

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 1</u>			
<u>PRELIMINARIES</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
<p>The agreement is to be the JBCC Series 2000 Principal Building Agreement, 6.2 Edition May 2018, and other contract documents that together form the contract between the employer and contractor</p>			
<p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p>			
<p>The ASAQS Preliminaries (March 2014 edition) published by the Association of South African Quantity Surveyors for use with the JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities</p>			
<p>The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause</p>			
<p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this agreement 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 to the contrary contained in the abovementioned documents</p>			
<p>Where any item is not relevant to this agreement such item is marked N/A (signifying "not applicable")</p>			
Carried Forward			
<p>Section No. 1 Bill No. 1 Preliminaries</p>			
		R	

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward

R

PREAMBLES FOR TRADES

The Model Preambles for Trades (2008 edition) as published by the Association of 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 Model Preambles

The **contractor's** prices for all items throughout these **bills of quantities** shall take account of and include for all of the obligations, requirements and specifications given in the Model Preambles and in any supplementary preambles

PRICING OF PRELIMINARIES

Should the **contractor** select Option A in terms of clause 26.9.4 of the **contract data** 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)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Interpretation

1 Definitions and Interpretation (Clause 1)

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

Item

Carried Forward

R

Section No. 1
Bill No. 1
Preliminaries

	Brought Forward		R
2	<p>Law, Regulations and Notices (Clause 2)</p> <p>Health and safety</p> <p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification</p> <p>The contractor shall:</p> <ol style="list-style-type: none"> 1. Comply to all OHS requirements stipulated in the Occupational Health and Safety Act 85 of 1993 (Construction Regulations) 2. Comply with the health and safety specification for the works 3. Prepare and agree with the health and safety consultant the health and safety plan for the works 4. Co-operate with the health and safety consultant in all respect 5. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification 6. Conform to the conditions contained in the employer's safety specification <p>On appointing any other contractor, in order to ensure compliance with the provisions of the Act:</p> <ul style="list-style-type: none"> · Provide contractors who are tendering to perform construction work for the principal contractor, with the relevant sections of the health and safety specifications contemplated pertaining to the construction work which has to be performed · Make sufficient provision for health and safety measures during the construction process · Ensure that no contractor is appointed to perform construction work unless the principal 		
	Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

	Brought Forward		R	
	contractor is reasonably satisfied that the contractor that he or she intends to appoint, has the necessary competencies and resources to perform the construction work safely.			
	· Ensure all OHS required legislation is in place prior to work commencing			
	F:..... V:..... T:.....	Item		
3	Offer and Acceptance (Clause 3)			
	F:..... V:..... T:.....	Item		
4	Cession and Assignment (Clause 4)			
	F:..... V:..... T:.....	Item		
5	Documents (Clause 5)			
	F:..... V:..... T:.....	Item		
6	Employer's Agents (Clause 6)			
	F:..... V:..... T:.....	Item		
7	Design Responsibility (Clause 7)			
	F:..... V:..... T:.....	Item		
	<u>Insurance and Security</u>			
8	Works Risk (Clause 8)			
	F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

	Brought Forward		R	
9	Indemnities (Clause 9)			
	F:..... V:..... T:.....	Item		
10	Insurances (Clause 10)			
	F:..... V:..... T:.....	Item		
11	Security (Clause 11) Refer to Contract Data for specifics			
	F:..... V:..... T:.....	Item		
	<u>Execution</u>			
12	Obligations of the Parties (Clause 12)			
	F:..... V:..... T:.....	Item		
13	Setting out (Clause 13)			
	Encroachments			
	The contractor shall notify the principal agent if any encroachment of adjoining foundations, buildings, structures, pavements, boundaries, services, etc exist in order that the necessary arrangements may be made for the rectification of any such encroachments			
	F:..... V:..... T:.....	Item		
14	Nominated Subcontractors (Clause 14)			
	F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward		R	
15	<p>Selected Subcontractors (Clause 15)</p> <p>F:..... V:..... T:.....</p>	Item	
16	<p>Direct Contractors (Clause 16)</p> <p>Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials</p> <p>Allow the use of personnel welfare facilities, where provided</p> <p>Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation</p> <p>Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right while it remains erected on the site [16.1]</p> <p>F:..... V:..... T:.....</p>	Item	
17	<p>Contract instructions (Clause 17)</p> <p>Site Instructions</p> <p>Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor</p> <p>F:..... V:..... T:.....</p> <p><u>Completion</u></p>	Item	
18	<p>Interim Completion (Clause 18)</p> <p>F:..... V:..... T:.....</p>	Item	
Carried Forward		R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
19	Practical Completion (Clause 19)		
	F:..... V:..... T:.....	Item	
20	Completion in sections (Clause 20)		
	F:..... V:..... T:.....	Item	
21	Defects Liability Period and Final Completion (Clause 21)		
	F:..... V:..... T:.....	Item	
22	Latent defects liability period (Clause 22)	Item	
23	Revision of Date for Practical Completion (Clause 23)		
	The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8, 23.1 & 2]		
	F:..... V:..... T:.....	Item	
24	Penalty for Late or Non-Completion (Clause 24)		
	F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

	Brought Forward		R
	<u>Payment</u>		
25	Payment (Clause 25)		
	Materials and goods stored off site		
	Materials and goods stored off site shall not be included in the amount authorised for payment unless Advanced Payment Guarantee provided		
	Fluctuations in costs		
	All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the Contractor		
	Prices submitted		
	Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the agreement 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 certificate of final completion , it shall be in writing		
	F:..... V:..... T:.....	Item	
26	Adjustment of the Contract Value and Final Account (Clause 26)		
	Cost of claims		
	All costs incurred by the contractor in the preparation of claims shall be borne by the contractor . The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation to assist the principal agent in adjudicating the claim [26.6]		
	F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries		

-9-

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward		R	
<u>Documents (B2)</u>			
33	Checking of documents (Clause 2.1)		
	F:..... V:..... T:.....	Item	
34	Provisional bills of quantities (Clause 2.2)		
	F:..... V:..... T:.....	Item	
35	Availability of construction documentation (Clause 2.3)		
	The budgetary allowances and selected subcontract amounts allocated for subsequent trades included in this document will be separately procured, based on selected subcontractors during the construction period		
	F:..... V:..... T:.....	Item	
<u>Previous work and adjoining properties</u>			
36	Previous work - dimensional accuracy (Clause 3.1)		
	F:..... V:..... T:.....	Item	
37	Previous work - defects (Clause 3.2)		
	F:..... V:..... T:.....	Item	
38	Inspection of adjoining properties (Clause 3.3)		
	F:..... V:..... T:.....	Item	
Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Samples and shop drawings</u>			
39	Samples of materials (Clause 4.1)		
	F:..... V:..... T:.....	Item	
40	Workmanship samples (Clause 4.2)		
	F:..... V:..... T:.....	Item	
41	Shop drawings (Clause 4.3)		
	F:..... V:..... T:.....	Item	
42	Compliance with manufacturer's instructions (Clause 4.4)		
	F:..... V:..... T:.....	Item	
<u>Deposits and fees</u>			
43	Deposits and fees (Clause 5.1)		
	F :..... V:..... T:.....	Item	
<u>Temporary Services</u>			
44	Water (Clause 6.1)		
	F:..... V:..... T:.....	Item	
45	Electricity (Clause 6.2)		
	F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
46	Ablution facilities (Clause 6.3)		
	F:..... V:..... T:.....	Item	
47	Communication facilities (Clause 6.4)		
	F:..... V:..... T:.....	Item	
<u>Prime cost amounts</u>			
48	Responsibility for prime cost amounts (Clause 7.1)		
	F :..... V:..... T:.....	Item	
<u>Special attendance on N/S subcontractors</u>			
49	Special attendance (Clause 8.1)		
	F:..... V:..... T:.....	Item	
<u>General</u>			
50	Protection of works (Clause 9.1)		
	F:..... V:..... T:.....	Item	
51	Protection/isolation of existing/sectionally occupied works (Clause 9.2)		
	F:..... V:..... T:.....	Item	
Carried Forward			
Section No. 1 Bill No. 1 Preliminaries			R

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
52	Security of the works (Clause 9.3)		
	F:..... V:..... T:.....	Item	
53	Notice before covering work (Clause 9.4)		
	F:..... V:..... T:.....	Item	
54	Disturbance (Clause 9.5)		
	F:..... V:..... T:.....	Item	
55	Environmental disturbance (Clause 9.6)		
	Controlling all forms of pollution		
	The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution during the construction period due <i>inter alia</i> to noise, artificial light, wind-blown sand, dust, deposits of mud, etc		
	The contractor is to ensure that all roads which border the site and is used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works		
	Environmental management plan		
	The employer has prepared an environmental management plan (EMP) (Part C4 : Site Information, Clause C4.7 for a copy of the relevant plan). The contractor shall price opposite this item for compliance with all the requirements of such EMP		
	F :..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

	Brought Forward			R
56	Works cleaning and clearing (Clause 9.7)			
	F:..... V:..... T:.....	Item		
57	Vermin (Clause 9.8)			
	F:..... V:..... T:.....	Item		
58	Overhand work (Clause 9.9)			
	F:..... V:..... T:.....	Item		
	<u>Schedule</u>			
	Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given, it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract			
10.1	Provisional bills of quantities (B2.2) The quantities are provisional:			
	[Yes]			
10.2	Availability of construction documentation (B2.3) Construction documentation is complete			
	[Yes]			
10.3	Previous work - dimensional accuracy (Clause 3.1)			
	Contractor to inspect dimensions on the drawings against previous work prior or execution			
	[Yes]			
	Carried Forward			R
	Section No. 1 Bill No. 1 Preliminaries			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward		R
10.4	Previous work - defects (Clause 3.2) Contractor to inspect previous work and bring to the attention of the Principal Agent should there be noticeable defects [No]	
10.5	Inspection of adjoining properties (Clause 3.3) [No]	
10.6	Water (Clause 6.1) Option A (by Contractor) [No] Option B (by Employer - free of charge) [Yes] Option C (by Employer - metered) [No]	
10.7	Electricity (Clause 6.2) Option A (by Contractor) [No] Option B (by Employer - free of charge) [Yes] Option C (by Employer - metered) [No]	
10.8	Ablution facilities (Clause 6.3) Option A (by Contractor) [No] Option B (by Employer - free of charge) [Yes] Option C (by Employer - metered) [No]	
10.9	Telecommunications (Clause 6.4) Option A (by contractor) [Yes] Option B (by employer) [No]	
10.10	Protection of the works [Clause 9.1] [Yes]	
10.11	Protection of existing/sectionally occupied works (Clause 9.2) [Yes]	
10.12	Disturbance (Clause 9.5) [Yes]	
Carried Forward		R
Section No. 1 Bill No. 1 Preliminaries		

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward

10.13 Environmental disturbance (Clause 9.6)

[No]

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 General Conditions are included

59 Site instructions

Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the **contractor**

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

Item

R

Carried to Final Summary

Section No. 1
Bill No. 1
Preliminaries

R

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 1</u>			
<u>GROUND FLOOR ELECTRICAL WORK</u>			
<u>STANDARD PREAMBLES</u>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	13
2	Issue Electrical Certificate of Compliance	Item	
Carried Forward			R
<p>Section No. 2 Bill No. 1 Ground Floor Interior Lighting</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	249
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	498
5	1.5mm ² BCEW	m	249
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	13
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	167
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	6
Carried Forward			R
Section No. 2 Bill No. 1 Ground Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	21
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	57
11	1 x 18W LED Downlight fixture	No	10
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	207
13	PIR Occupancy Sensor - 24m sensor diameter	No	67
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 1			
Ground Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 2</u>			
	<u>FIRST FLOOR ELECTRICAL WORK</u>			
	<u>STANDARD PREAMBLES</u>			
	<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
	<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
	<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
	<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
	<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
	<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	13	
2	Issue Electrical Certificate of Compliance		Item	
	Carried Forward			
	Section No. 2 Bill No. 2 First Floor Interior Lighting			
			R	

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	249
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	498
5	1.5mm ² BCEW	m	249
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	22
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	149
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	
Carried Forward			R
Section No. 2 Bill No. 2 First Floor Interior Lighting			Rate Only

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	55
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	38
11	1 x 18W LED Downlight fixture	No	38
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	226
13	PIR Occupancy Sensor - 24m sensor diameter	No	62
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 2			
First Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 3</u>			
<u>SECOND FLOOR ELECTRICAL WORK</u>			
<u>STANDARD PREAMBLES</u>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	13
2	Issue Electrical Certificate of Compliance	Item	
Carried Forward			R
<p>Section No. 2 Bill No. 3 Second Floor Interior Lighting</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	249
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	498
5	1.5mm ² BCEW	m	249
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	28
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	164
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	Rate Only
Carried Forward			R
Section No. 2 Bill No. 3 Second Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louvre (230V +- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	Rate Only
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	35
11	1 x 18W LED Downlight fixture	No	Rate Only
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	192
13	PIR Occupancy Sensor - 24m sensor diameter	No	71
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommisioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 3			
Second Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u>			
	<u>THIRD FLOOR ELECTRICAL WORK</u>			
	<u>STANDARD PREAMBLES</u>			
	The Model Preambles for Trades (2008 edition) as published by the Association of 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			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project			
	These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.			
	All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.			
	Supply and installation of the items as detailed below. All material used shall be SABS approved.			
	<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
	<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	13	
2	Issue Electrical Certificate of Compliance		Item	
	Carried Forward			
	Section No. 2 Bill No. 4 Third Floor Interior Lighting		R	

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	249
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	498
5	1.5mm ² BCEW	m	249
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	27
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	161
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	Rate Only
Carried Forward			R
Section No. 2 Bill No. 4 Third Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	Rate Only
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	37
11	1 x 18W LED Downlight fixture	No	Rate Only
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	188
13	PIR Occupancy Sensor - 24m sensor diameter	No	57
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 4			
Third Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 5</u>			
<u>FOURTH FLOOR ELECTRICAL WORK</u>			
<u>STANDARD PREAMBLES</u>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	7
2	Issue Electrical Certificate of Compliance	Item	
Carried Forward			R
<p>Section No. 2 Bill No. 5 Fourth Floor Interior Lighting</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	152
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	304
5	1.5mm ² BCEW	m	152
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	27
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	81
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	Rate Only
Carried Forward			R
Section No. 2 Bill No. 5 Fourth Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	Rate Only
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	16
11	1 x 18W LED Downlight fixture	No	Rate Only
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	108
13	PIR Occupancy Sensor - 24m sensor diameter	No	31
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 5			
Fourth Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 6</u>			
<u>FIFTH FLOOR ELECTRICAL WORK</u>			
<u>STANDARD PREAMBLES</u>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No	7
2	Issue Electrical Certificate of Compliance	Item	
Carried Forward			R
<p>Section No. 2 Bill No. 6 Fifth Floor Interior Lighting</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
<u>Supply, install, test and commission the following:</u>			
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	152
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	304
5	1.5mm ² BCEW	m	152
<u>INTERIOR LIGHTING</u>			
<u>Supply, install, test and commission the following:</u>			
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	27
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	82
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	Rate Only
Carried Forward			R
Section No. 2 Bill No. 6 Fifth Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louvre (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No	Rate Only
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	16
11	1 x 18W LED Downlight fixture	No	Rate Only
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	109
13	PIR Occupancy Sensor - 24m sensor diameter	No	31
14	Provision for Emergency Lighting installation as per SANS 10114-2	Item	
15	1 Lever 1 Way Switch	No	6
<u>AUXILIARY WORKS</u>			
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)		SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)		SUM
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 6			
Fifth Floor Interior Lighting			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Item No	Quantity	Rate	Amount
<u>BILL NO. 7</u>			
<u>SIXTH FLOOR ELECTRICAL WORK</u>			
<u>STANDARD PREAMBLES</u>			
<p>The Model Preambles for Trades (2008 edition) as published by the Association of 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</p>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>The tenderer shall allow for whatever costs he may deem necessary for preliminary and general items to carry out the mechanical and fire installations as detailed in the conditions of contract, specifications, and Bill of Quantities as indicated on the drawings for this project</p>			
<p>These bills of quantities form part of and must be read in conjunction with the Tender Drawings, which contain the full descriptions of the work to be done and material and equipment to be used.</p>			
<p>All materials, equipment, fixings, brackets, supports etc, are to be supplied by the Contractor unless otherwise stated, and are deemed to be included in the rates.</p>			
<p>Supply and installation of the items as detailed below. All material used shall be SABS approved.</p>			
<u>LOW VOLTAGE DISTRIBUTION BOARD</u>			
<u>Supply, install, test and commission the following:</u>			
1	Miniature circuit breaker (MCB): 15A 240VAC, 6kA Curve 2, 1 Pole Mini and DIN Rail Mounting	No 3	
2	Issue Electrical Certificate of Compliance	Item	
Carried Forward			R
<p>Section No. 2 Bill No. 7 Sixth Floor Interior Lighting</p>			

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R	
<u>Supply, install, test and commission the following:</u>				
3	Galvanised Industrial Trunking - 3 meter Lengths, 50mm x 50mm (Incl. accessories)	m	60	
4	1.5mm ² PVC Single Core 600/1000V copper cable	m	120	
5	1.5mm ² BCEW	m	60	
<u>INTERIOR LIGHTING</u>				
<u>Supply, install, test and commission the following:</u>				
6	LED Recessed Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No		Rate Only
7	LED Surface-mount Lighting Fixture with parabolic reflector and grille louver (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No	46	
8	LED Surface-mount Lighting Fixture with vapour-proof cover (230V +/- 10%): - 1200mm x 600mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 3350 lm	No		Rate Only
Carried Forward			R	
Section No. 2 Bill No. 7 Sixth Floor Interior Lighting				

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Brought Forward			R	
9	LED Suspended Linear Lighting Fixture with parabolic reflector and grille louvre (230V +/- 10%): - 1200mm x 200mm - Mid Power LED (no LED tubes allowed) - Colour rendering index (CRI) not less than 80 - Lumen depreciation of no more than 30% (L70) @ 50 000 hours - Colour temperature of 4000K - Power factor of at least 0.95 - 2600 lm	No		Rate Only
10	1 x 18W LED Surface-mount bulkhead lighting fixture - 2000 lm	No	3	
11	1 x 18W LED Downlight fixture	No		Rate Only
12	5A Unswitched Socket Outlets - installed on wireways for lighting fixtures	No	46	
13	PIR Occupancy Sensor - 24m sensor diameter	No	15	
14	Provision for Emergency Lighting installation as per SANS 10114-2		Item	
15	1 Lever 1 Way Switch	No	1	
<u>AUXILIARY WORKS</u>				
16	Make good to finish (incl. minor painting where fittings are removed, repair of surface where fittings are removed, etc)			SUM
17	Decommissioning of old light fittings (incl. transportation off site, disposal and issuing of disposal certificate)			SUM
Carried Forward to Summary of Section No. 2			R	
Section No. 2				
Bill No. 7				
Sixth Floor Interior Lighting				

Carried to Final Summary

**SARS PHYSICAL FACILITIES
PRETORIA ROR BUILDING
ELECTRICAL WORKS**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	SECTION NO. 1	16	
2	SECTION NO. 2	38	
	Sub-Total		R
	<u>CONTINGENCY AMOUNT</u>		
	Provide an amount for contingencies equal to 10% of the total preliminaries and building works, all to be used as directed and approved by the client	Item	
	Sub-Total		R
	Add 15% VAT		R
	Carried to Form of Tender		R