

## KRAAIFONTEIN SAPS: WESTERN CAPE PROVINCE: SECURITY UPGRADE SCOPE OF WORKS

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Figure 5: An open arch next to the CSC main glass door.

Install new burglars to close the arch, the burglars must have a gate big enough to accommodate a wheelchair.



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Figure 6: Existing brick wall with palisade on top.

Install the palisade on top of the remainder of the existing brick wall to match existing



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Figure 7: Fence: Around street boundaries (Not facing CSC entrance).

Remove the existing diamond mesh fence and replace with brick wall.

Guard house to be left as is.

Remove the vehicle and pedestrian gate and replace with new.



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Figure 8: Fence: Around street boundaries (Not facing CSC entrance).

Remove the existing diamond mesh fence and replace with brick wall.



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Figure 9: Fence: (Around street boundaries at the entrance to CSC)

Remove diamond mesh fence and replace with new combination of brickwork and fence.



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Figure 10: Brick wall at the back (SAP 13 yard)

Remove the existing barbed wire on top of the wall and replace it with steel palisade to match existing. The brick wall remains as is.



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Figure 10: brick wall at the back (SAP 13 yard)

Remove the existing barbed wire on top of the wall and replace it with steel palisade to match existing. The brick wall remains as is.

Item No	Unit	Quantity	Rate	Amount
SECTION 1				
<u>PRELIMINARIES</u>				
<u>BILL NO 1</u>				
NOTE				
All prices/rates to be net, excluding Value Added Tax				
General				
i)The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1) prepared by the Joint Building Contracts Committee, March 2005				
ii)The preliminaries are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, March 2005 edition and shall be deemed to be incorporated herein				
iii)Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary				
iv)Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading				
v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")				
vi) If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time				
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**PREAMBLES FOR TRADES**

The preambles for trades (2008 edition) as published by the association of the South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained

Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles

The contractor prices for all items throughout these bills of must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles

**PRICING OF PRELIMINARIES**

Should the contractor select Alternative A in terms of sub-clause B10.3 in the preliminaries and indicated on the Form of Tender[2.5] for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value-Related (V) and Time-Related (T)

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SECTION A: PRINCIPAL BUILDING AGREEMENT

Definitions (A1)

1 Definitions and interpretation (clause 1)

F:..... V:..... T:.....

Item

Objective (A2)

2 Offer, acceptance and performance (clause 2)

F:..... V:..... T:.....

Item

Preparation (A3-A14)

3 Documents (clause 3)

Clause 3.1 shall be deemed to be omitted and replaced  
with the following:

No payment guarantee will be provided by the employer

F:..... V:..... T:.....

Item

4 Design responsibility (clause 4)

F:..... V:..... T:.....

Item

5 Employer's agents (clause 5)

F:..... V:..... T:.....

Item

6 Contractor's site representative (clause 6)

F:..... V:..... T:.....

Item

7 Works risk (clause 8)

F:..... V:..... T:.....

Item

8 Indemnities (clause 9)

F:..... V:..... T:.....

Item

9 General insurances (clause 10)

All insurances are to be taken by the Contractor

F:..... V:..... T:.....

Item

10 Special insurances (clause 11)

F:..... V:..... T:.....

Item

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11 Effecting insurance (clause 12)

F:..... V:..... T:.....

Item

12 Assignment (clause 13)

F:..... V:..... T:.....

Item

13 Security (clause 14)

F:..... V:..... T:.....

Item

Execution (A15-A23)

14 Preparation for and execution of the works (clause 15)

F:..... V:..... T:.....

Item

15 Site and Access (clause 16)

F:..... V:..... T:.....

Item

16 Contract instructions (clause 17)

F:..... V:..... T:.....

Item

17 Setting out of the works including survey (clause 18)

The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments

F:..... V:..... T:.....

Item

18 Temporary Works and Plant (clause 19)

F:..... V:..... T:.....

Item

19 Nominated sub-contractors (clause 20)

F:..... V:..... T:.....

Item

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20 Selected sub-contractors (clause 21)

Notwithstanding the content of this clause, the contractor's attention is drawn to the fact that all the work provided for by means of the inclusion of provisional amounts elsewhere in these bills of quantities, is to be executed and installed in the works during the construction period by selected sub-contractors

The selected sub-contractors shall be chosen, as far as possible, by the principal agent together with the contractor

F:..... V:..... T:.....

Item

21 Employer's direct contractors (clause 22)

F:..... V:..... T:.....

Item

22 Contractor's domestic sub-contractors (Clause 23)

F:..... V:..... T:.....

Item

Completion (A24-A30)

23 Practical completion (clause 24)

F:..... V:..... T:.....

Item

24 Works completion (clause 25)

F:..... V:..... T:.....

Item

25 Final completion (clause 26)

F:..... V:..... T:.....

Item

26 Latent defects liability period (clause 27)

F:..... V:..... T:.....

Item

27 Sectional completion (clause 28)

F:..... V:..... T:.....

Item

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28	<p>Revision of date of practical completion (clause 29)</p> <p>Clause 29.1.1 shall be deemed to be omitted and replaced by the following:</p> <p>Inclement weather shall be defined as weather in excess of the average rainfall (volume and period) for each calendar month over the past ten (10) years as recorded by the nearest commonly recognised weather bureau in the region of the project</p> <p>It shall be deemed that the contractor has adequately allowed in his programme and tendered rates for expenses which might result from delays due to average or below rainfall as described above</p> <p>F:..... V:..... T:.....</p>	Item		
29	<p>Penalty for non-completion (clause 30)</p> <p>F:..... V:..... T:.....</p> <p><u>Payment (A31 - A35)</u></p>	Item		
30	<p>Interim payment to the contractor (clause 31)</p> <p>Notwithstanding this or any other clause, materials and goods stored off site shall not to be included in the amount authorized for payment</p> <p>Sub-clause 31.9 shall be amended as follows: wording "seven (7) calendar days of the date of issue of payment certificate" be replaced with "twenty one (21) calendar days of the date of issue of tax invoice"</p> <p>The contractor shall attach a tax invoice as prescribed in the Value Added Tax legislation to each payment certificate to the employer for payment. Such tax invoices shall match precisely the amounts included in the payment certificate.</p> <p>Should the contractor fail to comply with these requirements, the date of presentation of the certificate shall be deemed to be delayed at the contractor's default until such time as the requirements are met</p> <p>F:..... V:..... T:.....</p>	Item		
31	<p>Adjustment to the contract value (clause 32)</p> <p>F:..... V:..... T:.....</p>	Item		
32	<p>Recovery of expense and loss (clause 33)</p> <p>F:..... V:..... T:.....</p>	Item		
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33	Final account and final payment (clause 34)				
	F:..... V:..... T:.....	Item			
34	Payment to other parties (clause 35)				
	F:..... V:..... T:.....	Item			
	Termination (A36-A39)				
35	Termination by employer - contractor's default (clause 36)				
	F:..... V:..... T:.....	Item			
36	Termination by employer - loss and damage (clause 37)				
	F:..... V:..... T:.....	Item			
37	Termination by contractor - employer's default (clause 38)				
	F:..... V:..... T:.....	Item			
38	Termination - cessation of the works (clause 39)				
	F:..... V:..... T:.....	Item			
	Dispute (A40)				
39	Settlement of Disputes (clause 40)				
	F:..... V:..... T:.....	Item			
	Contract Agreement (A41)				
40	The schedule: Pre-tender information (clause 42)				
	F:..... V:..... T:.....	Item			
	42.1 CONTRACTING AND OTHER PARTIES				
	See "Notes to Tenderers" for all the relevant physical and postal addresses, telephone and facsimile numbers				
	42.1.1 Employer: Government of the Republic Of South Africa				
	42.1.2 Client: South African Police Service				
	Supply Chain Management				
	Postal Address: Private Bag X254				
	Pretoria				
	0001				
	Representative of the Employer: Colonel M. Baliso				
	Tel: (012) 349 6069 Fax:				
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42.1.3 Principal Agent (1): Programme & Project Management

Contact Person: Warrant Officer: **M. Nengwani**

18 De Havilland Crescent

Acasia Building

Persoquor Technopark

Pretoria

Tel: (012)841-8778 Fax:

Agent service: Quantity Surveying, Architectural, Civil, Structural,  
Electrical and Mechanical services

42.1.4 Agent (1):

Architect: SAPS

Agents service:

42.1.5 Agent (2):

Structural Engineer: SAPS

Agents service:

42.1.6 Agent (3):

Quantity Surveyor: SAPS

Agents service:

42.1.7 Agent (4):

OHS: SAPS

Agents service:

42.1.8 Agent (5):

Electrical Engineer: SAPS

Agents service:

42.1.9 Agent (7):

Mechanical Engineers: SAPS

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Agents service:

42.1.10 Agent (8):

Not applicable

## 42.2 CONTRACT DETAILS

42.2.1 Works Description:

The works shall be as described in the "Notes tTenders"

42.2.2 Site Description:

The site shall be as described in the "Notes to Tenderers"

42.2.3 Work or installations by direct contractors:

Refer to notes to tenders: Item 2 Scope of contract

42.2.4 Specific options that are applicable to a State organ only:

(1)Interest rate legislation:

N/A

(2)Lateral support insurance to be effected by the contractor

N/A

(3)Payment will be made for materials and goods:

N/A

(4)Dispute resolution by litigation:

N/A

(5)Extended defects liability period applicable to the following elements:

Mechanical and Electrical Works (12 months)

42.2.5 Possession of the site is be given on:

Date to be determined

42.2.6 Period for the commencement of the works after the contractor takes possession of the site:

One (1) working day

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42.2.7 The date for practical completion and the penalty per calendar day for the works as a whole:

Date:

Twelve (12) weeks , exclusive of builder's holidays, after the date of site hand over

Penalty:

Refer to Appendix A: Calculation of penalty

42.2.8 The date for practical completion and the penalty per calendar day for the works in sections:

N/A

42.2.9 The law applicable to this agreement shall be that of:

Republic of south Africa

### 42.3 INSURANCES

42.3.1 Contract works insurance:

To be effected by: Employer

For the sum of: Tendered amount plus 20% with a deductible of: to be determined by contractor

Item

42.3.2 Supplementary insurance is required:

Yes

42.3.3 Public Liability Insurance to be effected by contractor:

For the sum of R 283 333-00

Item

With a deductible of: to be determined by contractor

42.3.4 Support insurance to be effected by the employer

N/A

### 42.4 DOCUMENTS

41.4.1 Waivers of contractor's lien or right of continuing possession is required:

No

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42.4.2 Construction document copies to be supplied to the contractor free of charge:

Three (3) copies of each

42.4.3 Bills of quantities drawn up in accordance with:

Standard System of Measuring Building Works (7th edition)

42.4.4 On acceptance of the tender the bills of quantities is to be submitted:

Together with tender document

42.4.5 JBCC Engineering General Conditions are to be included in the documents:

No

42.4.6 The contract value is to be adjusted using CPAP:

Yes

Base month of indexes: Tender closing date

42.4.7 Details of changes made to the provision of JBCC standard documentation

Any changes are indicated against the relevant items in this section

#### 42.5 CONTRACT DETAILS

All post-tender information for this section will be determined once tender is awarded

#### 42.6 DOCUMENTS

All post-tender information for this section will be determined once tender is awarded

#### 42.7 DISPUTE RESOLUTION

All post-tender information for this section will be determined once tender is awarded

#### 42.8 SIGNATURES OF THE CONTRACTING PARTIES

All post-tender information for this section will be determined once tender is awarded

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**SECTION B: PRELIMINARIES**

**Definition and interpretation (B1)**

41 Definition and interpretation (B1.1 - B1.6.5)

F:..... V:..... T:.....

Item

**Documents (B2)**

42 Checking of documents (B2.1)

These bills of quantities:

(1) contain pages and annexes as indexed, and;

(2) are in multiple procurement format, i.e. all trades are fully measured with minor budgetary allowances

Items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the Model Preambles for Trades, 2008 edition, as recommended and published by the Association of South African Quantity Surveyors and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained

F:..... V:..... T:.....

Item

43 Provisional bills of quantities (B2.2)

F:..... V:..... T:.....

Item

44 Availability of construction documentation (B2.3)

The minor budgetary allowances included in this document will be separately procured, based on multiple procurement of selected sub-contractors during the construction period

F:..... V:..... T:.....

Item

45 Interests of agents (B2.4)

F:..... V:..... T:.....

Item

46 Priced documents (B2.5)

F:..... V:..... T:.....

Item

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47	Tender submission (B2.6)			
	Notwithstanding anything contained in this clause tenders shall be valid for a period of ninety (90) days from the closing date of tenders			
	F:..... V:..... T:.....	Item		
	<u>The site (B3)</u>			
48	Defined works area (B3.1)			
	F:..... V:..... T:.....	Item		
49	Geotechnical investigation (B3.2)			
	F:..... V:..... T:.....	Item		
50	Inspection of the site (B3.3)			
	No claims for extras arising from the contractor having failed to comply with this clause will be entertained			
	F:..... V:..... T:.....	Item		
51	Existing premises occupied (B3.4)			
	F:..... V:..... T:.....	Item		
52	Previous work - dimensional accuracy (B3.5)			
	Work executed under a previous contract and the extent thereof will be pointed out to the contractor by the principal agent on handing over of the site			
	F:..... V:..... T:.....	Item		
53	Previous work - defects (B3.6)			
	F:..... V:..... T:.....	Item		
54	Services - known (B3.7)			
	F:..... V:..... T:.....	Item		
55	Services - unknown (B3.8)			
	F:..... V:..... T:.....	Item		
56	Protection of trees, etc (B3.9)			
	F:..... V:..... T:.....	Item		

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57	Articles of value (B3.10)	F:..... V:..... T:.....	Item
58	Inspection of adjoining properties, etc (B3.11)	F:..... V:..... T:.....	Item
<b><u>Management of contract (B4)</u></b>			
59	Management of the works (B4.1)	F:..... V:..... T:.....	Item
60	Programming for the works (B4.2)	F:..... V:..... T:.....	Item
61	Progress meetings (B4.3)	F:..... V:..... T:.....	Item
62	Technical meetings (B4.4)	F:..... V:..... T:.....	Item
63	Labour and plant records (B4.5)	F:..... V:..... T:.....	Item
<b><u>Samples and shop drawings (B5)</u></b>			
64	Samples of materials (B5.1)	F:..... V:..... T:.....	Item
65	Workmanship samples (B5.2)	F:..... V:..... T:.....	
66	Shop drawings (B5.3)	F:..... V:..... T:.....	Item
67	Compliance with manufacturer's instructions (B5.4)	F:..... V:..... T:.....	Item
<b><u>Temporary works and plant (B6)</u></b>			
68	Deposits and fees (B6.1)	F:..... V:..... T:.....	Item
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69	Enclosure of the works (B6.2)	F:..... V:..... T:.....	Item
70	Advertising (B6.3)	F:..... V:..... T:.....	Item
71	Plant, equipment, sheds and offices (B6.4)	F:..... V:..... T:.....	Item
72	Main notice board (B6.5)	F:..... V:..... T:.....	Item
73	Subcontractors notice board (B6.6)	F:..... V:..... T:.....	Item
	<b><u>Temporary services (B7)</u></b>		
74	Location (B7.1)	F:..... V:..... T:.....	Item
75	Water (B7.2)	F:..... V:..... T:.....	Item
76	Electricity (B7.3)	F:..... V:..... T:.....	Item
77	Telecommunication equipment (B7.4)	F:..... V:..... T:.....	Item
78	Ablution facilities (B7.5)	F:..... V:..... T:.....	Item
	<b><u>Prime cost amounts (B8)</u></b>		
79	Responsibility for prime cost amounts (B8.1)	F:..... V:..... T:.....	Item
	<b><u>Attendance on nominated and selected subcontractors (B9)</u></b>		
80	General attendance (B9.1)	F:..... V:..... T:.....	Item
81	Special attendance (B9.2)	F:..... V:..... T:.....	Item
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82 Commissioning - Fuel, water and power (B9.3)

F:..... V:..... T:.....

Item

**Financial aspects (B10)**

83 Statutory taxes, duties and levies (B10.1)

Provision is made in the summary of these bills of quantities for the inclusion of Value Added Tax (VAT)

F:..... V:..... T:.....

Item

84 Payment of preliminaries (B10.2)

F:..... V:..... T:.....

Item

85 Adjustment of preliminaries (B10.3)

F:..... V:..... T:.....

Item

86 Payment certificate cash flow (B10.4)

F:..... V:..... T:.....

Item

**General (B11)**

87 Protection of works (B11.1)

F:..... V:..... T:.....

Item

88 Protection/isolation of existing/sectionally occupied work (B11.2)

F:..... V:..... T:.....

Item

89 Site security (B11.3)

There is a high theft rate in the area and on site. The contractor to

F:..... V:..... T:.....

Item

90 Notice before covering work (B11.4)

F:..... V:..... T:.....

Item

91 Disturbance (B11.5)

F:..... V:..... T:.....

Item

92 Enviromental disturbance (B11.6)

F:..... V:..... T:.....

Item

93 Works cleaning and clearing (B11.7)

F:..... V:..... T:.....

Item

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94	Vermin (B11.8)	F:..... V:..... T:.....	Item		
95	Overhand work (B11.9)	F:..... V:..... T:.....	Item		
96	Instruction manuals and guarantees (B11.10)	F:..... V:..... T:.....	Item		
97	As built information (B11.11)	F:..... V:..... T:.....	Item		
98	Tenant installations (B11.12)	F:..... V:..... T:.....	Item		
	<u>Schedule of variables (B12)</u>				
98	Pre-tender information (B12.1)	F:..... V:..... T:.....	Item		
	12.1.1 Provisional bills of quantities (B2.2)				
	The quantities are provisional:				
	12.1.2 Availability of construction documentation (B2.3)				
	Construction documentation is not complete:				
	No				
	12.1.3 Interest of agents (B2.4)				
	No				
	12.1.4 Defined works area (B3.1)				
	The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site				
	12.1.5 Geotechnical investigation (B3.2)				
	N/A				
	12.1.6 Existing premises occupied (B3.4)				
	Yes				
	12.1.7 Previous work - Dimensional accuracy (B3.5)				
	No specific information				
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