are insufficient resources to execute the proposed works as a complete package the Contractor may conclude contracts on a management/labour basis in which event a minimum of 5% of the value the works is to be subcontracted. The onus is on the Contractor to prove to the employer that no fully fledged SMMEs are active in the area of the project.</p> <p>Provision for pricing of all the main contractor's cost in this regard is made under this clause and are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	1	R	200,00	R200,00
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#### C15 GENERAL LABOUR MINIMUM TARGETS

119	<p>General Labour minimum targets: It is mandatory that tenderers/bidders employ the minimum stipulated personnel on the contracts for the local community where the project is being implemented. This employment is outside the existing employees of the tenderers/bidders. For the general labour force, the minimum number of people to be employed for the duration of the Project will be calculated from the formula below. Tenderers are to also note that it is an explicit condition of this tender that all unskilled labourers on the project are to be employed from the local community. The Contractor is therefore expected in general to maximise the involvement of the local community. Take note that the local labour employed must not be paid lower than the minimum approved Municipal rates in that district or area. The Contractor shall be required to submit employment data on a monthly basis to the Project Manager. Should the contractor at Works Completion, be in default by non-attainment of the above mentioned labour intensive targets, the Employer shall have the right to, without prejudice of any other rights, apply a penalty of not exceeding 5% of the contract sum.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item	1	R	1 000,00	R1 000,00
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#### C16 LOCAL LABOUR

It is the intention that this Contract should make maximum use of the local labour force that is presently under-employed. To this end the Contractor shall limit the utilisation on the Contract of non-local employees to that of key personnel only and to employ and train local labour to the extent necessary for the execution and completion of this Contract. The Contractor shall fill in the form entitled Key Personnel in the Forms to be completed by the Bidder. The data stated on the above-mentioned form will be strictly monitored during the Contract period and any deviations there from shall be subject to the prior approval of the Principal Agent, which approval shall not be unreasonably withheld. The employment of casual labour will be done in co-operation with community leaders and local structures. The bidder shall ensure that all remuneration paid to employees is in line with the relevant sectorial determination in terms of the Basic Conditions of Employment Act, No 75 of 1997, as determined by the Department of Labour.

120	Item	1	R	500,00	R500,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### C17 LOCAL MATERIAL

Regarding procurement of materials, local is hereby defined as the district in which the project(s) is/are located. The minimum target for materials sourced locally is 20% of the contract value

121	Item	1	R	500,00	R500,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### C18 NON ACCREDITED TRAINING OF LABOUR

The Contractor shall provide all the necessary on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract in a manner that does not compromise worker health and safety. The contractor shall be responsible for scheduling the training of workers and shall take all reasonable steps to ensure that each beneficiary is provided with a minimum of six (6) days of formal training if he/she is employed for 3 months or less and a minimum of ten (10) days if he/she is employed for 4 months or more. The Contractor shall do nothing to dissuade targeted labour from participating in training programmes. Proof of compliance with all the requirements must be provided by the Contractor to the Employer prior to submission of the final payment certificate.

122	Item	1	R	500,00	R500,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

#### C19 ENVIRONMENTAL MANAGEMENT PLAN

The contractor shall comply with all the requirements in the environmental management plan attached to this document. It is required of the contractor to thoroughly study attached environmental management plan. The contractor must take note that compliance with the environmental management plan 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 all the main contractors cost in this regard is made under this clause and are deemed to be priced hereunder and no additional claims in this regard shall be entertained.

123	Item	1	R	500,00	R500,00
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Fixed: \_\_\_\_\_ Value related: \_\_\_\_\_ Time related: \_\_\_\_\_

Carried to summary

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Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 2</b> <b>ALTERATIONS</b> PREAMBLES  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  TRADE NAMES  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  NOTE: The following items shall be deemed to fall into Work Group No 102 for JBCC CPAP purposes _____  <b>BARRICADES, SCREEENS, ETC</b>  <u>KNITTED BARRIER NETTING</u>				
1	2000mm High knitted plastic netting to barricade the site supported by vertical 2000mm high wooded poles at 1500mm centres and horizontal wires at 500mm wide centres including all fixes	m	345	-	-
	<b>REMOVALS</b>  <u>FENCING</u>				
2	Remove damaged fencing and cart away to dumpsite allocated by contractor	m	1	-	-
3	Remove damaged steel fencing support 1500mm high poles and cart away to dumpsite allocated by contractor	no	48	-	-
	<u>PRECAST CONCRETE</u>				
4	Remove damaged precast concrete seating and cart away to dumpsite allocated by contractor	no	22	-	-
5	Remove damaged precast concrete channels and cart away to dumpsite allocated by contractor	no	6	-	-
	<u>ROOF SHEETING</u>				
6	Remove damaged roof sheeting including all fixes and cart away to dumpsite allocated by contractor	m2	12	-	-
	<u>RAINWATER DISPOSAL</u>				
7	Remove damaged rain water 150 x 150mm wide gutter box including fixing clips and cart away to dumpsite allocated by contractor	no	28	-	-
8	Remove damaged rain rectangular 100 x 100mm downpipes including fixing clips and cart away to dumpsite allocated by contractor	m	11	-	-
	<u>PLUMBING AND DRAINAGE</u>				
9	Complete gut out of all damaged sanitary fittings including pipeworks previously fitted	no	10	-	-
10	Complete gut out of damaged galvanised pipes including fixes	m	13	-	-
	<b>ALTERATION WORKS</b>				
	<u>Cleaning of brickwalls and concrete and sealing measure elsewhere</u>	H3	0	-	-
11	Clean off all graffiti completely on brick walls	m2	204	-	-

12	Clean off all graffiti completely on concrete	m2	175	-
13	Clean off all graffiti completely on plaster	m2	385	-
	<u>Allow for deep cleaning to all areas</u>			
14	Deep cleaning	m2	304	-
	Carried to summary			-

Description	UNIT	QNTY	RATE	AMOUNT
<b>BILL NO. 3</b> <b>EARTHWORKS</b> <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C 2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  <b>SUPPLEMENTARY PREAMBLES</b>  Nature of material to be excavated  A geotechnical report has been carried out on site by the engineer and the report is available at the offices of the Engineers. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured  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  Excavation for working space in rock  Notwithstanding the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be  Filling  Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 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  Subterranean water  No information regarding subterranean water is available. The tenderer must acquaint himself of the presence and depth of subterranean water and allow therefore in his prices _____  NOTE: The following items shall be deemed to fall into Work Group No 104 for JBCC CPAP purposes _____  <b>EARTHWORKS</b>  <b>SITE CLEARANCE</b>  Clear site removing shrubs, debris, rubbish and all form of dirt  <b>EXCAVATION, FILLING, ETC</b>				
	m2	4716		R0,00

1	Under floors, steps, pavings, etc 50mm Thick coarse river sand filling supplied by the contractor	m3	21		R0,00
2	Under floors, paving Compaction of surfaces	m2	118		R0,00
3	Compaction of ground surface under surface beds etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density SOIL INSECTICIDE Soil insecticide in accordance with SANS 5859	m2	118		R0,00
4	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming (Certificate to be supplied before payment is made)	m2	4716		R0,00
	Carried to summary			R	-

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<p><b>BILL NO. 4</b></p> <p><b>CONCRETE, FORMWORK AND REINFORCEMENT</b></p> <p><b>PREAMBLES</b></p> <p>Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)</p> <p><b>TRADE NAMES</b></p> <p>Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"</p> <p><b>SUPPLEMENTARY PREAMBLES</b></p> <p>Type of cement</p> <p>All cement used in concrete work is to be OPC cement, no cement containing fly ash will be allowed</p> <p>Cost of tests</p> <p>The costs of making, storing and testing of concrete test cubes shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Representative/Agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Representative/Agent. (Test cubes are measured separately)</p> <p><b>Breeze concrete</b></p> <p>Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated</p> <p><b>Lightweight concrete</b></p> <p>Lightweight concrete shall have a density of 600kg/m<sup>3</sup> for the top 50mm and 400kg/m<sup>3</sup> for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm</p> <p><b>Formwork</b></p> <p>Descriptions of formwork 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</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p> <p>Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p> <p>Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described</p>				



	<p>Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p> <p>Smooth formwork</p> <p>All smooth formwork must be cleaned, all unevenness removed, properly prepared and then finished with a final coat of cementitious paint to give a smooth and even finish</p> <p>NOTE: The following items shall be deemed to fall into Work Group No 110 for JBCC CPAP purposes _____</p> <p>Specification of materials and methods to be used - General specification for building contracts standard conditions.(GP ASC Rev0)</p> <p><b>CONCRETE WORKS</b></p> <p><u>GENERAL ALLOWANCE FOR CONCRETE WORKS AROUND MANHOLES</u></p>				
1	Allow for concrete works around manholes	m3	6		-
	Carried to summary				-

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 5</b> <b>WATERPROOFING</b>  <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  NOTE: The following items shall be deemed to fall into Work Group No 120 for JBCC CPAP purposes _____  <b>DAMP-PROOFING OF CONCRETE ROOFING</b>  Fixing of double layer of derbigum or similar approved product waterproofing over lapping				
1	On roofing	m2	10		R0,00
	Two coats bitumoius aluminium painting to waterproofing				
2	On roofing	m2	58		R0,00
	Carried to summary				-

	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 6</b> <b>ROOF COVERINGS, ETC</b>  <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  <b>Guarantees</b>  The roof covering and cladding is to be carried out strictly in accordance with the manufacturer's instruction. On completion the roof covering and accessories are to be inspected by the Manufacturer who is to provide a 5 year guarantee against defective materials and faulty workmanship. The roof is to be guaranteed weather tight for a period of 12 month period, calculated from the handed over date of the completed project  NOTE: The following items shall be deemed to fall into Work Group No 124 for JBCC CPAP purposes _____  <b>PROFILED METAL SHEETING AND ACCESSORIES</b>  0,53mm thick 406mm cover three trapezoidal ribs at 203 mm centres profile zinc/aluminium alloy-coated steel with proprietary paint system to match existing. AZ150 spelter G550 roof sheeting (Heavy Industrial) with a Colorbond finish to one side and a standard backing coat, (Non standard colour to Architect's approval), fixed to timber intermediate purlins at 2500mm centres and eaves and ridge purlins at 2100mm centres using clips fixed with 10No.11 x 45mm long self drilling wafer head P0 screws, type 17 drill point fasteners, all in accordance with the manufacturer's specifications and installed by an approved contractor. A written and approved five year guarantee of water-tightness shall be issued after approval of roofs by manufacturer. Colours (Non standard) to Architect's approval.				
1	Roof sheeting with pitch not exceeding 25 degrees, fixed to steel purlins  0.80mm Galvanised sheet iron flashings and accessories	m2	272		R0,00
2	0.80mm thick Z275 spelter ISQ550 Galvanised steel, girth 550mm apex flash, fixed in accordance with manufacturers specifications.	m	754		R0,00
	Carried to summary				

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 7</b> <b>CARPENTRY AND JOINERY</b>  <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  <b>SUPPLEMENTARY PREAMBLES</b>  Descriptions  The term "planted on" shall mean the nailing of one timber member to another The term "screwed on" shall mean the countersunk screwing of one timber member to another  The term "screwed on and pelleted" shall mean the screwing of one timber member to another with the heads of screws sunk and pelleted The term "plugged" shall mean the countersunk screwing of a timber member to and including plastic plugs in brickwork or concrete  The term "plugged and pelleted" shall mean the screwing of a timber member to and including plastic plugs in brickwork or concrete with heads of screws sunk and pelleted Shelving, etc. described as screwed to steel must be fixed from underside and prices are to include for countersunk drilling through the steel for screw fixing Descriptions of floors, ceilings, joinery, etc shall be deemed to include for all square cutting Descriptions of items given in lineal metre shall be deemed to include for mitres, stopped ends, fitted intersections, etc Descriptions of rounded angles, rebates, grooves, chamfers, moulded edges, etc shall be deemed to include for angles, ends, etc  Timber  All softwood to be South African Pine _____  NOTE: The following items shall be deemed to fall into Work Group No 126 for JBCC CPAP purposes _____  <b>EAVES, VERGES, ETC</b>  Pressed fibre cement  1 15 x 225mm Fascia board bolted to timber or steel purlins (elsewhere) with corrosion proof gutter bolts at maximum 1000mm centres butt jointed with and including standard fascia jointing plates at all joints  <b>DOORS, ETC</b>  40mm Semi-solid core flush panel door with masonite finish both sides with hardwood concealed edge strip fitted with lock block to one edge  2 Single Door size 813 x 2032mm high  <b>COUNTERS, CUPBOARD AND WORK TOPS</b>				
		m	560		R0,00
		No	7		R0,00

NOTE: The following counters and cupboards have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, etc Tops have been measured separately unless otherwise described)

NOTE: All work tops shall be sealed against walls, around basins, sinks, etc with an approved type non-fungal sustaining clear silicone sealant

#### General carcass material specification

Unless otherwise specified, carcass construction of furniture components to be bison board V313 moisture resistant particle board in accordance with SANS EN 312:1997 or Supawood medium density fibreboard (MDF) SANS 540-1:1991, melamine surfaced to both faces bisonlam melamine faced board in accordance with SANS 1763:1998, finish in minimum 2mm thickness pvc edging

#### General door material specification

Unless otherwise specified door and drawer frontals to be form bisonbord V313 high moisture resistant particle board in accordance with SANS EN 312:1997 or Supawood medium density fibreboard (MDF) SANS 540-1:1991 surface in 0.8mm formica high pressure laminate (HPL) in accordance with SANS ISO 4586:1995 CL grade white liner to inner faces

#### General worktop material specification

Unless otherwise specified all worktops fitted to walls of fitted to cupboards and cabinets to be form bisonbord V313 high moisture resistant particle board in accordance with SANS EN 312-5:1997 moisture resistant particle board with profiled edges, Surface in formica high pressure laminate in accordance with SANS ISO 4586:1995 to upper faces and with formica high pressure laminate in accordance with SANS ISO 4586:1995 brown backer balancer to reversed faces. All worktops butting up against walls to be edged in formica high pressure laminate in accordance with SANS ISO 4586:1995 and exposed edges finished in minimum 3mm pvc edging to required widths. All worktops against tiles to receive coved tile trims (genesis flexi-bead pvc coat sfb 061/01) butting up against worktop and tile surfaces. Worktops fitted independently to walls generally fixed by means of mild steel wall cleats and support brackets with powder coated finished wall cleat and support brackets. Colour of worktops: PG Bison C-Choice range

#### General counter top material specification

Unless otherwise specified counter tops forming part of workstations and counters to be from Surinno solid surfacing material incorporating down stands profiled edges and up stands to design exhibiting seamless jointing. Apply onto supawood medium density fibre board in accordance with SANS 540-1:1991 support structures

#### General vanity top material specification

Unless otherwise specified vanity tops to be from Surinno solid surfacing material incorporate down stands profiled edges fitted up stands and cut-outs for moulded Surinno bowls and basins to design exhibiting seamless jointing. Apply onto supawood medium density fibreboard in accordance with SANS 540-1:1991 support structures. Vanity tops fitted independently to walls generally fixed by means of mild steel wall cleats and support brackets with powder coated finish. Support brackets to be fitted at centres not exceeding 500mm.

#### Wall cupboards - fixing to walls

Cupboard suspended from walls to be back mounted by means of cupboard suspension fittings fitted to cupboard side panels. Cupboards resting on floors to be screw and plugged, mounted to rear walls through cupboard top and bottom rear bearers fitted behind melamatched - 3mm Supawood colour matched to Melawood in-fill panels Colour of cupboards:PG Bison D-Design range

#### Skirting finishing to floors

Cupboards with skirting finished to front and side of components to be installed to prevent water sea page. Cupboard base structure front panel from bisonbord V 313 high moisture resistant particle board in accordance with SANS EN 312-5:1997 to be embedded in a bed of silicone solution. Mounting of 0.8mm thick Formica high pressure laminate in accordance with SANS ISO 4586:1995 horizontal general purpose standard skirt panel to be silicone fitted to base structure behind.

#### Product Standards

1: FORMICA HPL (High Pressure Laminate) in accordance with SANS ISO 4586:1995 2: FORMICA Solid Core HPL (High Pressure Laminate) in accordance with SANS ISO 4586:1995 3: FORMICA Solid Core HPL - Writing Surface (White Writing Surface and Green Chalkboard) in accordance with CKS 36:2004 and SANS ISO 4586:1995 4: DECCON CPL (Continuous Pressed Laminate) in accordance with SANS 1762:1998 5: MELAWOOD MFB (MELAMINE Faced Board) in accordance with SANS 1763:1998 6: BISONLAM MFB (MELAMINE Faced Board) in accordance with SANS 1763:1998 7: SUPALAM MFB (MELAMINE Faced Board) in accordance with SANS 1763:1998 8: BISONBORD Particleboard in accordance with SANS EN 312-3:1996 9: Bisonbord V 313 (High Moisture Resistant) Particleboard in accordance with SANS EN 312-5:1997 10: SUPAWOOD MDF (Medium Density Fibreboard) in accordance with SANS 540-1:1991 11: Door / drawer postformed 900 profile on two long edges and finished in a minimum 2mm thick PVC edging (colour as per Colour Schedule) on two short edges 12: FORMICA Life Seal worktop wit 32mm Bisonbord HMR substrate, 0.8mm FORMICA HPL - HG/P surface and 0.8mm FORMICA HPL - BK brown backer

#### Product Types

A - Horizontal General Purpose / Standard - HG/S B - Horizontal General Purpose / Postform - HG/P C - Vertical General Purpose / Standard - VG/S D - Vertical General Purpose / Postform - VG/P E - Cabinet Liner - CL F - Brown Backer - BK

#### Sample furniture

Architect may call upon sample furniture in order to evaluate quality and construction methods of joinery work.

#### Door hinges

To be boss type hinges for side panel mounting, including trim cups. Install minimum 2 hinges per leaf up to 1000mm high and maximum 600mm spacing for hinges on doors higher than 1000mm. Grass type: Twist Lock- Code 218835 - 4903/165 degrees Backing Plate- Code 310765 - 4,3 / 6,5 Cross Plate Euro Screws- Code 483545 - 6 x 13 - 1 pair

#### Drawer runners

To be full metal sided and rear - full retractable with 16mm Supalam melamine faced board in accordance with SANS 1763:1998 (colour:white) drawer bases Metalbox type Full extension (white) Reference Sides 500mm deep x 150mm high Reference Rear 150mm high 565.75.745

#### Sliding tray runners

To be full extension type, side mounted, soft roller Hafele type Length 350mm, extension length 375mm Reference: 420.76.362

Door locks (All doors and drawers to be lockable - keyed alike per room with Master key per Department)

To be from Cyberlock, short bolt travel left or right (Finish : Nickel Plates)  
SDT/GRASS REF: Rim Lock Nickle 22mm (Mastered) 7CL601-22-N  
MOUNTING SCREWS: 746190 - 6x19 screws

Pigeon hole door locks

Pigeon hole special locks to be suitable for use of padlocks. Hafele Type Level lock, zinc alloy, polished chrome, with left or right hand locking travel Reference A-right 235.61.200  
Reference B-Left 236.61.201

Drawer locks (Linked to Master Key System)

Drawers to be locked in series of four in height, with face fitting Cyberlock Central Locking system for recessing in the cabinet side panel SDT/GRASS REF: 700mm Central Locking System/Nickle (4 Drawer) 7CL603-700-N

Carcass Connectors

For factory machined ready to assemble purpose Blum Type Knock-down Reference 42/070

Shelf supports

For factory machined ready to assemble purposes Blum Type Nylon Housing Ref 40.4001, Nylon Cover Cap Ref 41.5400, Finishing Screw Ref 636.1050 , Nylon Bush Ref 41.1100

Cupboard door catches

Buchel Type Elbow catch (rooster) Reference B1566

Door stops

Hafele Type Press fit White Reference 356.20.725

Worktop connectors

Hafele Type Suitable for 32mm built-up Formica tops Minimum three per 45° full joints Reference 262.96.211 Used in conjunction with Lamello joint pieces

Broomstick holders

For four holders per broom cupboard Hafele Type Reference 520.10.009

Distribution Cupboards - Pressure Catches

Type Hafele - automatic spring catch to each door Reference 245.54.701

Cabinet suspension fittings

Hafele Type Reference Left-290.01.701 Reference Right-290.02.700 Suspension rail Reference 290.02.900

Handles (To all doors and drawers)

Hafele Type Reference 129.57.701 (Colour as per Colour Schedule)

Ventilation grilles (To all CPU cupboards - CupF026)

	Six ventilation grills - finish plastic, chrome plated. Hafele Type Reference 571.54.220				
	Wardrobe rail (full length of cupboard hang space)				
	Length x 25mm Nickel plated polished wardrobe rail. Hafele Type Reference 01.11.741 Two rail end support per rail Nickel plated. Hafele Type Reference 803.51.757				
	Colours for cupboards to be PG Bison C-Choice range and colours for worktops to be PG Bison D-Design range				
	<b>FLOOR CUPBOARD</b>				
	Purpose made				
3	450mm x 560mm x 880mm high floor cupboard, four pull-out drawers equal in height, comprising base structure from: Surface : Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with FORMICA HPL (High Pressure Laminate with Loglare finish) in accordance with SANS ISO 4586:1995 HG/S Horizontal General Purpose / Standard 0.8mm thick. Substrate: 16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard. Backer : Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with 0.8mm Formica HPL (High Pressure Laminate with Loglare finish) in accordance with SANS ISO 4586:1995 HG/S Horizontal General Purpose / Standard 0.8mm thick. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched WHITE rear in-fill panel, groove mounted to panels, 100mm high recessed skirting. Drawers from: Surface : 0.8mm Formica High Pressure Laminate (HPL) SANS 4586:1995 HG/P Horizontal General Purpose / Postformable grade Substrate : 16mm BISONBORD Particleboard SANS EN 312-3:1996 finish on outer face with Backer : 0.8mm Formica High Pressure Laminate (HPL) SANS 4586:1995 White cabinet liner to inside. Drawer edges finished all round in a minimum 3mm thick PVC edging, colour to Architect's approval.	No	9		R0,00
4	450mm x 560mm x 1200mm high floor cupboard comprising base structure, bottom base, sides, fixed upper shelf, top, rear and single hinged door. Construct completely from: Surface: 1.2mm Formica High Pressure Laminate (HPL with Loglare finish) SANS ISO 4586:1995 HG/S Horizontal General Purpose. Substrate: 16mm Bisonbord V313 (High Moisture Resistant) Particleboard in accordance with SANS EN 312-5:1997. Backer : 1.2mm Formica High Pressure Laminate (HPL with Loglare finish) SANS ISO 4586:1995 HG/S Horizontal General Purpose. All cupboard components edged in 3mm PVC edging all round, colour as per Architect. Fabrication cut outs, i.e. hinge pockets, etc. to receive a water repellent solution prior to mounting of components. Skirting 100mm to be finished in 0.8mm thick FORMICA HPL (High Pressure Laminate with Loglare finish) in accordance with SANS ISO 4586:1995 HG/S Horizontal General Purpose / Standard type. All exposed edges are to be properly sealed with a minimum of 2 coats of exterior grade Polyurethane varnish to prevent moisture ingress. Fix to wall. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour to Architect's approval.	No	8		R0,00
	<b>FLOOR CUPBOARD TOPS</b>				
	Formica Lifeseal worktop with 32mm bisonboard HMR substrate 0.8mm formica HPL - HG/P surface and 0.8mm formica HPL-BK brown backer worktops with 180 degree post-formed bull nose edges to long ends on either side. Colour to Architects approval.				
5	32mm Post-formed top 640mm wide	m	12		R0,00
	<b>SUNDRIES</b>				
	Mild steel brackets				



6	Support brackets 520mm long for tops weld to joints, pre-drilled and countersunk holed for wall and worktop fixings formed of 32 x 32 x 3.2mm thick mild steel square tube white power coated (See Drawing 045-S01-S04 attached to the back of these bills of quantities)	No	14		R0,00
	Carried to summary			R	-

	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 8</b>				
	<b>IRONMONGERY</b>				
	<b>PREAMBLES</b>				
	Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)				
	<b>TRADE NAMES</b>				
	Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"				
	NOTE: The following items shall be deemed to fall into Work Group No 132 for JBCC CPAP purposes _____				
	<b>IRONMONGERY TO DOORS</b>				
	<b>HINGES, BOLTS, ETC</b>				
	GEZE or similar approved				
1	100 x 75mm Stainless steel rising butt hinge	No	21		R0,00
2	150 x 20mm Satin chrome lever flush bolt 120/150, (Code: ESA15001) fixed to surface with matching screws.	No	23		R0,00
	<b>CATCHES, CABIN HOOKS, ETC</b>				
	GEZE or similar approved				
3	Stainless Steel adjustable roller latch 661/32 (Code: GE311071)	No	7		R0,00
	<b>LOCKS</b>				
	GEZE or similar approved				
4	76mm Profile cylinder sash lock as (Code: 325/51)	No	2		R0,00
5	76mm Profile cylinder deadlock as (Code: 342/51)	No	3		R0,00
6	WC indicator turn with mortice lock 195/01, (Code: ESE00202) fixed to surface with matching screws.	No	3		R0,00
7	IG950933108 Nickel plated double cylinder 43mm standard	No	2		R0,00
	<b>HANDLES</b>				
	GEZE or similar approved				
8	075/JD152 GEZE plate 150 x 300 x 1.6 stainless steel complete with JD213/152 BT pull handle	No	7		R0,00
	<b>PUSH PLATES AND KICKING PLATES</b>				
	GEZE or similar approved				
9	Stainless steel push plate (Code: 79/160), size 160 x 160 x 1.2mm with electrical outline engraving (code: EP15069E/E).	No	2		R0,00
10	Stainless steel push plate (Code: 79/160), size 160 x 160 x 1.2mm with fire hose reel outline engraving (code: EP15069E/FHR).	No	2		R0,00
11	Stainless steel push plate (Code: 79/300), size 300 x 160 x 1.6mm	No	7		R0,00

	DOOR CLOSERS				
	GEZE or similar approved				
12	Geze AZ1503SR TS1500G Door closer complete with standard guide rail silver	No	5		R0,00
13	Geze AZ2001SR TS2000VP DCL with parallel arm bracket SR	No	2		R0,00
	SUNDRIES				
	GEZE or similar approved				
14	Rubber floor mounted door stop fixed to surface with matching screws.	No	7		R0,00
	BATHROOM FITTINGS				
15	0,8mm Thick satin finished stainless steel paper towel dispenser, size 275 x 112 x 355mm high with a capacity of 500-800 towels, inspection windows on the side and standard key, plugged and screwed to the wall with stainless steel screws. (SAN006/006A)	No	3		R0,00
16	0,8mm Thick satin finished stainless steel waste bin, size 355 x 168 x 460mm high with capacity of 23 litres and cylinder lock and standard key, plugged and screwed to the wall with stainless steel screws. (SAN007)	No	3		R0,00
17	1.5mm thick Grade 304 18/10 satin finished stainless steel touch free soap dispenser, size 120 x 296 x 107mm deep. Installed strictly to manufacturers specifications (G4-Block Q)	No	4		R0,00
18	0,8mm Thick satin finished stainless steel double toilet roll holder with spindle system, size 144 x 138 x 301mm high for 2 rolls maximum 120mm diameter with cylinder lock with standard key, plugged and screwed to the wall with stainless steel screws. (SAN018/018A)	No	5		R0,00
19	800mm Long x 150mm projecting straight standard stainless steel disabled rail. Installed strictly to manufacturers specifications. (SAN019, SAN042/042A)	No	2		R0,00
20	300 x 300 x 300 x 80mm Projecting standard stainless steel dog leg side rail. Installed strictly to manufacturers specifications. (SAN021/021A/021B/021C, SAN023/023A)	No	2		R0,00
21	Standard 1,2mm stainless steel recessed type toilet roll holder, size 155mm diameter x 260mm deep, unit recessed into wall and bolted with 2No. M10 threaded bolts. Installed strictly to manufacturers specifications (G2- Block Q)	No	2		R0,00
	HOOKS				
22	Purpose made towel hook consisting of cranium or equal collapsible towel hooks allowing to hold clothing or towel but collapse under the weight of a body for an anti-suicide design, installed strictly according to manufacturer's specification. Recommended installation height to be at 1800mm above FFL.	No	5		R0,00
	SIGNAGE				
	Note: Chromadek-, ABS - and Photo luminescent insert needs to be secured with silicone in Vista frame to ensure safety of patients. Signs needs to be mounted with screws on wall				
22	Double sided illuminated Vista Pylon VL800x1800mm with Perspex and LED's (SIL-EX1)	No	4		R0,00
	FIRE SIGNAGE				
	All signs to be 190 x 190 photo - luminescent, with white back ground				
23	E1/E2 Double sided	No	4		R0,00
	Carried to summary			R	-

	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 9</b>				
	<b>STRUCTURAL STEELWORK</b>				
	<b>PREAMBLES</b>				
	Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)				
	<b>TRADE NAMES</b>				
	Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"				
	<b>SUPPLEMENTARY PREAMBLES</b>				
	Descriptions Descriptions of bolts shall be deemed to include nuts and washers Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete				
	NOTE: The following items shall be deemed to fall into Work Group No 134 for JBCC CPAP purposes _____				
	<b>WORKSHOP DRAWINGS</b>				
1	Preparation of all workshop drawings for approval by Principal Agent before manufacturing	Item	1,00		R0,00
	<b>STEEL TRUSSES</b>				
	Welded columns and beams in single lengths with flat section base, top, bearer and connection plates bolted to concrete or brickwork				
2	Tubular sections, flat sections, etc. in tie beams, rafters, struts, bracing, etc. of roof trusses	t	-		R0,00
3	Angle sections, flat sections, etc. in tie beams, rafters, struts, bracing, etc. of roof trusses	t	-		R0,00
4	Angle sections, flat sections, etc. in brackets, base plates, connector plates, etc.	t	-		R0,00
	<b>PURLINS, BRACING, ETC</b>				
	Purlins, bracing, etc. welded to steel				
5	Cold formed lipped channel in purlins, etc.	t	0,20		R0,00
6	Tubular sections, flat sections, etc. in tie beams, rafters, struts, bracing, etc. of roof trusses	t	0,10		R0,00
	Angle sections, flat sections, etc. in brackets, base plates, connector plates, etc.	t	0,10		R0,00
	<b>Chemical bolts</b>				
7	M16 Chemical anchor bolts	No	22,00		R0,00
	<b>STEEL FENCING SUPPORT</b>				
	Welded angles in single lengths with flat section base, top, bearer and connection plates bolted to concrete or brickwork or steel roof structure				

8	Angle sections, flat sections, etc. in tie beams, rafters, struts, bracing, etc.	t	-		R0,00
9	Angle sections, flat sections, etc. in brackets, base plates, connector plates, etc.	t	-		R0,00
	<b>GUTTERS</b>				
	<b>Welded steel</b>				
10	2,5 mm Thick welded steel rainwater gutter 900mm girth, welded to form slope at bottom, four times bent and fixed to purlins, including painting inside with epoxy tar, welding complete.	m	214,00		R0,00
11	Extra over for 100 x100mm box gutter	No	30,00		R0,00
12	Extra over for stop end	No	4,00		R0,00
13	Extra for 100 x 75mm outlet	No	2,00		R0,00
	<u>Precast concrete channels</u>				
14	1000 x 50mm Channels with 300 x 50mm deep segmental channels	m	4,00		R0,00
	Carried to summary				-

	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 10</b> <b>METALWORK</b> <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  <b>DETAIL DESCRIPTION AND SPECIFICATION</b>  Annotations at end of description i.e. (D01) refer to the Architect's specification attached to the back of these bills of quantities. Tenderers are advised to study the Architect's specification for the full intent and meaning of the relevant item  <b>SUPPLEMENTARY PREAMBLES</b>  <b>Descriptions</b>  Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described _____  <b>NOTE:</b> The following items shall be deemed to fall into Work Group No 136 for JBCC CPAP purposes _____  Specification of materials and methods to be used - General specification for building contracts standard conditions.(GP ASC Rev0)  <b>WELDED SCREENS, GATES, BURGLAR BARS ETC</b>  <b>TOWER REHABILITATION</b>				
1	Allow for all works to rehabilitate the tower structure and watch  <b>CATCH CAGES</b>	item	1		R0,00
2	Allow for catch cages to trap litre in drainage  <b>PRESSED STEEL GALVANIZED DOOR FRAMES</b>  1.6mm Standard Pressed Mild Steel rebate frames suitable for half brick walls and fitted with three hinges per door leaf	item	1		R0,00
3	Frame for door 813 x 2032mm high	No	7		R0,00
	Carried to summary				-

	Description	UNIT	QNTY	RATE	AMOUNT
	<p><b>BILL NO. 11</b>  <b>PLUMBING AND DRAINAGE</b>  <b>PREAMBLES</b></p> <p>Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)</p> <p><b>TRADE NAMES</b></p> <p>Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"</p> <p><b>SUPPLEMENTARY PREAMBLES</b></p> <p>Concrete pipes</p> <p>Pipes shall be jointed with interlocking joints</p> <p>UPVC pipes and fittings</p> <p>Soil, waste and vent pipes and fittings shall be tempered, chemical resistant pipes with butt welded joints</p> <p>UPVC pressure pipes and fittings</p> <p>Pipes for water and fire supply shall be High Impact uPVC of the Class stated</p> <p>Pipes shall have cast iron clamped joints. Fittings shall be galvanised mild steel with clamped joints</p> <p>Copper pipes</p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers, Capillary solder fittings shall comply with ISO 2016.</p> <p>Fixing of pipes</p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level</p> <p>Lead pipes and fittings</p> <p>All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel</p> <p>Reducing fittings</p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p> <p>Wire gratings</p> <p>Descriptions of gutter outlets, etc shall be deemed to include wire balloon gratings</p>				

#### Exposed concrete surfaces

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster

#### Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling

Soft rock and "Hard rock" shall be as defined in "Earthworks"

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions and the Engineer's drawings.

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L: Medium-pressure pipelines SABS 1200LD: Sewers, SABS1200LE: Stormwater drainage. Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB :Earthworks (Pipe trenches)  
Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding(Pipes)

#### Flush pans

Flush pans shall have straight or side outlets and "P" or "S" traps as necessary

Stainless steel basins, sinks, wash troughs, urinals, etc

Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable

#### Waste unions

Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings

#### Steel sectional water tanks

Tanks shall comply with SABS CKS 114

#### Petrolatum anti-corrosion tape

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc

Prices for wrapping of pipes shall include for all work as described to couplings in the length

#### Paper lagging

Prices for piping must include for all piping not exceeding 30mm to be wrapped with two layers of stout brown paper and tied with wire prior to building in

NOTE: IT IS A STRICT CONDITION OF THIS PLUMBING CONTRACT THAT THE CONTRACTOR SHOULD CONDUCT QUALITY CONTROL TESTS AND INSPECTIONS ON AN ONGOING BASIS



NOTE: The following items shall be deemed to fall into Work Group No 148 for JBCC CPAP purposes \_\_\_\_\_

#### SANITARY FITTINGS

NOTE: All sanitary fittings shall be sealed next to walls, fitting sides and shelves with an approved type non-fungal sustaining white silicon

Approved

#### SANITARY FITTINGS

Supply and fix the following items of sanitaryware:

All rails, brackets etc. where not bolted are to be fixed with long heavy gauge brass screws into approved expanding plugs. Including all types of bends, junctions, rodding eye, pan connectors, vent valves, flexi pipes, flanges, traps, gulleys, valves and stopcocks.

Stainless steel:

1	Basin for Prime Cost amount of R400	No	14	-
2	WC for Prime Cost amount of R1500	No	5	-

#### WASTE UNIONS ETC.

3	Basin chromium plated click waste union and anti-theft plug	No	14	-
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#### TRAPS ETC

4	Chromium plated bottle trap	No	14	-
5	"P" or "S" trap for sink	No	19	-
6	"RO280VNW100 SQ" or similar approved stainless steel full flow floor drain	No	3	-
7	Gulley complete concrete shoe and trap	No	4	-

#### TAPS, VALVES, ETC

8	Angle valve for Prime Cost Amount of R140	No	12	-
9	Stopcock for Prime Cost Amount of R30	No	12	-
10	Basin tap Prime Cost amount of R600	No	14	-
11	Washbay tap Prime Cost amount R400	No	2	-

#### SANITARY PLUMBING

uPVC soil and vent pipes including all fittings

12	50mm Pipes	m	55	-
13	50mm Pipes chased into brickwork	m	12	-
14	50mm Pipes laid in ground in and including excavation not exceeding 1m deep	m	38	-

uPVC Fittings

15	50mm Bend	No	21	-
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16	50mm Access bend	No	8		-
17	50mm Junction	No	6		-
18	110mm-50mm Reducing Junction 45 deg	No	5		-
<b>WATER SUPPLIES</b>					
<u>Class 12 uPVC pressure pipes with solvent welded joints including all fittings</u>					
19	110mm Pipes laid in and including excavation not exceeding 1m deep	m	17		-
20	160mm Pipes laid in and including excavation exceeding 1m not exceeding 2m deep	m	32		-
<u>Extra over uPVC pressure pipes for fittings with solvent welded joints</u>					
21	110mm Fitting	No	5		-
22	160mm Fitting	No	3		-
<u>Class 16 HDPE pipes to SABS ISO 4427 including all fittings</u>					
23	25mm Pipes laid in and including excavation not exceeding 1m deep	m	22		-
24	50mm Pipes laid in and including excavation not exceeding 1m deep	m	14		-
<u>Extra over HDPE pipes for the following compression fittings:</u>					
25	25mm Fitting	No	15		-
26	50mm Fitting	No	11		-
<u>HDPE pipes with capillary couplings</u>					
27	15mm Pipes	m	23		-
28	22mm Pipes	m	31		-
29	15mm Pipe in and including chase in brickwork	m	52		-
30	22mm Pipe in and including chase in brickwork	m	65		-
<u>Extra over HDPE pipes for capillary fittings</u>					
31	15mm Fittings	No	14		-
32	22mm Fittings	No	17		-
33	1500mm x 1000mm Precast concrete manhole cover and frame	No	4		-
34	Lifting-key for manhole cover (handed to employer)	No	8		-
35	Precast concrete kern inlet	m	2		-
36	Fire hose reel including cabinet	no	10		-
37	Fire hydrant	no	2		-
Carried to summary					-

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 12</b> <b>GLAZING</b> <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (Item 7)  <b>TRADE NAMES</b>  No reference to trade names shall be made in these Bills of Quantities. Any reference to trade names in the Architect's specification or drawings shall deem to mean "or similar and approved"  NOTE: The following items shall be deemed to fall into Work Group No 150 for JBCC CPAP purposes _____  <b>GLAZING TO WINDOWS</b>  <u>Glazing to windows and etc.</u>				
1	Obscure glass to aluminium frames including all sealants to manufactures specifications	m2	5		-
2	Clear glass to aluminium frames including all sealants to manufactures specifications	m2	6		-
	Carried to summary				-

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 13</b> <b>EXTERNAL WORKS</b> <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  NOTE: The following items shall be deemed to fall into Work Group No 104 for JBCC CPAP purposes <b>PREAMBLES</b>  Preambles for Trades as defined in Pricing Instructions (C2.1 Item 7)  <b>TRADE NAMES</b>  Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"  NOTE: The following items shall be deemed to fall into Work Group No 104 for JBCC CPAP purposes  <b>FENCING</b>  <u>PRECAST PALISADE FENCING</u>  1     2400mm High precast concrete palisade fencing complete and including precast vertical support posts at 1500mm centres fixed into excavated holes into mass concrete. Top and bottom horizontal support precast rails supporting the vertical posts   <u>GATES ETC</u>  2     1800mm High x 8000mm wide made of composite wood double gates made of two leafs and including all supporting and fixers  3     900mm High x 1200mm wide made of composite wood pedestrian gates made of single leaf and including all supporting and fixers				
	Carried to summary				-

Item no.	Description	UNIT	QNTY	RATE	AMOUNT
	<b>BILL NO. 14</b> <b>PROVISIONAL SUMS</b> <b>SELECTED SUB CONTRACTS</b>  <p>The following provisional sums cover the complete supply and installation of material and equipment by firms of specialists to be selected sub-contractors. Provisional sums are nett and do not include for builders discount</p> <p>The Contractor may allow under the "profit" item for any profit he considers necessary. If the Contractor allows an amount for profit, this amount will be adjusted in direct proportion to the final value of the specialist work</p> <p>The Contractor shall not be entitled to any loss in profit should any provisional sum or part thereof, irrespective of the amount be omitted</p> <p>Attendance on Selected Sub-contractors</p> <p>Each provisional sum in this bill is followed by an item under which the Contractor may allow for attendance on the specific Sub- contractor</p> <p>The amounts of the items for "Attendance" are to allow for giving every facility to attending upon and making good in all trades after the Specialists have completed their work, for providing the use of all water, electricity, storage space for materials, etc. the use of general amenities, i.e. latrines, etc., for the specialists and their workmen. For maintaining conduits, sleeve pipes, etc. in position during the building operations and providing the use of all ordinary scaffolding and plant. The Contractor is to leave erected scaffolding in position for the period required for work by the selected sub-contractors under this contract</p> <p><u>COMMUNITY LIAISON OFFICER</u></p> <p>1 Allow for Community Liaison Officer for an amount of Forty Eight Thousand Rand Only (R48 000.00)</p> <p>2 Allow for profit if required</p> <p>3 Allow for attendance</p> <p><u>COMMUNITY PARTICIPATION SPECIALIST</u></p> <p>4 Allow for Community Participation Specialist for an amount of Thirty Thousand Rand Only (R30 000.00)</p> <p>5 Allow for profit if required</p> <p>6 Allow for attendance</p> <p><u>ROOF STRUCTURE ON TOP OF REFUSE YARD</u></p> <p>7 Allow for Roof Covering on top of Refuse Yard for an amount of Hundred Thousand Rand Only (R100 000.00)</p> <p>8 Allow for profit if required</p> <p>9 Allow for attendance</p> <p><u>ELECTRICAL WORKS</u></p> <p>10 Allow for Electrical Works for an amount of Six Hundred Fifty Five Thousand Rand Only (R655 000.00)</p> <p>11 Allow for profit if required</p> <p>12 Allow for attendance</p> <p><u>AIR CONDITIONERS</u></p>				
		item	1		-
		Item	1		R0,00
		Item	1		R0,00
		item	1		-
		Item	1		R0,00
		Item	1		R0,00
		item	1		-
		Item	1		R0,00
		Item	1		R0,00
		item	1		-
		Item	1		R0,00
		Item	1		R0,00
		item	1		-
		Item	1		R0,00
		Item	1		R0,00

13	Allow for Mechanical Works for an amount of One Hundred Thousand Rand Only (R100 000.00)	item	1		-
14	Allow for profit if required	Item	1		R0,00
15	Allow for attendance	Item	1		R0,00
	<u>CCTV</u>				
16	Allow for Mechanical Works for an amount of Four Hundred and Thirty Thousand Rand Only (R430 000.00)	item	1		-
17	Allow for profit if required	Item	1		R0,00
18	Allow for attendance	Item	1		R0,00
	<u>ICT</u>				
19	Allow for ICT for an amount of One Hundred Thousand Rand Only (R100 000.00)	item	1		-
20	Allow for profit if required	Item	1		R0,00
21	Allow for attendance	Item	1		R0,00
	Carried to summary				-

Item no.	Description	AMOUNT
	<b>SUMMARY OF WORKS</b>	
1	Preliminaries and Generals	-
2	Alterations	-
3	Earthworks	-
4	Concrete, Formworks and Reinforcement	-
5	Waterproofing	-
6	Roof Covering	-
7	Carpentry & Joinery	-
8	Ironmongery	-
9	Structural Steel	-
10	Metalwork	-
11	Plumbing & Drainage	-
12	Glazing	-
13	External Works	-
14	Provisional Sums	-
	<b>Costed Summary (Excluding VAT)</b>	-

	<b><u>SUMMARY OF WORKS</u></b>	
	<b>Preliminaries and Generals</b>	-
	<b>Building Works</b>	-
	<b>Provisional Sums</b>	-
	<b>Subtotal</b>	-
	<b>Add: 10% Contingency</b>	-
	<b>Subtotal</b>	-
	<b>Add 15% VAT</b>	-
	<b>TOTAL INCLUDING VAT</b>	-