

Item

Quantity

Rate

Amount

SECTION 1

BILL NO. 1

PRELIMINARIES

BUILDING AGREEMENT AND PRELIMINARIES

The JBCC edition 6.1 Principal Building Agreement (March 2014 edition) prepared by the Joint Building Contracts Committee, shall be the agreement, amended as hereinafter described

The Preliminaries for use with the JBCC edition 6.1 Principal Building Agreement (March 2014) prepared by the Joint Building Contracts Committee, shall be deemed to be incorporated in these bills of quantities

Contractors are referred to the above-mentioned documents for the full intent and meaning of each clause thereof

These clauses are hereinafter referred to by clause number and heading only. 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 and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the above-mentioned documents

Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"

Notwithstanding anything to the contrary contained in any of the contract documents including the Principal Building Agreement and the Preliminaries, the provision of the "Preliminaries" as hereinafter set forth shall prevail and shall take precedence

PREAMBLES FOR TRADES

The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained

Carried to Collection

R

Section 1

Bill 1

Preliminaries

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item		Quantity	Rate	Amount
	<p>Supplementary preambles to the Model Preambles covering clauses of a general nature, clauses pertaining to specific materials and amendments to clauses in the Model Preambles are incorporated in these bills of quantities to satisfy the requirements of this project</p> <p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the Model Preambles and in any supplementary preambles</p> <p>GENERAL</p> <p>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 "F", "T" or "V" as the case may be below such item, where "F" denotes a fixed amount (amount not to be varied), "T" denotes an amount variable in proportion to time and "V" denotes an amount variable in proportion to value</p> <p>SECTION A - PRINCIPAL BUILDING AGREEMENT</p> <p>Definitions (A1)</p> <p>1 Definitions and interpretation (clause 1) Fixed:..... Value Related:..... Time Related:.....</p> <p>Objective and Preparation (A2 to A14)</p> <p>2 Offer acceptance and performance (clause 2) Fixed:..... Value Related:..... Time Related:.....</p> <p>3 Documents (clause 3) F:..... V:..... T:.....</p> <p>4 Design responsibility (clause 4) F:..... V:..... T:.....</p>			
	Carried to Collection		R	
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
5	<p>Employer's agents (clause 5) F:.....V:..... T:.....</p> <p>The principal agent shall:</p> <ul style="list-style-type: none"> - monitor and control progress and scheduling - monitor all contract conditions, and - coordinate the efforts of the employer's agents, the contractor and subcontractors <p>The powers conferred on the principal agent in terms of this clause and/or the exercising of these powers shall not be construed as removing or diminishing any of the obligations of the Contractor in terms of the Principal Building Agreement, whether financial, contractual or otherwise, nor shall the exercising of these powers create any privity of contract as between the Employer or his agents on the one part and the Contractor or subcontractors or suppliers on the other part</p>	Item		
6	<p>Site representative (clause 6) F:.....V:..... T:.....</p>	Item		
7	<p>Compliance with regulations (clause 7) F:.....V:..... T:.....</p>	Item		
8	<p>Works risk (clause 8) F:.....V:..... T:.....</p>	Item		
9	<p>Indemnities (clause 9) F:.....V:..... T:.....</p>	Item		
10	<p>Works insurances (clause 10) F:..... V:..... T:.....</p>	Item		
11	<p>Liability insurances (clause 11) F:.....V:..... T:.....</p>	Item		
12	<p>Effecting insurance (clause 12) F:.....V:..... T:.....</p>	Item		
13	<p>NO CLAUSE</p>	N/A		
14	<p>Security (clause 14) F:.....V:..... T:.....</p>	Item		
	Carried to Collection		R	
	<p>Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>			

Item		Quantity	Rate	Amount
Execution (A15-A23)				
15	Preparation for and execution of the works (clause 15) F:..... V:..... T:.....	Item		
16	Access to the works (clause 16) F:..... V:..... T:.....	Item		
17	Contract instructions (clause 17) F:..... V:..... T:.....	Item		
18	Setting out of the works (clause 18) F:..... V:..... T:.....			
	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	Item		
19	Assignment (clause 19) F:..... V:..... T:.....			
	The contractor shall not cede his rights or delegate his obligations in terms of this agreement unless specifically called for by the employer	Item		
20	Nominated subcontractors (clause 20) F:..... V:..... T:.....	Item		
21	Selected subcontractors (clause 21) F:..... V:..... T:.....			
	Written proof is required from subcontract tenderers at tendering that they can meet the JBCC Selected Subcontract Agreement or other tender agreements and provide security in terms of the agreement. If the above is not provided the tender may not be accepted			
	All amounts allowed under Provisional Amounts are intended to be awarded to Selected Subcontractors	Item		
22	Employer's Direct Contractors (clause 22) F:..... V:..... T:.....	Item		
23	Contractor's Domestic Sub-Contractors (Clause 23) F:..... V:..... T:.....	Item		
	Carried to Collection		R	
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item	Quantity	Rate	Amount
Completion (A24-A30)			
24			
Practical completion (clause 24) F:..... V:..... T:.....	Item		
25			
Works completion (clause 25) F:..... V:..... T:.....	Item		
26			
Final completion (clause 26) F:..... V:..... T:.....	Item		
27			
Latent defects liability period (clause 27) F:..... V:..... T:.....	Item		
28			
Sectional completion (clause 28) F:..... V:..... T:.....	Item		
29			
Revision of date of practical completion (clause 29) F:..... V:..... T:.....			
The removal and replacement of materials and/or workmanship that do not conform to specification or drawings shall not constitute grounds for an extension of the construction period nor for an adjustment to the contract sum (clause 29.3)	Item		
30			
Penalty for non-completion (clause 30) F:..... V:..... T:.....	Item		
Payment (A31 - A35)			
31			
Interim payment to the contractor (clause 31) F:..... V:..... T:.....	Item		
32			
Adjustment to the contract value (clause 32) F:..... V:..... T:.....			
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	Item		
Carried to Collection		R	
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
33	Recovery of expense and loss (clause 33) F:..... V:..... T:.....	Item		
34	Final account and final payment (clause 34) F:..... V:..... T:.....			
	The employer shall not pay any interest on amounts payable to the contractor for one hundred and forty two (142) days after the date of issue of the certificate of practical completion			
	The employer shall, however, pay interest to the contractor at the rate stipulated in clause 34.11 on any amounts payable to the contractor more than one hundred and forty two (142) days after the date of issue of the certificate of practical completion but only for such period as the settlement of the final account is delayed by the non-performance of the principal agent or the employer or his agents. In evaluating non-performance for purposes of this clause a reasonable time shall be allowed to the employer or his agents to respond to any matter brought to his/their attention and which may affect the settlement of the final account	Item		
35	Payment to other parties (clause 35) F:..... V:..... T:.....	Item		
	Cancellation (A36-A39)			
36	Cancellation by employer - contractor's default (clause 36) F:..... V:..... T:.....	Item		
37	Cancellation by employer - loss and damage (clause 37) F:..... V:..... T:.....	Item		
38	Cancellation by contractor - employer's default (clause 38) F:..... V:..... T:.....	Item		
39	Cancellation - cessation of the works (clause 39) F:..... V:..... T:.....	Item		
	Dispute (A40)			
40	Dispute Settlement (clause 40) F:..... V:..... T:.....	Item		
	Carried to Collection		R	
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item	Quantity	Rate	Amount
<p>41 State clauses (Clause 41) F:..... V:..... T:.....</p> <p>Information necessary for the completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder</p> <p>THE SCHEDULE</p> <p>Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder</p>	Item		
<p>42 Pre-tender information (clause 42) F:..... V:..... T:.....</p> <p><u>42.1 CONTRACTING AND OTHER PARTIES</u></p> <p>42.1.1 Employer:</p> <p>Central Johannesburg College</p> <p>Postal address:</p> <p>Tel :</p> <p>Fax:</p> <p>Physical Address:</p>	Item		
Carried to Collection			R
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item	Quantity	Rate	Amount
42.1.2 Principal Agent: Shabangu Architects Postal address: Tel Fax			
42.1.3 Architect: Shabangu Architects Cell Fax			
42.1.4 Quantity Surveyor: Vumah Management (Pty) Ltd Postal address: Tel Fax			
Carried to Collection			R
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item	Quantity	Rate	Amount
42.1.5 Agents service: Structural Engineer Themba Consulting Engineers Postal address: Physical Address: Tel Fax			
42.1.6 Agents service: Civil Engineer Themba Consulting Engineers Tel Fax			
42.1.7 Agent service: Electrical Engineer Rivoningo Consulting Engineers Postal address: Physical Address: Tel Fax			
Carried to Collection		R	
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item	Quantity	Rate	Amount
<p>42.1.8</p> <p>Agents service: Mechanical & Fire</p> <p>Rivoningo Consulting Engineers</p> <p>Postal address:</p> <p>Physical Address:</p> <p>Tel</p> <p>Fax</p>			
<p><u>42.2 CONTRACT DETAILS</u></p>			
<p>42.2.1 Works Description:</p> <p>Additional Refurbishment of Existing Buildings</p>			
<p>42.2.2 Site Description:</p> <p>The site is located Alexandra</p>			
<p>42.2.3 Work or installations by direct contractors:</p> <p>N/A</p>			
<p>42.2.4 This agreement is for a government contract where there are specific options that are applicable to a State organ only</p> <p>No</p>			
<p>42.2.5 Date on which possession of the site is intended to be given:</p> <p>T/A</p>			
<p>42.2.6 Period for the commencement of the works after the contractor takes possession of the site</p> <p>10 working days</p>			
<p>Carried to Collection</p>		R	
<p>Section 1</p> <p>Bill 1</p> <p>Preliminaries</p> <p>Building Refurbishment Works</p> <p>CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>			

Item	Quantity	Rate	Amount
<p>42.2.7 For the works as a whole. Intended date of practical completion and the penalty per calendar day</p> <p style="text-align: center;">10 months after contractual commencement date</p> <p style="text-align: center;"><i>Penalty Amount</i> 3.5 cents/R100 of the contract sum per calendar day but limited to 10% of the contract value at which point the contract will be terminated.</p>			
<p>42.2.8 For the works in sections: Intended date of practical completion and the penalty per calendar day</p> <p style="text-align: center;">Section 1 .N/A..... Date R.N/A..... Penalty Amount</p>			
<p>42.2.9 The law applicable to this agreement shall be that of South Africa (country)</p>			
<p><u>42.3 INSURANCES</u></p>			
<p>42.3.1 Contract works insurance to be effected by:</p> <p style="text-align: center;"><i>Contractor:</i> For the Sum of Construction Cost + 30% With a deductible of - to be determined by the contractor</p>			
<p>42.3 INSURANCES</p>			
<p>42.3.2 Supplementary insurance is required</p> <p style="text-align: center;">No</p>			
<p>42.3.3 Public liability insurance to be effected by:</p> <p style="text-align: center;"><i>Contractor:</i> For the Sum of R 4 000 000.00 With a deductible of - to be determined by the contractor</p>			
<p><u>42.4 DOCUMENTS</u></p>			
<p>42.4.1 Waivers of contractors lien or right of continuing possession is required</p>			
<p style="text-align: right;">Carried to Collection</p>		R	
<p>Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>			

Item	Quantity	Rate	Amount
42.4.2 Number of construction document copies to be supplied to the contractor free of charge:			
<i>3 Number of</i>			
42.4.3 Bills of Quantities/Lump sum document schedule of rates drawn up in accordance with:			
"Standard System of Measuring Builders' Work"			
42.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within working days			
<i>The priced bills of quantities must be handed in with the tender</i>			
42.4.5 JBCC Engineering General Conditions are to be included in the contract documents:			
<i>No</i>			
42.4.6 The contract value is to be adjusted using escalation adjustment indices			
<i>No</i>			
Where JBCC CPAP is to be used			
42.4.7 Details of changes made to the provision of JBCC standard documentation:			
SECTION B: PRELIMINARIES			
Definitions and interpretation (B1)			
43 Definition and interpretation (B1.1 - B1.4.6) F:..... V:..... T:.....	Item		
Documents (B2)			
44 Checking of documents (B2.1) F:..... V:..... T:.....	Item		
45 Provisional bills of quantities (B2.2) F:..... V:..... T:.....	Item		
Carried to Collection		R	
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
Management of contract (B4)				
58	Management of the works (B4.1) F:..... V:..... T:.....	Item		
59	Programme for the works (B4.2) F:..... V:..... T:.....	Item		
60	Progress meetings (B4.3) F:..... V:..... T:.....	Item		
61	Technical meetings (B4.4) F:..... V:..... T:.....	Item		
62	Labour and Plant records (B4.5) F:..... V:..... T:.....	Item		
Local labour				
63	The contractor to provide for transportation of local labour for the duration of the contract. F:..... V:..... T:.....	Item		
64	The contractor to provide for safety clothing to local labours F:..... V:..... T:.....	Item		
Samples, Shop Drawings and Manufacturer's Instructions (B5)				
65	Samples of materials (B5.1) F:..... V:..... T:.....	Item		
66	Workmanship samples (B5.2) F:..... V:..... T:.....	Item		
67	Shop drawings (B5.3) F:..... V:..... T:.....	Item		
68	Compliance with Manufacturer's Instructions (B5.4) F:..... V:..... T:.....	Item		
			R	
Carried to Collection				
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
	Temporary works and plant (B6)			
69	Deposits and fees (B6.1) F:..... V:..... T:.....	Item		
70	Enclosure of the works (B6.2) F:..... V:..... T:.....	Item		
71	Advertising (B6.3) F:..... V:..... T:.....	Item		
72	Plant, equipment, sheds and offices (B6.4) F:..... V:..... T:.....	Item		
73	Main notice board (B6.5) F:..... V:..... T:.....	Item		
74	Subcontractors' notice board (B6.6) F:..... V:..... T:.....	Item		
	Temporary services (B7)			
75	Location (B7.1) F:..... V:..... T:.....	Item		
76	Water (B7.2) Option [A] shall apply F:..... V:..... T:.....	Item		
77	Electricity (B7.3) Option [A] shall apply F:..... V:..... T:.....	Item		
78	Telecommunication facilities (B7.4) F:..... V:..... T:.....	Item		
	 Carried to Collection		R	
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
79	Ablution facilities (B7.5)			
	Option [A] shall apply			
	F:..... V:..... T:.....	Item		
	Prime cost amounts (B8)			
80	Responsibility for prime cost amounts (B8.1)			
	F:..... V:..... T:.....	Item		
	Attendance on N/S Subcontractors (B9)			
81	General attendance (B9.1)			
	F:..... V:..... T:.....	Item		
82	Special attendance (B9.2)			
	F:..... V:..... T:.....	Item		
83	Commissioning - Fuel, water and power (B9.3)			
	F:..... V:..... T:.....	Item		
	Financial aspects (B10)			
84	Statutory taxes, duties and levies (B10.1)			
	F:..... V:..... T:.....	Item		
85	Payment of preliminaries (B10.2)			
	Option [B] shall apply			
	F:..... V:..... T:.....	Item		
86	Adjustment of preliminaries (B10.3)			
	Option [A] shall apply			
	F:..... V:..... T:.....	Item		
87	Payment certificate cash flow (B10.4)			
	F:..... V:..... T:.....	Item		
	Carried to Collection		R	
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
	General (B11)			
88	Protection of works (B11.1) F:..... V:..... T:.....	Item		
89	Protection/isolation of existing/sectionally occupied works (B11.2) F:..... V:..... T:.....	Item		
90	Security of the Works (B11.3) F:..... V:..... T:.....	Item		
91	Notice before covering work (B11.4) F:..... V:..... T:.....	Item		
92	Disturbance (B11.5) F:..... V:..... T:.....	Item		
93	Environmental Disturbance (B11.6) F:..... V:..... T:.....	Item		
94	Works cleaning and clearing (B11.7) F:..... V:..... T:.....	Item		
95	Vermin (B11.8) F:..... V:..... T:.....	Item		
96	Overhand work (B11.9) F:..... V:..... T:.....	Item		
97	Instruction manuals and guarantees (B11.10) F:..... V:..... T:.....	Item		
98	As built information (B11.11) F:..... V:..... T:.....	Item		
	Carried to Collection		R	
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
99	Tenant Installations (B11.12) F:..... V:..... T:.....	Item		
Schedule of variables (B12)				
100	Pre-tender information (B12.1) F:..... V:..... T:.....			
	12.1.1 Provisional bills of quantities (B2.2) The quantities are provisional:			
			Yes	
	12.1.2 Availability of construction documentation (B2.3) Construction documentation is not complete			
			No	
	12.1.3 Interest of agents (B2.4)			
	12.1.4 Defined works area (B3.1)			
	12.1.5 Geotechnical investigation (B3.2)			
			Yes	
	12.1.6 Existing premises occupied (B3.4)			
	12.1.7 Previous work - dimensional accuracy (B3.4)			
	12.1.8 Previous work - defects (B3.5)			
	12.1.9 Services - known (B3.7)			
	12.1.10 Protection of trees (B3.9) All trees should be protected and only on instruction of the Principal Agent may any trees be removed			
	12.1.11 Inspection of adjoining properties (B3.11)			
	12.1.12 Enclosure of the works (B6.2)			
	12.1.13 Offices (B6.4.3) An office for the clerk of works should be provided			
	Carried to Collection			
	Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS		R	

Item	Quantity	Rate	Amount
12.1.14 Main notice board (B6.5)			
		Yes	
12.1.15 Subcontractors notice board (B6.6) A notice board is required			
		No	
12.1.16 Water (B7.2) Alternative Selected: A			
12.1.17 Electricity (B7.3) Alternative selected: A			
12.1.18 Telecommunications (B7.4)			
12.1.19 Ablution facilities (B7.5) Alternative selected: A			
12.1.20 Protection of existing/sectionally occupied works (B11.2)			
12.1.21 Special attendance (B9.2)			
Subcontractor (1) details: N/A			
12.1.22 Protection of the works (B11.1) N/A			
12.1.23 Disturbance (B11.5) N/A			
12.1.24 Environmental Disturbance (B11.6) N/A			
Post tender information (B12.2)			
12.2.1 Payment of preliminaries Alternative selected: B			
12.2.2 Adjustment of preliminaries Alternative selected: A			
12.2.3 Additional agreed preliminaries items N/A			
Carried to Collection		R	
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item	Quantity	Rate	Amount
SECTION C: SPECIFIC PRELIMINARIES			
Any special items to meet the particular circumstances of a specific project are embodied in this section. Where required for an aspect of the works to be executed according to a design by a consulting engineer, a recital of the headings to the individual clauses of the JBCC Engineering General Conditions are included			
101	Black economic empowerment and training	Item	
	F:..... V:..... T:.....		
102	Proprietary branded products	Item	
	F:..... V:..... T:.....		
The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instructions after consultation with the manufacturer's authorised representative			
103	Contract instructions	Item	
	F:..... V:..... T:.....		
Contract instructions issued on site are to be recorded in triplicate in a contract instruction book which is to be supplied and maintained on site by the contractor			
104	Labour record	Item	
	F:..... V:..... T:.....		
At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and descriptions of tradesmen and labourers employed by him and all subcontractors on the works each day of that week			
105	Plant record	Item	
	F:..... V:..... T:.....		
At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools used on the works each day of that week			
Carried to Collection			R
Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
106	<p>Guarantees</p> <p>F:..... V:..... T:.....</p> <p>Where guarantees are called for, the contractor shall obtain a written guarantee, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The guarantee shall state that workmanship, materials and installation are guaranteed for a specified period from the date of certified completion of the contract, and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice from the principal agent to do so. This guarantee will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor. The principal agent shall be the sole judge of the cause responsible for defects in the work and his decision shall be final and binding in terms of clause 40.2 of the agreement</p>	Item		
107	<p>Overtime</p> <p>F:..... V:..... T:.....</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised, in writing, prior to execution thereof, that costs for such overtime are to be borne by the employer</p>	Item		
108	<p>Co-operation of contractor for cost management</p> <p>F:..... V:..... T:.....</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the professional consultants in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The quantity surveyor undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedures to be implemented and the contractor will attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures in regard to all subcontractors</p>	Item		
	Carried to Collection		R	
	<p>Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>			

Item		Quantity	Rate	Amount
109	<p>Occupational Health and Safety Specification</p> <p>F:..... V:..... T:.....</p> <p>Any Principal Contractor entering into a contract with The Developer must achieve an acceptable level of Occupational Health and Safety performance. Refer to "Project Specification" and "Safety, Health and Environmental Evaluation Questionnaire" The contractor to comply with all provisions of the above and to be enforced on all selected and or other sub-contractors, as no claim afterwards will be entertained</p>	Item		
110	<p>Obligatory Sub-contracting and Training</p> <p>F:..... V:..... T:.....</p> <p>The Principal Agent shall call for tenders for Sub-Contractors. The Department of Public Works data base of registered Contractors shall be used where possible.</p> <p>The Principal Agent and the Contractor shall provide for sections of the proposed tender to be subcontracted to a Domestic Sub-Contractor. The Principal Agent and the Contractor shall at all times make sure that the work complies with the relevant specifications, standards and norms as contained in this tender.</p> <p>The Principal Agent and the Contractor shall provide for the necessary skills transfer and assistance to complete the subcontracted section of the works.</p> <p>The Principal Agent and the Contractor shall provide the necessary documentation to the Domestic Sub-Contractor for upgrading of the rating by CIDB.</p> <p>BEE Sub-Contractors must be 100% black owned and be locally based</p>			
Carried to Collection			R	
<p>Section 1 Bill 1 Preliminaries Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>				

Section 1

Bill 1

Preliminaries

Collection

Page No

Amount

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

Carried Forward

R

Section 1

Bill 1

Preliminaries

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Section 1

Bill 1

Preliminaries

Collection

Page No

Amount

R

22

Carried to Final Summary

R

Section 1

Bill 1

Preliminaries

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item		Quantity	Rate	Amount
5	<p>The contractor shall provide, erect, maintain and afterwards remove all hoists, tarpaulins, fans, weatherproofing and dustproof screens and drop sheets or other methods of protection and provide any drains, trenches, etc., as directed or as may be necessary or as may be required by the authorities to properly -protect from damage to the works, materials and property whether of the employer, other owners or the general public, and secure the safety and freedom from injury of all persons. The contractor shall provide similar protection to protect the inside of existing structures during the progress of the work, taking particular care when existing roofs are altered. Any damage caused by storms, surface water or water from other causes or by inclement weather or by other causes shall be made good at the contractors expense.</p>	Item		
6	<p>The contractor is to allow for watering the works with a jet or spray from a hose, sufficient to prevent any nuisance from dust.</p>	Item		
7	<p>The contractor shall provide and erect all casings and protection for and cover up all existing fittings, doors, windows, joinery work, walls, floors, etc., not disturbed during the alterations and clear away and make good on completion.</p>	Item		
8	<p>The contractor shall provide, erect and remove when directed all casings temporary roof coverings, tarpaulins, dust covers and weatherproof screens and barriers that may be necessary as protection against inclement weather or other damage to the architect's satisfaction.</p>	Item		
9	<p>The contractor shall provide, erect and remove when directed all incidental shoring, needling, strutting, etc., that may be necessary while carrying out any portion of the works to ensure stability of the premises with suitable and substantial timber and other materials. Prices for all items of demolition to form openings shall include for the provision of such support.</p>	Item		
10	<p>Allow for the giving of notice to the proper authorities to disconnect the existing water supply, drain pipes, fire mains or other piping that may be encountered and for sealing pipes as required during the course of the demolitions, all to the satisfaction of the architect to whom due notice is to be given of all alterations to existing services. Pay all fees and costs in connection therewith. Allow for temporary work so that services to existing premises are maintained.</p>	Item		
11	<p>The contractor shall allow for liaison, co-ordinating, working with, programming and sequencing work to suit the programmes of the other direct contractors on site.</p>	Item		
Carried to Collection			R	
<p>Section 2 Bill 1 Alterations (Provisional) Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS</p>				

Item		Quantity	Rate	Amount
DEMOLITION AND ALTERATION WORK				
REMOVAL OF EXISTING WORK				
<u>Take down and remove existing roof covering</u>				
12	Existing roof sheeting	m ²	678	
<u>Take down and remove existing 230mm brickwall</u>				
13	230mm brick wall	m ²	7	
<u>Take down and remove existing ceiling</u>				
14	Ceilings	m ²	1,003	
<u>Take out and remove existing doors and make good</u>				
15	813 x 2032mm High door	No	15	
<u>Take out and remove existing sanitary fitting and make good</u>				
16	Sanitary fitting variety	No	21	
<u>Take out and remove existing old shelving and joinery and make good</u>				
17	All joinery and shelving		Item	
<u>Hacking up/off and removing ceramic tile floor and wall finishes, including removing mortar bed or backing from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>				
18	Existing floor tiles to receive new floor tiles	m ²	1,154	
PREPARATORY WORK TO EXISTING SURFACES				
<u>Sundries:</u>				
19	Cutting toothings and bonding new brickwork to existing	m ²	84	
<u>Hacking up/off and removing existing pilling off paint to painted surface, including cleaning and preparing to receive new paint:</u>				
20	Brick walls	m ²	2,670	
Carried to Collection				R
Section 2				
Bill 1				
Alterations (Provisional)				
Building Refurbishment Works				
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
	<u>Hacking up/off and removing existing plaster and paint including cleaning</u>			
21	Brick walls	m ²	2,670	
	<u>Hacking up/off and removing existing screeds from concrete and prepare surface for new screeds, etc</u>			
22	On floors	m ²	1,878	
	MAKING GOOD OF FINISHES ETC			
	<u>Making good existing ceiling where internal walls were removed including repainting, etc:</u>			
23	Concrete ceiling	m	29	
	CLEANING AND SERVICING OF EXISTING WORK, ETC			
	<u>Cleaning up and unblocking, making good and serving of existing plumbing piping:</u>			
24	First fix piping	m	28	
	OPENINGS THROUGH EXISTING WALLS ETC			
	<u>Altering openings</u>			
25	Building up opening in brick wall where door 813 x 2032mm high overall by breaking out brickwork on both sides an bottom, including making good plaster on one side and into reveals.	No	1	
26	Cutting through concrete for opening window 1500 x 900mm high overall by breaking out on both concrete sides, including making good plaster on one side and into reveals.	No	3	
	Carried to Collection			R
	Section 2			
	Bill 1			
	Alterations (Provisional)			
	Building Refurbishment Works			
	CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Section 2

Bill 1

Alterations (Provisional)

Collection

Page No

Amount

25

26

27

28

Carried to Summary

R

Section 2

Bill 1

Alterations (Provisional)

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item	Quantity	Rate	Amount
<u>SECTION 2</u>			
<u>BILL NO. 2</u>			
<u>MASONRY</u>			
<u>Note:</u>			
1.	The Tenderer is advised to refer to the Model Preambles before pricing this Bill		
2.	Works below Surface bed level are included under Section 2 Bill 13 - External works		
<u>SUPERSTRUCTURE BRICKWORK</u>			
ORDINARY NON-LOAD BEARING BRICKWORK			
<u>Brickwork of NFPE bricks (17MPa nominal compressive strength) in class I mortar in loadbearing walls etc</u>			
1	Half brick wall	m ²	15
2	One brick wall to patches	m ²	28
BRICKWORK SUNDRIES			
<u>Brickwork reinforcement:</u>			
3	75 mm Wide reinforcement built in horizontally	m	126
<u>Galvanised hoop iron cramps, ties, etc.:</u>			
4	30 x 1,6 mm Wall tie 500 mm long with both ends built into brickwork	No	44
Carried to Summary			R
Section 2 Bill 2 Masonry Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
<u>SECTION 2</u>				
<u>BILL NO. 3</u>				
<u>ROOF COVERINGS ETC</u>				
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 124 for CPAP formula purposes				
PROFILED METAL SHEETING AND ACCESSORIES				
<u>0,6mm "IBR" Z275 spelter galvanised troughed sheet steel in single lengths fixed to timber purlins and 0,6mm galvanised sheet steel accessories</u>				
1	Roof covering with pitch not exceeding 25 degrees	m ²	678	
2	Ridge capping 450mm girth	m	58	
3	Side wall flashings 308mm girth	m	68	
ROOF AND WALL INSULATION				
"Sisalation 410" housing grade glass fibre reinforced aluminium foil bonded insulation				
4	Insulation laid taut over rafters (at approximately 1200mm centres) and fixed concurrent with battens, purlins, etc	m ²	678	
Carried to Summary				R
Section 2 Bill 3 Roofs Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item

Quantity

Rate

Amount

SECTION 2

BILL NO. 4

CARPENTRY AND JOINERY

Note:

1. The Tenderer is advised to refer to the Model Preambles and SABS 1200 before pricing this Bill
2. Works below Surface bed level are included under Section 2 Bill 13 - External Works
3. All boards, rails, frames, etc. shall include all associate mitres, trimming to size, temporary holding in position and fixing complete
4. All timber must be protected from rot attack by fungi and insects by having been treated in accordance with SABS 1200

DOORS, ETC.

Solid meranti core doors hung to steel frames:

1	40 mm Solid door 813 x 2 032 mm high	No	12
2	40 mm Solid exterior door 813 x 2 032 mm high	No	4
3	40mm Double door 1 613 x 2 032mm high with rebated meeting edges	No	1

Carried to Summary

R

Section 2
Bill 4
Carpentry and Joinery
Building Refurbishment Works
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item

Quantity

Rate

Amount

SECTION 2

BILL NO. 5

METALWORK

For preambles see "Model Preambles for Trades"

SUPPLEMENTARY PREAMBLES

Primer

All surfaces of steelwork to be painted with one coat approved factory primer before leaving the workshop of the Manufacturer and all scratches, chips or blemishes to be made good on site after erection. All rates tendered must make provision for this as no claim will afterwards be entertained

Descriptions

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.

PRESSED STEEL DOOR FRAMES

Single rebate standard steel pressed metal door frames suitable for one brick walls

1

Frame for door 813 x 2100mm high

No

10

WELDED SCREENS, GATES, ETC

Carried to Collection

R

Section 2

Bill 5

Metalwork

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item		Quantity	Rate	Amount
<u>Security gates to steel door frames</u>				
2	Single gate 813 x 2 032mm high of 40 x 60 x 2,5mm hollow section frame with two 40 x 6mm flat section horizontal rails filled in with 12mm diameter vertical rails at 100mm centres fitted with one and a half pairs of suitable pin hinges welded to steel door frame, complete with and including five lever security lock	No	9	
3	Double security gate and frame 1 680 x 2 150mm high overall the outer frame of 45 x 45 x 3mm hollow sections bolted to walls with and including eight 70mm M8 expansion bolts and the gate 1 590 x 2 130mm high, each leaf of 40 x 60 x 2mm hollow section frame with two 40 x 6mm flat section horizontal rails filled in with 12mm diameter vertical rails at 130mm centres and fitted with one and a half pairs of suitable pin hinges welded to hollow section frame, complete with and including barrelbolts and padlock plates welded on (see details 4, DS7, DS 8 and DS 9 at the back of these bills of quantities)	No	1	
Carried to Collection				R
Section 2 Bill 5 Metalwork Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Section 2

Bill 5

Metalwork

Collection

Page No

33

34

Amount

Carried to Summary

R

Section 2

Bill 5

Metalwork

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item		Quantity	Rate	Amount
SECTION 2				
BILL NO. 6				
CEILINGS, PARTITIONS AND ACCESS FLOORING				
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 129 for CPAP formula purposes				
SUPPLEMENTARY PREAMBLES				
<u>Descriptions:</u>				
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete				
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere				
NAILED UP CEILINGS				
<u>6,4mm "Rhino" or other equal and approved gypsum plasterboard with H-type pressed steel jointing strips</u>				
1	Ceilings including 38 x 38mm sawn softwood branderung at 400mm centres	m ²	1,003	
2	Extra over ceiling for 650 x 650mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	4	
<u>"Rhino" or other equal and approved gypsum plasterboard cornices</u>				
3	75mm Coved cornices	m	295	
Carried to Summary				R
Section 2 Bill 6 Ceilings, Partitioning, etc Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item	Quantity	Rate	Amount
SECTION 2			
BILL NO. 7			
IRONMONGERY			
NOTE :			
Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 132 for CPAP formula purposes			
SUPPLEMENTARY PREAMBLES			
<u>Finishes to ironmongery</u>			
Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:			
BS Satin bronze lacquered CH Chromium plated			
SC Satin chromium plated			
SE Silver enamelled			
GE Grey enamelled			
AS Anodised silver			
AB Anodised bronze			
AG Anodised gold			
ABL Anodised black			
PB Polished brass			
PL Polished and lacquered			
PT Epoxy coated			
SD Sanded			
NP Nickle plated			
HINGES, BOLTS, ETC.			
<u>"Union"</u>			
1	"8052-150NP" flush bolt with keep fixed to metal	No	25
2	"CZ80941" WC indicator bolt with keep fixed to timber	No	23
WINDOW STAYS			
<u>"Union"</u>			
3	New window stays to existing windows	No	7
LOCKS			
Carried to Collection			R
Section 2			
Bill 7			
Ironmongery			
Building Refurbishment Works			
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
	<u>"Union"</u>			
4	"CZ682-06SC/26310-76SC" latchset	No	14	
5	"CZ682-73SC/22314-76SC" bathroom lockset with striking plate fixed to metal	No	8	
6	"CZ682-24SC/2295-76SC" or other equal and approved two lever lockset with striking plate fixed to metal	No	15	
7	"CZ682-24SC/2261-76SC" or other equal and approved four lever lockset with striking plate fixed to metal	No	10	
8	7 Lever security key	No	6	
	HANDLES			
	<u>"Dorma"</u>			
9	"dks-ss-161" Stainless steel kickplate size 813 x 300mm fixed to timber	No	7	
	LETTERS, NAMEPLATES, ETC			
	<u>"Union"</u>			
10	"AL5022-E10" 150 x 150mm anodised aluminium plate with male symbol	No	3	
11	"AL5022-E11" 150 x 150mm anodised aluminium plate with female symbol	No	3	
12	"AL5022-E14" 150 x 150mm anodised aluminium plate with paraplegic symbol	No	1	
13	"AL5022-E06" 150 x 150mm anodised aluminium plate with fire extinguisher symbol	No	6	
	"BATHROOM FITTINGS"			
14	Lockable toilet roll holder plugged	No	6	
	<u>"Stiebel Eltron"</u>			
15	"PTFS-S" Paper towel dispenser plugged	No	6	
	Carried to Collection			R
	Section 2			
	Bill 7			
	Ironmongery			
	Building Refurbishment Works			
	CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
16	"SDSS" Soap dispenser plugged <u>"Nampak"</u>	No	6	
17	"TR2" lockable toilet roll holder plugged <u>"Chairman Industries"</u>	No	6	
18	32mm Type DL2 side grab rail plugged	No	2	
19	32mm Type SR2 rear grab rail plugged	No	2	
GRANITE VANITY SLABS				
<u>"Black Rustenburg granite stone"</u>				
20	100mm Thick smooth polished granite top	m ²	12	
21	Extra over granite top in circular cutting for drop-in sink to a 780mm diameter	No	8	
Carried to Collection				R
Section 2 Bill 7 Ironmongery Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Section 2

Bill 7

Ironmongery

Collection

Page No

Amount

37

38

39

Carried to Summary

R

Section 2

Bill 7

Ironmongery

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item	Quantity	Rate	Amount
SECTION 2			
BILL NO. 8			
PLASTERING			
<u>Note:</u>			
1.	The Tenderer is advised to refer to the Model Preambles and SABS 1200 before pricing this Bill		
2.	Works below Surface bed level are included under Section 2 Bill 13 - External Works		
SCREEDS			
<u>Screeds on concrete</u>			
1	25mm Thick on floors	m ²	1,214
INTERNAL PLASTER			
<u>Cement plaster on brickwork</u>			
2	On walls	m ²	2,620
3	On narrow widths.	m ²	274
<u>Making good internal cement plaster, including any necessary hacking off and jointing to existing:</u>			
4	Walls in patches	m ²	25
<u>Cement plaster on concrete ceiling to patches</u>			
5	On ceilings	m ²	
CORNER PROTECTORS, DIVIDING STRIPS, ETC			
6	Brass edge trim dividing strip between different floor finishes	m	135
Carried to Summary			R
Section 2 Bill 8 Plastering Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
SECTION 2				
BILL NO. 9				
TILING				
NOTES:				
The Tenderer is advised to refer to the Trade Preambles before pricing this Bill				
WALL TILES				
<u>600 x 600 x 8mm Thick porcelain tiles (PC Amount R300/m2) in matt finish, laid to approved pattern and fixed with adhesive to plaster (plaster elsewhere) including flush pointed with tinted grout</u>				
1	On walls	m ²	103	
2	In narrow widths	m ²	35	
FLOOR TILES				
<u>600 x 600 x 9mm Thick porcelain tiles (PC Amount R350/m2) in matt finish, laid to approved pattern and fixed with adhesive to screed (screed elsewhere) including flush pointed with tinted grout</u>				
3	On floors	m ²	1,214	
4	Skirting 100mm high	m	464	
ALUMINIUM AND PVC TRIMS, ETC.				
5	'Genesis ESA 150' natural anodised aluminium straight edge protector 12mm high at junction of differing floor finishes, plugged and screwed	m	140	
Carried to Summary				R
Section 2 Bill 9 Tiling Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item	Quantity	Rate	Amount
<u>SECTION 2</u>			
<u>BILL NO. 10</u>			
<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
<u>Note:</u>			
1. The Tenderer is advised to refer to the Model Preambles before pricing this Bill			
2. Works below Surface bed level are included under Section 2 Bill 13 - External works			
SANITARY FITTINGS			
<u>"Vaal"</u>			
1 Oval Vitreous China 485 x 580mm wash hand vanity fitted drop-in basin	No	10	
2 Floor mounted vitreous china close couple syphonic WC pan with " P" trap horizontal outlet by BETTA and universal cistern front flush fixed to pan with bolts by BETTA	No	8	
3 Floor mounted vitreous china close couple syphonic Paraplegic WC pan with " P" trap horizontal outlet by BETTA and universal cistern front flush fixed to pan with bolts by BETTA	No	4	
WASTE UNIONS, ETC.			
4 32mm Basin waste union with plug and chain	No	12	
5 32mm 303 Chrome plated basin waste union with anti-theft plug	No	12	
TRAPS, ETC.			
<u>Equal and approved</u>			
6 40mm Anti-vac bottle trap	No	12	
<u>Chromium plated</u>			
7 32 x 32mm Bottle trap	No	12	
Carried to Collection			R
Section 2 Bill 10 Plumbing and Drainage (Provisional) Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Item		Quantity	Rate	Amount
TAPS, VALVES, ETC.				
<u>Equal and approved</u>				
8	15mm 058CP Extension piece 75mm long	No	12	
9	15mm 232-10 CP Angle regulating valve, supply tube and cap nut	No	12	
10	15mm 1001/125RB Fullway gate valve	No	12	
11	15mm 100 RB Bibtap	No	12	
12	PA 1.1L + RB Approved 200 kPa pressure reducing valve with PB1.1RB vacuum breaker	No	10	
13	PA 1.1RB Approved 400 kPa pressure reducing valve	No	10	
SANITARY PLUMBING				
<u>uPVC pipes</u>				
14	40mm Pipes	m	20	
15	110mm Pipes	m	20	
<u>Extra over uPVC pipes for fittings</u>				
16	40mm Bend	No	12	
17	40mm Access bend	No	12	
18	40 mm Access junction	No	12	
19	110mm Pan connector	No	12	
20	110 mm Bend	No	12	
21	110 mm Access bend	No	12	
22	110 mm Access junction	No	12	
23	110 mm Stub stack with one 50mm junction	No	12	
24	110 mm Access reducing junction	No	12	
Carried to Collection				R
Section 2				
Bill 10				
Plumbing and Drainage (Provisional)				
Building Refurbishment Works				
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
25	110 mm Stub stack with one 110mm junction	No	12	
26	110mm Vent valve	No	12	
27	100 x 100 x 50mm Access reducing junction	No	12	
WATER SUPPLIES				
<u>Class "O" copper pipes</u>				
28	15mm Pipes in wall	m	18	
29	22mm Pipes in wall	m	21	
<u>Extra over class "O" copper pipes for capillary fittings</u>				
30	15mm Fittings	No	12	
31	22mm Fittings	No	12	
32	28mm Fittings	No	12	
<u>Copper overflow and service pipes</u>				
33	15mm Service pipe 450mm girth	No	12	
34	22mm Service pipe 450mm girth	No	12	
TESTING				
35	Provide all necessary apparatus, water, etc. and allow for testing the whole of the plumbing and drainage work in Parts and Sections as completed and/or handed over to the satisfaction of the Architect and Local Authorities. All defective work is to be taken out and replaced at the Contractor's expense and the whole retested until found perfect.			
		Item		
Carried to Collection				R
Section 2				
Bill 10				
Plumbing and Drainage (Provisional)				
Building Refurbishment Works				
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Section 2

Bill 10

Plumbing and Drainage (Provisional)

Collection

Page No

Amount

43

44

45

Carried to Summary

R

Section 2

Bill 10

Plumbing and Drainage (Provisional)

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item		Quantity	Rate	Amount
SECTION 2				
BILL NO. 11				
GLAZING				
<u>Note:</u>				
1. The Tenderer is advised to refer to the Model Preambles before pricing this Bill				
2. Works below Surface bed level are included under Section 2 Bill 13 - External works				
GLAZING TO STEEL WITH PUTTY				
<u>6mm Normal strength clear laminated safety glass</u>				
1	Panes exceeding 0,5m2 and not exceeding 2m2	m ²	6	
TOPS, SHELVES, DOORS, MIRRORS, ETC				
<u>4mm Silvered float glass copper backed mirrors with 10mm bevelled and polished edges fixed with double sided adhesive tape</u>				
<u>4mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>				
2	Mirror 450 x 750 High wall mirror	No	6	
Carried to Summary				R
Section 2 Bill 11 Glazing Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item	Quantity	Rate	Amount
SECTION 2			
BILL NO. 12			
PAINTWORK			
<u>Note:</u>			
1.	The Tenderer is advised to refer to the Model Preambles before pricing this Bill		
2.	Works below Surface bed level are included under Section 2 Bill 13 - External works		
ON FLOATED PLASTER			
<u>One coat alkali resistant primer, one undercoat and two coats interior quality PVA emulsion paint</u>			
1	On internal walls	m ²	2,624
ON PLASTER BOARD			
<u>One coat primer and two coats interior quality PVA emulsion paint</u>			
2	On ceilings and cornices	m ²	1,003
ON CONCRETE SOFFIT			
<u>One coat primer and two coats interior quality PVA emulsion paint</u>			
3	On concrete ceilings	m ²	
ON METAL			
<u>Spot priming defects in pre primed surfaces with zinc chromate primer and applying one undercoat and two coat high gloss enamel paint on steel</u>			
4	Door frames	m ²	33
ON WOOD			
Carried to Collection			R
Section 2 Bill 12 Paintwork Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Section 2

Bill 12

Paintwork

Collection

Page No

48

49

Amount

Carried to Summary

R

Section 2

Bill 12

Paintwork

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Item	Quantity	Rate	Amount
<u>SECTION 2</u>			
<u>BILL NO. 13</u>			
<u>BUILDERS WORK IN CONNECTION WITH SERVICES</u>			
<u>Note:</u>			
1. The Tenderer is advised to refer to the Model Preambles and SABS 1200 before pricing this Bill			
2. Works below Surface bed level are included under Section 2 Bill 13 - External Works			
<u>BUILDER'S WORK</u>			
<u>Chases:</u>			
1 Chase wall horizontally for pipe not exceeding 50 mm diameter and make good after installation	m	13	
2 Chase wall vertically for pipe not exceeding 50 mm diameter and make good after installation	m	9	
<u>Holes:</u>			
3 Cut or form hole through 110 mm brick wall for pipe not exceeding 100 mm diameter and make good after installation	No	16	
<u>SLEEVES</u>			
<u>Plastic sleeves for pipes not exceeding 100 mm diameter:</u>			
4 Sleeve not exceeding 250 mm long	No	13	
5 Sleeve exceeding 250 mm and not exceeding 500 mm long	No	11	
Carried to Summary			R
Section 2 Bill 13 Builderswork in connection with services Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS			

Bill No	<u>SECTION SUMMARY - Building Works</u>	Page No	Amount
1	Alterations (Provisional)	29	
2	Masonry	30	
3	Roofs	31	
4	Carpentry and Joinery	32	
5	Metalwork	35	
6	Ceilings, Partitioning, etc	36	
7	Ironmongery	40	
8	Plastering	41	
9	Tiling	42	
10	Plumbing and Drainage (Provisional)	46	
11	Glazing	47	
12	Paintwork	50	
13	Builderswork in connection with services	51	
	Carried to Final Summary		
	Section 2 Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS		R

Item		Quantity	Rate	Amount
<u>SECTION 3</u>				
<u>BILL NO. 1</u>				
<u>PROVISIONAL SUMS, BUDGETARY ALLOWANCES, ETC.</u>				
<u>Note:</u>				
1.	The following budgetary allowances are for work to be designed by the Architect, executed by the Contractor and measured and valued by the Quantity Surveyor in terms of Clause 28 of the Conditions of the Contract.			
2.	All Provisional Sums are nett and do not include a 5% cash discount to the Contractor.			
3.	Under no circumstances may any Provisional Sum be extended at an amount lower than the amount stated.			
4.	Unless specific percentage mark-ups for profit and attendance are indicated in the Rate column, the amount priced by the Contractor for profit and attendance against each Provisional Sum shall be deemed to be lump sum prices and shall not be adjusted unless the scope of the sub-contract varies significantly.			
Joinery Works				
1	Provide the sum of R 55 000,00 (Fifty Five Thousand Rand) for the Joinery Works to Block D Building	Item		
2	Profit	Item		
3	Attendance	Item		
4	Provide the sum of R 15 000,00 (Fifteen Thousand Rand) for the Joinery Works to Computer Room	Item		
5	Profit	Item		
Carried to Collection			R	
Section 3 Bill 1 Provisional Sums Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
22	Provide the sum of R 105 000,00 (One Hundred and Five Thousand Rand) for the Electrical Installation to Caretaker Building	Item		
23	Profit	Item		
24	Attendance	Item		
25	Provide the sum of R 160 000,00 (One Hundred and Sixty Thousand Rand) for the Electrical Installation to Hall Building	Item		
26	Profit	Item		
27	Attendance	Item		
28	Provide the sum of R 70 000,00 (Seventy Thousand Rand) for the Electrical Installation to Administration Building	Item		
29	Profit	Item		
30	Attendance	Item		
	ICT & Security Installation			
31	Provide the sum of R 80 000,00 (Eighty Thousand Rand) for the ICT & Security Installation to Block D Building	Item		
32	Profit	Item		
33	Attendance	Item		
34	Provide the sum of R 100 000,00 (One Thousand Rand) for the ICT & Security Installation to Caretaker Building	Item		
35	Profit	Item		
36	Attendance	Item		
	Carried to Collection		R	
Section 3				
Bill 1				
Provisional Sums				
Building Refurbishment Works				
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
37	Provide the sum of R 26 000,00 (Twenty Six Thousand Rand) for the ICT & Security Installation to Computer Room Building	Item		
38	Profit	Item		
39	Attendance	Item		
40	Provide the sum of R 150 000,00 (One Hundred and Fifty Thousand Rand) for the ICT & Security Installation to Hall Building	Item		
41	Profit	Item		
42	Attendance	Item		
43	Provide the sum of R 68 000,00 (Sixty Eight Thousand Rand) for the ICT & Security Installation to Administration Building	Item		
44	Profit	Item		
45	Attendance	Item		
	Fire Services Installation			
46	Provide the sum of R 10 000,00 (Ten Thousand Rand) for the Fire Services Installation to Block D Building	Item		
47	Profit	Item		
48	Attendance	Item		
49	Provide the sum of R 2 500,00 (Two Thousand Five Hundred Rand) for the Fire Services Installation to Fire Services Installation to Computer Room Building	Item		
50	Profit	Item		
51	Attendance	Item		
	Carried to Collection		R	
Section 3				
Bill 1				
Provisional Sums				
Building Refurbishment Works				
CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Item		Quantity	Rate	Amount
52	Provide the sum of R 6 000,00 (Six Thousand Rand) for the Fire Services Installation to Caretaker Building	Item		
53	Profit	Item		
54	Attendance	Item		
55	Provide the sum of R 10 000,00 (Ten Thousand Rand) for the Fire Services Installation to Hall Building	Item		
56	Profit	Item		
57	Attendance	Item		
58	Provide the sum of R 10 000,00 (Ten Thousand Rand) for the Fire Services Installation to Administration Building	Item		
59	Profit	Item		
60	Attendance	Item		
	Carried to Collection		R	
Section 3 Bill 1 Provisional Sums Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS				

Section 3

Bill 1

Provisional Sums

Collection

Page No

Amount

53

54

55

56

57

Carried to Final Summary

R

Section 3

Bill 1

Provisional Sums

Building Refurbishment Works

CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS

Section No	FINAL SUMMARY	Page	Amount
1	Preliminaries	24	
2	Building Works	52	
3	Provisional Sums	58	
	Sub total		R
	<u>Contingencies</u>		
	Allow the sum of R 450,000.00 (Four Hundred and Fifty Thousand Rands) for Contingencies to be used at the discretion of the Project Manager and to be deducted in whole or in part if not required	Item	450,000.00
	Sub-total		R
	Value Added Tax (15%)		R
	Sub-total		R
	Carried to Form of Tender		R
	Building Refurbishment Works CENTRAL JOHANNESBURG COLLEGE - ALEXANDRA CAMPUS		