



Item No

SECTION NO 1

BILL NO. 1

PRELIMINARIES AND GENERAL

MEANING OF TERMS "TENDER / TENDERER"

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

PRELIMINARIES

The JBCC Preliminaries, May 2018 edition for use with the JBCC Principal Building Agreement Edition 6.2 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable"

PRICING OF PRELIMINARIES

Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item

Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

DEFINITIONS AND INTERPRETATION

A1.0 DEFINITIONS AND INTERPRETATION

Clause 1.0

Clause 1.1 Definition of "Commencement Date" is added:

"COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect

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R	Clause 1.1 Definition of "Construction Guarantee" is amended by replacing it with the following: "CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following: "CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion Clause 1.1 Definition of "Corrupt Practice" is added: "CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution Clause 1.1 Definition of "Fraudulent Practice" is added: "FRAUDULENT PRACTICE" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition Clause 1.1 Definition of "Interest" is amended by replacing it with the following: "INTEREST" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999) Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following: "PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule Clause 1.1 Definition of "Security" is amended by replacing it with the following: "SECURITY" means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss Carried to Collection
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No clause	Fixed: _____ Value related: _____ Time related: _____	Item
2	A2.0 LAW, REGULATIONS AND NOTICES	
Clause 2.0	Note: A separate clause has been included in Section C : Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification	Item
3	A3.0 OFFER AND ACCEPTANCE	
Clause 3.0	Fixed: _____ Value related: _____ Time related: _____	Item
4	A4.0 CESSION AND ASSIGNMENT	
Clause 4.0	Fixed: _____ Value related: _____ Time related: _____	Item
5	A5.0 DOCUMENTS	
Clause 5.0	Clause 5.7 is amended by the addition of the following:	
The contractor shall supply and keep a copy of the JBBC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times		Item
Fixed: _____ Value related: _____ Time related: _____		
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10.11 Damage to the Works

- (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
- (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 materials paid for by the **employer** that is the result of the excepted risks as set out in 10.12
- (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 27.0 hereof

10.12 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 whatsoever 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**

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(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**

10.13 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:

10.13.1 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 **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

10.13.2 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

R	11 A11.0 SECURITIES Fixed: _____ Value related: _____ Time related: _____ ir divisible whole contractor and for this purpose all these contracts shall be considered one contract presently or hereafter existing between the employer and the the same from any amounts still due under this contract or under any other Such losses or damages may be recovered from the contractor or by deducting contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. damages of whatever nature suffered or incurred consequent upon the 10.13.4 The employer shall be entitled to recover any and all losses and/or 10.13.3 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 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 10.13.3 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 10.13.4 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 ir divisible whole Fixed: _____ Value related: _____ Time related: _____ A11.0 SECURITIES Clause 11.0 Clauses 11.1 - 11.10 are amended by replacing them with the following: 11.1 In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) 11.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms 11.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 27.0 provided that the employer complies with the provisions of 27.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor Carried to Collection
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11.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 11.3, 11.4, 11.5, 14.6, or 11.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 11.7 shall be deemed to have been selected

11.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:

11.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date

11.3.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor

11.3.3 Within twenty-one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor

11.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor

11.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor

11.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party

11.4 Where security as a variable construction guarantee of ten per cent (10%) of the contract sum (excluding VAT) has been selected:

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R	11.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date Clause 11.4.1 is deemed to be amended by the addition of the following sentence; No interest will be paid on such amounts withheld 11.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender 11.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring 11.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee 11.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: 11.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT) 11.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion 11.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring 11.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of clause 25. 11.5.5 Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both 11.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:
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Item R	11.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date 11.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor 11.6.3 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 25 11.6.4 Where the employer has a right of recovery against the contractor in terms of 27.0, the employer may issue a written notice in terms of 27.4 or may recover from the payment reduction or may do both 11.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: 11.7.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of clause 25 11.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 27.0 provided that the employer complies with the provisions of 27.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor 11.8 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement 11.9 Should the contractor fail to furnish the security in terms of 11.2, the employer, in his sole discretion and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 11.7 shall be applicable Fixed: _____ Value related: _____ Time related: _____ EXECUTION A12.0 OBLIGATIONS OF THE PARTIES Clause 12.0 Clause 12.1.1 is amended by replacing it with: No clause 12 Bill No. 1 PRELIMINARIES AND GENERAL
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R	Carried to Collection	
	Item	Fixed: _____ Value related: _____ Time related: _____
		Clause 16.0
	Item	A16.0 DIRECT CONTRACTORS
		Fixed: _____ Value related: _____ Time related: _____
		The Contractor and principal agent shall appoint a selected subcontractor in accordance with the CIDB practice #7
		Clause 15.1.2 to 15.5 and 15.2 to 15.5 is amended by replacing it with:
		Clause 15.0
	Item	A15.0 SELECTED SUBCONTRACTORS
		Fixed: _____ Value related: _____ Time related: _____
		Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums
		No clause
		Clause 14.1.5 is amended by replacing it with the following:
		Clause 14.0
	Item	A14.0 NOMINATED SUBCONTRACTORS
		Fixed: _____ Value related: _____ Time related: _____
		Clause 13.0
	Item	A13.0 SETTING OUT OF THE WORKS
		Fixed: _____ Value related: _____ Time related: _____
		Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 12.2.4
		Clause 12.2.7 is amended by replacing it with the following clause:
		(10) calendar days of commencement date
		12.2.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one
		Clause 12.2.4 is amended by the addition of the following clause:

17	A17.0 CONTRACT INSTRUCTIONS	Fixed: _____ Value related: _____ Time related: _____	Item	
		Clause 17.0		
18	A18.0 INTERIM COMPLETION	Fixed: _____ Value related: _____ Time related: _____	Item	
		Clause 18.0		
19	A19.0 PRACTICAL COMPLETION	Fixed: _____ Value related: _____ Time related: _____	Item	
		Clause 19.0		
20	A20.0 COMPLETION IN SECTIONS	Fixed: _____ Value related: _____ Time related: _____	Item	
		Clause 20.0		
21	A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION	Fixed: _____ Value related: _____ Time related: _____	Item	
		Clause 21.0		
		Add the following to the end of sub-clause 21.1.2: "All civil, electrical, electronic, HVAC, fire detection, gas suppression and other specialist installations are subject to a three hundred and sixty five (365) calendar days defects liability and maintenance period. The contractor shall attend to defects during the works completion and defects liability periods on a progressive basis, to the satisfaction of the principal agent and will not be permitted to wait until the end of the defects liability period or until the amount of defects accumulate in order to attend to a comprehensive list of defects."		
		Fixed: _____ Value related: _____ Time related: _____	Item	
		Carried to Collection	R	

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TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
WATERVAL BOVEN CAMPUS

PAYMENT

A25.0 PAYMENT

25

Clause 25.0

Notwithstanding this or any other clause, materials and goods stored off site shall not be included in the amount authorized for payment.

The first sentence of sub-clause 25.10 is deemed to be deleted and replaced with the following:

The employer shall pay the contractor the amount certified within thirty (30) calendar days of the date.

Fixed: _____ Value related: _____ Time related: _____

A26.0 ADJUSTMENT TO THE CONTRACT VALUE

26

Clause 26.0

Adjustment to the contract value (Clause 26.0)
Where prices are submitted by the contractor or nominated/selected subcontractors during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final certificate, it will be in writing.

Fixed: _____ Value related: _____ Time related: _____

Item

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A27.0 RECOVERY OF EXPENSE AND LOSS

Clause 27.0

Clause 27.2 is amended by adding the following sub-clauses:

27.2.11 The contractor's failure or neglect to commence with the works on the dates prescribed in the contract.

27.2.12 The contractor's failure or neglect to proceed with the works in terms of the contract.

27.2.13 The contractor's failure or neglect for any reason to complete the works in accordance with the contract.

27.2.14 The contractor's refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract.

27.2.15 The contractor's estate being sequestered or surrendered in terms of the Insolvency laws in force within the Republic of South Africa."

Fixed: _____ Value related: _____ Time related: _____

SUSPENSION AND TERMINATION

A28.0 SUSPENSION BY BY CONTRACTOR

Clause 28.0

Fixed: _____ Value related: _____ Time related: _____

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Item

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A29.0 TERMINATION

Clause 29.0

Add the following sub-clauses 29.1.4 to 29.1.6 under 29.1 to read as follows:

29.1.4 The contractor's refusal or neglect to comply strictly with any of the conditions of contract.

29.1.5 The contractor's estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force with the Republic of South Africa.

29.1.6 The contractor, in the judgment of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

Replace clause 29.3 with the following:

he employer may give notice of cancellation should the contractor remain in default for ten (10) working days after the date of issue of such a notice of default

Clause 29.25.4

Replace "Sixty (60)" with "one hundred and twenty (120)".

Add the following sub-clauses 29.29 under 29 to read as follows:

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.

Fixed: _____

Value related: _____

Time related: _____

DISPUTE RESOLUTION

A30.0 DISPUTE RESOLUTION

Clause 30.0

Fixed: _____

Value related: _____

Time related: _____

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SECTION B: JBCC PRELIMINARIES

B1.0 DEFINITIONS AND INTERPRETATION

B1.1 Definitions and interpretation

See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section

Fixed: _____ Value related: _____ Time related: _____

Item

B2.0 DOCUMENTS

B2.1 Checking of documents

Fixed: _____ Value related: _____ Time related: _____

Item

B2.2 Provisional bills of quantities

Fixed: _____ Value related: _____ Time related: _____

Item

B2.3 Availability of construction documentation

Fixed: _____ Value related: _____ Time related: _____

Item

B2.4 Interests of agents

Fixed: _____ Value related: _____ Time related: _____

Item

B2.5 Priced documents

Fixed: _____ Value related: _____ Time related: _____

Item

B2.6 Tender submission

Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance"

B3.0 THE SITE

B3.1 Defined works area

Fixed: _____ Value related: _____ Time related: _____

Item

B3.2 Geotechnical investigation

Fixed: _____ Value related: _____ Time related: _____

Item

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40	B3.3	Inspection of the site	Fixed: _____ Value related: _____ Time related: _____	Item	
41	B3.4	Existing premises occupied	Fixed: _____ Value related: _____ Time related: _____	Item	
42	B3.5	Previous work - dimensional accuracy	Fixed: _____ Value related: _____ Time related: _____	Item	
43	B3.6	Previous work - defects	Fixed: _____ Value related: _____ Time related: _____	Item	
44	B3.7	Services - known	Fixed: _____ Value related: _____ Time related: _____	Item	
45	B3.8	Services - unknown	Fixed: _____ Value related: _____ Time related: _____	Item	
46	B3.9	Protection of trees	Fixed: _____ Value related: _____ Time related: _____	Item	
47	B3.10	Articles of value	Fixed: _____ Value related: _____ Time related: _____	Item	
48	B3.11	Inspection of adjoining properties	Fixed: _____ Value related: _____ Time related: _____	Item	
B4.0 MANAGEMENT OF CONTRACT					
49	B4.1	Management of the works	Fixed: _____ Value related: _____ Time related: _____	Item	
50	B4.2	Programme for the works	Fixed: _____ Value related: _____ Time related: _____	Item	
51	B4.3	Progress meetings	Fixed: _____ Value related: _____ Time related: _____	Item	
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52	B4.4	Technical meetings	Fixed: _____	Value related: _____	Time related: _____
53	B4.5	Labour and plant records	Fixed: _____	Value related: _____	Time related: _____
B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS					
54	B5.1	Samples of materials	Fixed: _____	Value related: _____	Time related: _____
55	B5.2	Workmanship samples	Fixed: _____	Value related: _____	Time related: _____
56	B5.3	Shop drawings	Fixed: _____	Value related: _____	Time related: _____
57	B5.4	Compliance with manufacturers' instructions	Fixed: _____	Value related: _____	Time related: _____
B6.0 TEMPORARY WORKS AND PLANT					
58	B6.1	Deposits and fees	Fixed: _____	Value related: _____	Time related: _____
59	B6.2	Enclosure of the works	Fixed: _____	Value related: _____	Time related: _____
60	B6.3	Advertising	Fixed: _____	Value related: _____	Time related: _____
61	B6.4	Plant, equipment, sheds and offices	Fixed: _____	Value related: _____	Time related: _____
62	B6.5	Main notice board	Fixed: _____	Value related: _____	Time related: _____
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B6.6 Subcontractors' notice board

B7.0 TEMPORARY SERVICES

B7.1 Location

Fixed: _____ Value related: _____ Time related: _____

B7.2 Water

Fixed: _____ Value related: _____ Time related: _____

B7.3 Electricity

Fixed: _____ Value related: _____ Time related: _____

B7.4 Telecommunication facilities

Fixed: _____ Value related: _____ Time related: _____

B7.5 Ablution facilities

Fixed: _____ Value related: _____ Time related: _____

B8.0 PRIME COST AMOUNTS

B8.1 Responsibility for prime cost amounts

Fixed: _____ Value related: _____ Time related: _____

B9.0 ATTENDANCE ON N/S SUBCONTRACTORS

B9.1 General attendance

Fixed: _____ Value related: _____ Time related: _____

B9.2 Special attendance

Fixed: _____ Value related: _____ Time related: _____

B9.3 Commissioning - fuel, water and electricity

Fixed: _____ Value related: _____ Time related: _____

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B10.0 FINANCIAL ASPECTS				
73	B10.1	Statutory taxes, duties and levies	Fixed: _____ Value related: _____ Time related: _____	Item
74	B10.2	Payment for preliminaries	Fixed: _____ Value related: _____ Time related: _____	Item
75	B10.3	Adjustment of preliminaries	Fixed: _____ Value related: _____ Time related: _____	Item
		Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "when submitting his priced bills of quantities / lump sum document"		
76	B10.4	Payment certificate cash flow	Fixed: _____ Value related: _____ Time related: _____	Item
	B11.0 GENERAL			
77	B11.1	Protection of the works	Fixed: _____ Value related: _____ Time related: _____	Item
78	B11.2	Protection / isolation of existing / sectionally occupied works	Fixed: _____ Value related: _____ Time related: _____	Item
79	B11.3	Security of the works	Fixed: _____ Value related: _____ Time related: _____	Item
80	B11.4	Notice before covering work	Fixed: _____ Value related: _____ Time related: _____	Item
81	B11.5	Disturbance	Fixed: _____ Value related: _____ Time related: _____	Item
82	B11.6	Environmental disturbance	Fixed: _____ Value related: _____ Time related: _____	Item
		Carried to Collection		R

83	B11.7 Works cleaning and clearing	Fixed: _____ Value related: _____ Time related: _____	Item
84	B11.8 Vermin	Fixed: _____ Value related: _____ Time related: _____	Item
85	B11.9 Overhand work	Fixed: _____ Value related: _____ Time related: _____	Item
86	B11.10 Instruction manuals and guarantees	Fixed: _____ Value related: _____ Time related: _____	Item
87	B11.11 As built information	Fixed: _____ Value related: _____ Time related: _____	Item
88	B11.12 Tenant installations	Fixed: _____ Value related: _____ Time related: _____	Item
89	B12.0 SCHEDULE OF VARIABLES	Fixed: _____ Value related: _____ Time related: _____	Item
	B12.1 Schedule of variables	Fixed: _____ Value related: _____ Time related: _____	Item
12.1 PRE-TENDER INFORMATION 12.1.1 Provisional bills of quantities [2.2] The quantities are provisional YES/NO Key cross reference clauses are italicised in [] brackets 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. 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			
12.1 PRE-TENDER INFORMATION 12.1.1 Provisional bills of quantities [2.2] The quantities are provisional YES/NO			
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12.1.2 Availability of construction documentation
[2.3] Construction documentation is complete
YES/NO

12.1.3 Interests of agents
[2.4] Details:

12.1.4 Defined works area
[3.1] Details:

12.1.5 Geotechnical investigation
[3.2] Details:

12.1.6 Existing premises occupied
[3.4] Specific requirements:

12.1.7 Previous work - dimensional accuracy
[3.5] Details:

12.1.8 Previous work - defects
[3.6] Details:

12.1.9 Services - known
[3.7] Details:

12.1.10 Protection of trees
[3.9] Specific requirements:

12.1.11 Inspection of adjoining properties
[3.11] Specific requirements:

12.1.12 Enclosure of the works
[6.2] Specific requirements:

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		12.1.13 Offices [6.4.3] Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times 12.1.14 Main notice board [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 as per Drawing, 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. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering 12.1.15 Subcontractors' notice board [6.6] A notice board is required YES/NO Specific requirements: 12.1.16 Water [7.2] Option A (by contractor) YES/NO Option B (by employer - free of charge) YES/NO Option C (by employer - metered) YES/NO 12.1.17 Electricity [7.3] Option A (by contractor) YES/NO Option B (by employer - free of charge) YES/NO Option C (by employer - metered) YES/NO Carried to Collection
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12.1.18 Telecommunications	[7.4] Telephone	YES/NO
	Facsimile	YES/NO
	E-mail	YES/NO
12.1.19 Ablution facilities	[7.5] Option A (by contractor)	YES/NO
	Option B (by employer)	YES/NO
12.1.20 Protection of existing/sectionally occupied works	[11.2] Protection is required	YES/NO
12.1.21 Special attendance	[9.2] Subcontractor (1) details:	
	Subcontractor (2) details:	
	Subcontractor (3) details:	
	Subcontractor (4) details:	
12.1.22 Protection of the works	[11.1] Specific requirements:	
12.1.23 Disturbance	[11.5] Specific requirements:	
	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	
12.1.24 Environmental disturbance	[11.6] Specific requirements:	
12.2 POST-TENDER INFORMATION		
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12.2.1 *Payment of preliminaries*
[10.2] Option A (prorated)
YES/NO

Option B (calculated)
YES/NO

12.2.2 *Adjustment of preliminaries*
[10.3] Option A (three categories)
YES/NO

Option B (detailed breakdown)
YES/NO

12.2.3 *Additional agreed preliminaries items*
Details:

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SECTION C: SPECIFIC PRELIMINARIES

Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item

C1.0 CONTRACT DRAWINGS

* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a bills of quantities or lump sum document

* The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed

* A full set of drawings is issued with the tender documents indicating the full scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed

Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent

C2.0 GENERAL PREAMBLES

Fixed: _____ Value related: _____ Time related: _____

The document "Specification of Materials and Methods to be used (PW371)" is obtainable on the Department's website (<http://www.publicworks.gov.za/> under "Consultants Guidelines"), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used

C3.0 TRADE NAMES

Fixed: _____ Value related: _____ Time related: _____

Wherever a trade name for any product has been described in the bills of quantities / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

Fixed: _____ Value related: _____ Time related: _____

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93 C4.0 IMPORTED MATERIALS AND EQUIPMENT

Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, falling within the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer)

Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

Fixed: _____ Value related: _____ Time related: _____

94 C5.0 VIEWING THE SITE IN SECURITY AREAS

The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes

Fixed: _____ Value related: _____ Time related: _____

95 C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS

As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account

Fixed: _____ Value related: _____ Time related: _____

96 C7.0 ENTRANCE PERMITS TO SECURITY AREAS

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 Defence Force, Police or chief security officer

Fixed: _____ Value related: _____ Time related: _____

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C8.0 SECURITY CHECK OF PERSONNEL

97

The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified

In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works

98

C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS

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

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

99

C10.0 HIV/AIDS AWARENESS

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 C10.1 to C10.5 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

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 31.0 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

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C10.1 AWARENESS CHAMPION

Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification

Fixed: _____
Value related: _____
Time _____

C10.2 AWARENESS WORKSHOPS

Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification

Fixed: _____
Value related: _____
Time _____

C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.

Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification

Fixed: _____
Value related: _____
Time _____

C10.4 ACCESS TO CONDOMS

Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification

Fixed: _____
Value related: _____
Time _____

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C10.5 MONITORING Item R	Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____ C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained Fixed: _____ Value related: _____ Time related: _____ C11.1 HI-VISIBILITY CONTI-SUIT Annual/ As required or needing replacing Fixed: _____ Value related: _____ Time related: _____ Carried to Collection
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102	C11.2 HI-VISIBILITY T-SHIRTS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
103	C11.3 STEEL TOE-CAPPED SAFETY BOOTS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
104	C11.4 HI-VISIBILITY SAFETY VEST	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
105	C11.5 SABS APPROVED HARD HAT	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
106	C11.6 HI-VISIBILITY RAIN SUITS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
107	C11.7 STEEL TOE CAPPED GUMBOOTS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
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108	C11.8 DUST MASKS (STIPULATE FFP)	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
109	C11.9 SAFETY GLASSES	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
110	C11.10 GLOVES (STIPULATE TYPE):	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
111	C11.11 SAFETY HARNESSSES	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
112	C11.12 ISSUE OF COVID-19 COMPLIANT FACE MASKS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
113	C11.13 ISSUE OF DISPOSABLE GLOVES	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item	
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114	C11.14 ISSUE OF FACE SHIELDS	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item
115	C11.15 OTHER	Annual/ As required or needing replacing	Fixed: _____ Value related: _____ Time related: _____	Item
116	C11.16 SAFETY REPRESENTATIVE TRAINING	Training of safety representatives	Fixed: _____ Value related: _____ Time related: _____	Item
117	C11.17 FIRST AIDER TRAINING	Training of first aiders	Fixed: _____ Value related: _____ Time related: _____	Item
118	C11.18 FIRE FIGHTING TRAINING	Fixed: _____ Value related: _____ Time related: _____	Item	
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119	C11.19 BASIC FALL ARREST (US229998)	Once off or every 3 years	Fixed: _____ Value related: _____ Time related: _____		
120	C11.20 BASIC FALL ARREST AND RESCUE (US229995 AND US229998)	Once off or every 3 years	Fixed: _____ Value related: _____ Time related: _____		
121	C11.21 FALL PROTECTION PLANNER (US229998 AND 229994)	Once off or every 3 years	Fixed: _____ Value related: _____ Time related: _____		
122	SCAFFOLDING (AS PER SANS10085) C11.22 SCAFFOLDING SUPERVISOR	Once off	Fixed: _____ Value related: _____ Time related: _____		
123	C11.23 SCAFFOLDING INSPECTOR	Once off	Fixed: _____ Value related: _____ Time related: _____		
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124 C11.24 SCAFFOLDING ERECTOR

Once off

Fixed: _____
Value related: _____ Time

125 C11.25 INDUCTION TRAINING INCLUDING COVID AWARENESS

Fixed: _____
Value related: _____ Time

126 C11.26 OTHER

Fixed: _____
Value related: _____ Time

HEALTH AND SAFETY SALARIES

127 C11.27 CHC MANAGER

Monthly Salary

Fixed: _____
Value related: _____ Time

128 C11.28 CHC OFFICER

Monthly Salary

Fixed: _____
Value related: _____ Time

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129 C11.29 COVID CONTROL OFFICER

Monthly Salary

Fixed: _____
Value related: _____
Time related: _____

130 C11.30 OTHER

Monthly Salary

Fixed: _____
Value related: _____
Time related: _____

SPECIFIC HEALTH AND SAFETY ITEMS

131 C11.31 MEDICALS INCLUDING COVID SCREENING

Pre-placement, Annual and Exist

Fixed: _____
Value related: _____
Time related: _____

132 C11.32 SPILL KIT

Once off

Fixed: _____
Value related: _____
Time related: _____

133 C11.33 ACCOMMODATION OF TRAFFIC

Accommodation of Traffic as per Client tender BOQ

Fixed: _____
Value related: _____
Time related: _____

Carried to Collection

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Item

Item

Item

Item

Item



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134	C11.34 INDUCTIONS	Annual	Fixed: _____ related: _____ Value related: _____ Time _____		Item
135	C11.35 FIRST AID KITS	Once off	Fixed: _____ related: _____ Value related: _____ Time _____		Item
136	C11.36 FIRE EXTINGUISHERS	Once off	Fixed: _____ related: _____ Value related: _____ Time _____		Item
137	C11.37 ABLUTIONS	Once off	Fixed: _____ related: _____ Value related: _____ Time _____		Item
138	C11.38 BARRIER NETTING	Once off	Fixed: _____ related: _____ Value related: _____ Time _____		Item
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	Item	
	Item	
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145	C11.45 FIRE EXTINGUISHER	Once off	Fixed: _____ Value related: _____ Time related: _____	Item	
146	C11.46 DIRECTIONAL SIGNAGE	Once off	Fixed: _____ Value related: _____ Time related: _____	Item	
147	C11.47 EMERGENCY ASSEMBLY POINT	Once off	Fixed: _____ Value related: _____ Time related: _____	Item	
148	C11.48 NO SMOKING SIGNAGE	Once off	Fixed: _____ Value related: _____ Time related: _____	Item	
149	C11.49 LADIES AND MEN'S TOILETS SIGNAGE	Once off	Fixed: _____ Value related: _____ Time related: _____	Item	
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150 C11.50 'NO NAKED FLAMES' SIGNAGE

Once off

Fixed: _____
Value related: _____
Time related: _____

151 C11.51 OTHER (OTHER SIGNAGE)

Once off

Fixed: _____
Value related: _____
Time related: _____

SAFETY DOCUMENTATION

152 C11.52 HEALTH AND SAFETY PLAN

Fixed: _____
Value related: _____
Time related: _____

153 C11.53 HEALTH AND SAFETY FILE

Fixed: _____
Value related: _____
Time related: _____

154 C11.54 COVID PLAN AND PROCEDURES

Once off

Fixed: _____
Value related: _____
Time related: _____

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155	C11.55 FALL PROTECTION PLAN	Once off	Fixed: _____ Value related: _____ Time related: _____
156	C11.56 OTHER	Once off	Fixed: _____ Value related: _____ Time related: _____

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Item No

BILL NO 2

ALTERATIONS TO EXISTING BUILDING

Notes: 1. Tenderers are advised to study the
'Construction specification PW371-A and B as
amended (downloadable from Department of
Public Works website, www.publicworks.gov.za)
before pricing this bill. 2. Unless otherwise stated all
items in this Bill

GENERAL NOTES

For further preambles and full descriptions of items not
fully described in this Bill, reference must be made to
supplementary preambles and descriptions in the other
Bills of this Section. Such supplementary preambles and
descriptions shall apply equally

GENERAL

In taking down and removing existing work the utmost
care shall be observed to prevent any structural or other
damage to remaining portions of the building and the
Contractor shall provide all shoring, needling, strutting,
etc. to ensure stability

Any water supply and other piping that may be
encountered and which is found necessary to
disconnect or cut shall, after such disconnection or
cutting has been authorised by the
Representative/Agent, be effectively stopped off

EXISTING BUILDINGS

The existing buildings will be in use and occupied during
the progress of the contract and the Contractor will be
required to carry out the works in such a manner as will
least interfere with the occupants and with the minimum
of disturbance

Carried to Collection

BILL No. 2
ALTERATIONS

-45-

Quantity	Rate	Amount
	R	



SIZE PERTAINING TO EXISTING WORK

The Contractor is advised to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the correctness of sizes of all new work. All sizes given in relation to existing work are approximate.

MAKING GOOD DAMAGED WORK

The Contractor shall make good in all trades to existing work where damaged or disturbed through the alterations with all necessary new materials to match the existing

FORMING NEW OPENINGS OR ALTERING OPENINGS IN EXISTING WALLS

Descriptions of forming new openings or altering openings in existing walls shall be deemed to include breaking out for and forming new brick, in-situ concrete or prestressed concrete lintels, including all reinforcement, formwork, turning pieces, etc.

BUILDING UP OPENINGS

Descriptions of building up existing openings where given in number shall be deemed to include preparing existing surfaces all around, brickwork properly toothed and bonded to existing, wedging up and making good on both sides as described

PAINTWORK

Where plasterwork on walls, ceilings, etc. are required to be patched or made good, prices are to include for the appropriate priming coat and one coat undercoat to receive paint finishing coats which are measured elsewhere

The contractor must protect all work not removed such as walls, floors, doors, windows, fittings, etc. from damage during the progress of the work and provide all necessary materials for doing so.

Tenderers are advised to visit the site before tendering and satisfy themselves as to the nature and extent of the works, means of access to the site and availability of working space. No claims will be entertained due to the tenderer having failed to comply

Carried to Collection

Bill No. 2
ALTERATIONS

PROCEDURE OF WORK

The Representative/Agent reserves the right to direct the order in which the contract will be executed, should circumstances necessitate such action.

LOSS BY THEFT, FIRE OR OTHERWISE

The risk of loss, theft, fire, storm, riot or otherwise of the buildings to be demolished and the materials therein shall rest entirely with the contractor immediately upon the handing over of the site.

WATER AND OTHER PIPING

Any water supply or other piping that may be met with and found necessary to disconnect or cut are to be effectually stopped off or grubbed up and removed and any new connections that may be necessary and are to be made with proper fittings

ELECTRICAL AND OTHER SERVICES

Special care is to be exercised not to unnecessarily interfere with any electric light, bell, power, telephone or other wires and fittings that may be met with and due notice must be given to the Architect.

The contractor must protect all work not removed such as walls, floors, doors, windows, fittings, etc. from damage during the progress of the work and provide all necessary materials for doing so.

OCCUPATION OF EXISTING BUILDINGS

Tenderers are advised that the existing buildings will be in occupation during the building operations and due allowance must be made for the work being carried out in such a manner as will least interfere with the general routine of the occupants.

NOISE PREVENTION

The contractor shall take special care to minimise noisy operations during business hours. Such measures will include, inter alia, the use of silent compressors and strict control of workmen.

Carried to Collection

Bill No. 2
ALTERATIONS

ALTERATIONS TO OPENINGS		The contractor shall demolish the portions of existing structures or buildings with a minimum amount of damage to adjoining buildings, materials, pavings, etc. Any damage caused is to be made good at his own expense with materials to match the existing.	
Where the Contractor is required to form openings, alter openings or brick up openings in existing walls all brickwork shall be made good at jambs including properly bonding to existing. Brickwork in bricking up openings shall be wedged and pinned up to		MAKING GOOD, ETC	
Prices are to include for making good in all trades to existing work, where damaged or disturbed through alterations, with all necessary new materials to match existing and leave complete and perfect in every respect.		TEMPORARY BARRIERS, SCREENS, ETC	
Temporary barriers, screens, etc including removal		Allowance for all necessary temporary tarpaulins, barricades, screens, fencing, temporary waterproofing, dust proofing, etc required to isolate any sections of new or existing buildings for the purposes of excluding users of the remainder of the building	
REMOVAL OF EXISTING WORK		Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)	
2	No	Timber single door and frame not exceeding 2.5m ²	4
3	No	Burglar bars over existing windows of size: 1500mm wide x 1800mm high	22
4	No	Window furniture comprising handle and stays	22
Carried to Collection		R	
Bill No. 2		ALTERATIONS	

ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
WATERVAL BOVEN CAMPUS



Bill No. 2 ALTERATIONS		Carried to Collection		R	
5	300 x 300mm Tiles to floors, treads, risers, etc.	m2	161		
6	Wall tiles	m2	48		
7	Removal of existing stainless steel sink units of overall size: 2400mm long x 800mm wide x 1200mm high and floor mounted support frames <u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes</u>	No	4		
8	600mm wide timber shelving boards <u>Take out and remove existing pin boards, chalkboards, bookshelving, skirting etc.</u>	m	54		
9	Removal of floor mounted timber cupboard 3200mm long x 600mm wide x 1100mm high				
10	Pinning board exceeding 2,5m2 but not exceeding 5m2 <u>Alterations to existing cupboards including replacement of doors, shelves, ironmongery and retain existing stainless steel counter tops</u>	No	4		
11	Whiteboard exceeding 2,5m2 but not exceeding 5m2 <u>Removal of glazing from existing windows</u>	No	2		
12	Glass to damaged steel windows exceeding 0,5m2 but not exceeding 2m2 <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u>	No	12		
13	Partition panels <u>Remove timber partitioning wall</u>	m2	23		



Taking out and removing electrical and mechanical fittings etc including decommissioning and making good walls and floors					
14	Removal of existing wall mounted old type HVAC indoor unit 500mm wide x 700mm high x 300mm thick including decommissioning and disconnecting of all adjoining redundant	Item			
15	Removal of existing wall mounted extractor duct of overall size 700mm diameter x 1000mm long protruding from vertical wall surface including making good of walls with mortar infill, and plastering (paint finishes measured elsewhere)	Item			
16	Decommission, disconnect and carefully remove and store existing floor mounted industrial stove unit of overall size: 3500mm long x 1000mm wide x 1100mm high and adjoining electrical conduits, switches, isolators, wall boxes etc, including making safe of all protruding or exposed wiring according to electrical engineer's recommendations	Item			
17	Decommission, disconnect and carefully remove for storage, existing floor mounted stainless steel oven and mechanical equipment of overall size 1500mm wide x 2100mm high x 800mm deep and adjoining electrical conduits, switches, isolators, wall boxes etc, including making safe of all protruding or exposed wiring according to electrical engineer's recommendations	Item			
18	Ceiling fan	6	No		
Removal of electrical sockets, plugs, switches, light fittings etc including making safe exposed electrical wiring		Carefully remove and store			
Carried to Collection		R			
Bill No. 2		ALTERATIONS			

ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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Bill No. 2

ALTERATIONS

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ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
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Item No	BILL NO 4	CARPENTRY AND JOINERY	Notes: 1. Tenderers are advised to study the Construction specification PW371-A and B as amended (downloadable from Department of Public Works website, www.publicworks.gov.za) before pricing this bill. 2. Unless otherwise stated all items in this Bill	SUPPLEMENTARY PREAMBLES	Joinery Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc	Descriptions of hardwood joinery shall be deemed to include pelling of bolt holes	Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete	Decorative laminate finish Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish	DOORS, ETC	Internal single flush panel timber doors	NOTE: All frames, ironmongery and finishes to doors are measured elsewhere	1	Single doors 40mm thick x 813mm wide x 2032mm high	No	4	2	40mm thick x 813mm wide x 2032mm high external hardwood doors to match existing	2	SUNDRIES	Study Carrels	3	Clerical desks 1200mm x 750mm wide	No	2	Carried to Collection	R	Amount
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ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
WATERVAL BOVEN CAMPUS

4	700mm x 600mm x 1375mm 4 Way single sided solid meranti wooden study carrel with 200mm(D) book shelf.	No	76	
5	Rick stacker chairs with cotton fabric upholstery.	No	78	
Carried to Collection				
Bill No. 3				
CARPENTRY AND JOINERY				
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ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
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Bill No. 3

CARPENTRY AND JOINERY

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CARPENTRY AND JOINERY

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ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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6	150 x 150mm Engraved aluminium signage plate to doors	<u>'SOLID' or other equal and approved</u>	No	6
SUNDRIES				
Blinds				
7	Blinds: 1500 x 1800		No	22
8	<u>'JUNION' or other approved</u> Door stop (code CZ8731)		No	6
Carried to Collection				
Bill No. 4				
IRONMONGERY				
R				

ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
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Bill No. 4

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IRONMONGERY

ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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Item No	BILL NO 7	METALWORK	SUPPLEMENTARY PREAMBLES	Tenders are to refer to the Model Preambles for Trades (Latest Edition) and Supplementary Preambles for further description and amplification of work in this section	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	FENCES, GATES ETC	SECURITY GATES	45x45x3mm angle iron frame welded to lug and built-in, 40x40x2mm mild steel square tube gate surround, 20mm dia steel rods at 110mm centres, 40x6mm horizontal supports with 19mm holes for vertical rods, 20mm dia x 80mm long pin hinge, etc	No	2	PRESSED STEEL DOOR FRAMES	1.2mm Double rebated frames suitable for half brick walls	2	1.2mm Double rebated frames suitable for one brick walls	3	Frame for door 810 x 2030mm high	STEEL WINDOWS	Carried to Collection	Bill No. 5	METALWORK



ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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Galvanised steel burglar bars		4	
Mild steel burglar bars over window size: 1500 x 1800mm high			
No			
22			
Carried to Collection			
Bill No. 5			
METALWORK			
R			



ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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METALWORK



ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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Item No	BILL NO 8			
	PLASTERING			
	Notes: 1. Tenderers are advised to study the 'Construction specification PW371-A and B as amended (downloadable from Department of Public Works website) before pricing this bill 2. Unless otherwise stated all items in this Bill shall be deemed to fall			
	SUPPLEMENTARY PREAMBLES			
	Floor preparation to include grout grinding, levelling and skim coating surface with new mortar ready to receive new screed			
	Wall preparation to include grout grinding, levelling and skim coating surface with new mortar ready to receive new plaster/backing			
	INTERNAL PLASTER			
	One coat (4 : 1) Cement plaster on brickwork			
1	On walls	m2	154	
	Carried to Summary			
	R			
	Rate	Quantity	Amount	

Bill No. 6
PLASTERING

Carried to Summary

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ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
TO A COMPUTER RESOURCE CENTRE AT NKANGALA TVET COLLEGE
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Item
No

BILL NO 11

GLAZING

Notes: 1. Tenderers are advised to study the
Construction specification PW371-A and B as
amended (downloadable from Department of Public
Works website) before pricing this bill.

SUPPLEMENTARY PREAMBLES

GLAZING TO STEEL WITH PUTTY (PROVISIONAL)

Clear float glass

4mm Panes over 0.5m² but not exceeding 2.5 m²

m²

14

Quantity

Rate

R

Amount

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Bill No. 8
GLAZING

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Item
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BILL NO 14

PAINTWORK

Notes: 1. Tenderers are advised to study the
'Construction specification PW371-A and B as
amended (downloadable from Department of
Public Works website) before pricing this bill. 2.
Unless otherwise stated all items in this Bill shall be
deemed to fall

SUPPLEMENTARY PREAMBLES

DESCRIPTIONS

Descriptions of paintwork shall be deemed to include for
all cutting in

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces shall be
thoroughly washed down with polycell sugar-soap
solution, rinse with clean water to remove all traces of
soap, sand glossy surface to a matt finish and allowed
to dry completely for 24 hours before any

Previously painted metal surfaces shall be cleaned of all
rust, scale and dirt, removed by scraping or with steel
brushes. All oil and grease shall be removed and
perfectly clean surfaces obtained. If necessary, the
surfaces shall be de-grease

Previously painted wood surfaces shall be thoroughly
cleaned down. Blistered or peeling paint shall be
completely removed and cracks and crevices shall be
primed, filled with suitable filler and finished smooth

PAINTWORK, ETC TO PREVIOUSLY PAINTED
WORK

INTERNAL AND EXTERNAL PLASTERED
SURFACES

Carried to Collection

Bill No. 9
PAINTWORK

Quantity	Rate	Amount
	R	

ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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1	To plastered walls	m2	309	
ON SMOOTH CONCRETE SURFACES				
<u>One coat 'Plascon' or similar approved undercoat and two coats interior quality acrylic PVA paint</u>				
2	Concrete ceilings	m2	181	
3	Plastered beams	m2	104	
WOOD SURFACES				
<u>Grain filling, two coats sanding sealer and staining then prepare and apply one coat oil wood primer, one coat universal undercoat and two coats enamel 'Velvadow' or other equal and approved paint on</u>				
4	Doors and wood surfaces	m2	20	
ON METAL SURFACES				
<u>One coat alkylid based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel</u>				
5	Door frames	m2	8	
6	To steel windows (both sides measured)	m2	119	
7	To steel entrance gates, burglar bars and screens (both sides measured)	m2	119	
Carried to Collection				
Bill No. 9				
PAINTWORK				
R				



ALTERATION WORKS FOR THE CONVERSION OF EXISTING CLASSROOMS
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PAINTWORK

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PAINTWORK

