

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<u>1</u>				
<u>PRELIMINARIES</u>				

<u>NOTES:</u>				
(i) The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2015) (Third Edition), published by the S.A Institution Of Civil Engineering.				
(ii) The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.				
(iii) Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.				
(iv) Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.				
(v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").				
(vi) Adjustment of the preliminaries: each item priced, is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time.				
Carried to Collection			R	
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

(vii) *Time (T) related Preliminaries will only be adjusted for omissions or additions, issued by the Employer, or delays caused by the Employer only, for which variation and extension of time has been granted.*

SECTION A: GENERAL CONDITIONS OF CONTRACT

A A1: Definitions, interpretations and general provisions (clause 1)

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

Item

B A2.1 Available data and information (clause 2.1)

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

Item

C A2.2 Adverse physical conditions (clause 2.2)

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

Item

D A2.3 Technical data (clause 2.3)

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

Item

E A2.4 Ambiguity or discrepancy (clause 2.4)

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

Item

F A2.5 Assignment (clause 2.5)

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

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	A3.1	Qualifications of the Employer's Agent (clause 3.1) F:..... V:..... T:.....	Item	
B	A3.2	Functions of the Employer's Agent (clause 3.2) F:..... V:..... T:.....	Item	
C	A3.3	Employer's Agent's Representative (clause 3.3) F:..... V:..... T:.....	Item	
D	A4.1	Extent of obligations and liability (clause 4.1) F:..... V:..... T:.....	Item	
E	A4.2	Employer's Agent's instructions (clause 4.2) F:..... V:..... T:.....	Item	
F	A4.3	Legal provisions (clause 4.3) F:..... V:..... T:.....	Item	
G	A4.4	Subcontracting (clause 4.4) F:..... V:..... T:.....	Item	
H	A4.5	Notices and fees (clause 4.5) F:..... V:..... T:.....	Item	
I	A4.6	Patent rights (clause 4.6) F:..... V:..... T:.....	Item	
Carried to Collection				
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R				R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	A4.7	Fossils (clause 4.7)							
		F:..... V:.....							
		T:.....				Item			
B	A4.8	Facilities for others (clause 4.8)							
		F:..... V:.....							
		T:.....				Item			
C	A4.9	Construction Equipment (clause 4.9)							
		F:..... V:.....							
		T:.....				Item			
D	A4.10	Contractor's employees (clause 4.10)							
		F:..... V:.....							
		T:.....				Item			
E	A4.11	Competent employees (clause 4.11)							
		F:..... V:.....							
		T:.....				Item			
F	A4.12	Contractor's superintendence (clause 4.12)							
		F:..... V:.....							
		T:.....				Item			
G	A5.1	Time calculations (clause 5.1)							
		F:..... V:.....							
		T:.....				Item			
H	A5.2	Commencement of the Contract (clause 5.2)							
		F:..... V:.....							
		T:.....				Item			
I	A5.3	Commencement of Works (clause 5.3)							
		F:..... V:.....							
		T:.....				Item			
Carried to Collection									
Bill No. 1									
PRELIMINARIES									
TENDER NO : CIA 6152 / 2019 / R									
								R	

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
TENDER NO : CIA 6152 / 2019 / R
PROVISIONAL BILLS OF QUANTITIES**

A	A5.4	Access to the Site (clause 5.4)						
		F:..... V:.....						
		T:.....			Item			
B	A5.5	Time for Practical Completion (clause 5.5)						
		F:..... V:.....						
		T:.....			Item			
C	A5.6	Programme (clause 5.6)						
		F:..... V:.....						
		T:.....			Item			
D	A5.7	Progress of Works (clause 5.7)						
		F:..... V:.....						
		T:.....			Item			
E	A5.8	Non-working times (clause 5.8)						
		F:..... V:.....						
		T:.....			Item			
F	A5.9	Instructions (clause 5.9)						
		F:..... V:.....						
		T:.....			Item			
G	A5.10	Delays attributable to the Employer (clause 5.10)						
		F:..... V:.....						
		T:.....			Item			
H	A5.11	Suspension of the Works (clause 5.11)						
		F:..... V:.....						
		T:.....			Item			
I	A5.12	Extension of time for Practical Completion (clause 5.12)						
		F:..... V:.....						
		T:.....			Item			
Carried to Collection								
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R								
							R	

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	A5.13	Penalty for delay (clause 5.13)	F:..... V:..... T:.....	Item	
B	A5.14	Completion (clause 5.14)	F:..... V:..... T:.....	Item	
C	A5.15	Clearance of Site (clause 5.15)	F:..... V:..... T:.....	Item	
D	A5.16	Approval (clause 5.16)	F:..... V:..... T:.....	Item	
E	A6.1	Payment to Contractor (clause 6.1)	F:..... V:..... T:.....	Item	
F	A6.2	Security (clause 6.2)	F:..... V:..... T:.....	Item	
G	A6.3	Variations (clause 6.3)	F:..... V:..... T:.....	Item	
H	A6.4	Value of variations (clause 6.4)	F:..... V:..... T:.....	Item	
I	A6.5	Dayworks (clause 6.5)	F:..... V:..... T:.....	Item	
Carried to Collection					
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R					R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	A6.6	Provisional sums and prime cost sums (clause 6.6)	F:..... V:..... T:.....	Item	
B	A6.7	Measurement of Works (clause 6.7)	F:..... V:..... T:.....	Item	
C	A6.8	Adjustment in rates and/or prices (clause 6.8)	F:..... V:..... T:.....	Item	
D	A6.9	Vesting of Plants and materials (clause 6.9)	F:..... V:..... T:.....	Item	
E	A6.10	Payments (clause 6.10)	F:..... V:..... T:.....	Item	
F	A6.11	Variations exceeding 15 per cent (clause 6.11)	F:..... V:..... T:.....	Item	
G	A7.1	Quality of Construction Equipment (clause 7.1)	F:..... V:..... T:.....	Item	
H	A7.2	Quality of Plant, workmanship and materials (clause 7.2)	F:..... V:..... T:.....	Item	
I	A7.3	Access to the Works (clause 7.3)	F:..... V:..... T:.....	Item	
		Carried to Collection			R
		Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R			

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	A7.4	Samples and testing (clause 7.4)	F:..... V:..... T:.....	Item	
B	A7.5	Examination of the Works (clause 7.5)	F:..... V:..... T:.....	Item	
C	A7.6	Defective Plant, materials and work (clause 7.6)	F:..... V:..... T:.....	Item	
D	A7.7	Search for defects (clause 7.7)	F:..... V:..... T:.....	Item	
E	A7.8	Defects (clause 7.8)	F:..... V:..... T:.....	Item	
F	A7.9	Urgent remedial work (clause 7.9)	F:..... V:..... T:.....	Item	
G	A8.1	Protection of the Works (clause 8.1)	F:..... V:..... T:.....	Item	
H	A8.2	Care of the Works (clause 8.2)	F:..... V:..... T:.....	Item	
I	A8.3	Excepted risks (clause 8.3)	F:..... V:..... T:.....	Item	
Carried to Collection					
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R					R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	A8.4	Indemnifications (clause 8.4) F:..... V:..... T:.....			Item
B	A8.5	Reporting accidents (clause 8.5) F:..... V:..... T:.....			Item
C	A8.6	Insurances (clause 8.6) F:..... V:..... T:.....			Item
D	A9.1	Termination of Contract (clause 9.1) F:..... V:..... T:.....			Item
E	A9.2	Termination by Employer (clause 9.2) F:..... V:..... T:.....			Item
F	A9.3	Termination by Contractor (clause 9.3) F:..... V:..... T:.....			Item
G	A10.1	Contractor's claim (clause 10.1) F:..... V:..... T:.....			Item
H	A10.2	Dissatisfaction claim (clause 10.2) F:..... V:..... T:.....			Item
I	A10.3	Dispute notice (clause 10.3) F:..... V:..... T:.....			Item
Carried to Collection					
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R					R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	A10.4	Amicable settlement (clause 10.4)							
		F:..... V:.....							
		T:.....						Item	
B	A10.5	Adjudication (clause 10.5)							
		F:..... V:.....							
		T:.....						Item	
C	A10.6	Disagreement with Adjudication Board's decision (clause 10.6)							
		F:..... V:.....							
		T:.....						Item	
D	A10.7	Arbitration (clause 10.7)							
		F:..... V:.....							
		T:.....						Item	
E	A10.8	Court proceedings (clause 10.8)							
		F:..... V:.....							
		T:.....						Item	
F	A10.9	Appointment (clause 10.9)							
		F:..... V:.....							
		T:.....						Item	
G	A10.10	Common provisions (clause 10.10)							
		F:..... V:.....							
		T:.....						Item	
H	A10.11	Continuing validity (clause 10.11)							
		F:..... V:.....							
		T:.....						Item	
Carried to Collection									
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R									
									R

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES

**SECTION B: SANS 1921-1:2004 (Edition 1):
 CONSTRUCTION AND MANAGEMENT
 REQUIREMENTS FOR WORKS CONTRACTS: PART 1**

Refer to the SCOPE OF WORK for detail requirements

A	B1	Scope	F:..... V:..... T:.....	Item
B	B2	Normative references	F:..... V:..... T:.....	Item
C	B3	Definitions	F:..... V:..... T:.....	Item
D	B4	Requirements for construction and management	F:..... V:..... T:.....	Item
E	B4.1	General	F:..... V:..... T:.....	Item
F	B4.2	Responsibilities for design and construction	F:..... V:..... T:.....	Item
G	B4.2	Responsibilities for design and construction	F:..... V:..... T:.....	Item
H	B4.3	Planning, programme and method statements	F:..... V:..... T:.....	Item

Carried to Collection

R

Bill No. 1
 PRELIMINARIES
 TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
TENDER NO : CIA 6152 / 2019 / R
PROVISIONAL BILLS OF QUANTITIES**

A	B4.4	Quality assurance	F:..... V:..... T:.....	Item	
B	B4.5	Setting out	F:..... V:..... T:.....	Item	
C	B4.6	Management and disposal of water	F:..... V:..... T:.....	Item	
D	B4.7	Blasting	F:..... V:..... T:.....	Item	
E	B4.8	Works adjacent to services and structures	F:..... V:..... T:.....	Item	
F	B4.9	Management of the Works and site	F:..... V:..... T:.....	Item	
G	B4.10	Earthworks	F:..... V:..... T:.....	Item	
H	B4.11	Testing	F:..... V:..... T:.....	Item	
I	B4.12	Materials, samples and fabrication drawings	F:..... V:..... T:.....	Item	
Carried to Collection					
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R					R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	B4.13	Equipment	F:..... V:..... T:.....	Item	
B	B4.14	Site establishment	F:..... V:..... T:.....	Item	
C	B4.15	Survey control	F:..... V:..... T:.....	Item	
D	B4.16	Temporary works	F:..... V:..... T:.....	Item	
E	B4.17	Existing services	F:..... V:..... T:.....	Item	
F	B4.18	Health and safety	F:..... V:..... T:.....	Item	
G	B4.19	Environmental requirements	F:..... V:..... T:.....	Item	
H	B4.20	Alterations, additions, extensions and modifications to existing works	F:..... V:..... T:.....	Item	
I	B4.21	Inspection of adjoining structures, services, buildings and property	F:..... V:..... T:.....	Item	
Carried to Collection					
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R					R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	B4.22	Attendance on nominated and selected subcontractors			
		F:..... V:.....			
		T:.....		Item	
<u>SECTION C: SCOPE OF WORK in accordance with SANS 10403</u>					
<i>(The reference to Clauses refer to Table B.1 of SANS 1921-1:2004)</i>					
B	C1	Certification by recognised bodies - CLAUSE 4.4			
		F:..... V:.....			
		T:.....		Item	
C	C2	Agrément certificates - CLAUSE 4.5			
		F:..... V:.....			
		T:.....		Item	
D	C3	Other services and facilities - CLAUSE 4.8			
		F:..... V:.....			
		T:.....		Item	
E	C4	Recording of weather - CLAUSE 5.2			
		F:..... V:.....			
		T:.....		Item	
F	C5	Management meetings - CLAUSE 5.3			
		F:..... V:.....			
		T:.....		Item	
G	C6	Daily records CLAUSE 5.6			
		F:..... V:.....			
		T:.....		Item	
H	C7	Bond and guarantees - CLAUSE 5.7			
		F:..... V:.....			
		T:.....		Item	

Carried to Collection

R

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	C8	Permits - CLAUSE 5.9 F:..... V:..... T:.....	Item	
B	C9	Proof of compliance with the law - CLAUSE 5.10 F:..... V:..... T:.....	Item	
<u>SECTION D: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 (Table A.1)</u>				
C	D1	Requirements for drawings, information and calculations for which the contractor is responsible CLAUSE 4.1.7 F:..... V:..... T:.....	Item	
D	D2	The responsibility strategy assigned to the contractor for the works CLAUSE 4.2.1 F:..... V:..... T:.....	Item	
E	D3	The planning, programme and method statements - CLAUSE 4.3 F:..... V:..... T:.....	Item	
F	D4	Samples of materials, workmanship and finishes - CLAUSE 4.12.1 F:..... V:..... T:.....	Item	
G	D5	Fabrication drawings that the contractor is to provide and deliver to the employer - CLAUSE 4.12.2 F:..... V:..... T:.....	Item	
Carried to Collection				R
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A	D6	Office for the foreman CLAUSE 4.14.3 F:..... V:..... T:.....	Item	
B	D7	Telephone - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	
C	D8	Office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	
D	D9	Telephone in office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	
E	D10	Sheds - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	
F	D11	Provision and erection of signboards - CLAUSE 4.14.6 F:..... V:..... T:.....	Item	
G	D12	Termination, diversion or maintenance of existing services - CLAUSE4.17.1 F:..... V:..... T:.....	Item	
H	D13	Services which are known to exist - CLAUSE 4.17.3 F:..... V:..... T:.....	Item	
I	D14	Detection apparatus - CLAUSE 4.17.4 F:..... V:..... T:.....	Item	
Carried to Collection				
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R				R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	<p>D15 Additional health and safety requirements - CLAUSE 4.18</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item		
SECTION E: SPECIFIC PRELIMINARIES				
B	<p>E1 PROPRIETARY BRANDED PRODUCTS</p> <p>The contractor shall take delivery of, handle, store, use apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instruction after consultation with the manufacturer's authorised representative</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item		
C	<p>E2 OVERTIME</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 Engineer/principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item		
D	<p>E3 AS BUILT DRAWINGS</p> <p>The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the Engineer/principal agent and the structural engineer for their records.</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item		
Carried to Collection			R	
<p>Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	E4	SITE INSTRUCTIONS	<p>Site 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.</p> <p>F:..... V:..... T:.....</p>	Item	
B	E5	LABOUR RECORD	<p>At the end of each week the contractor shall provide the Engineer/principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day</p> <p>F:..... V:..... T:.....</p>	Item	
C	E6	PLANT RECORD	<p>At the end of each week the contractor shall provide the Engineer/principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item	
D	E7	NON CESSION OF MONIES	<p>The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract.</p> <p>F:..... V:..... T:.....</p>	Item	
Carried to Collection					R
<p>Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R</p>					

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	E8	<p>SECTIONAL COMPLETION</p> <p>When it is required that the contract be executed in sections or portions, the tenderer shall allow for all costs in this regard as no claim for additional costs will be entertained.</p> <p>F:..... V:..... T:.....</p>	Item	
B	E9	<p>LOCAL LABOUR</p> <p>It is a general requirement of this contract that persons normally resident in the locality of the works (local labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate Labour not be available within the locality, other may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local Labour. The Contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilization of local Labour in the construction process. In this regard, the Contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The Contractor shall, in general, maximize the involvement of the local community.</p> <p>F:..... V:..... T:.....</p>	Item	
C	E10	<p>IMPORT PERMITS AND DUTIES</p> <p>The responsibility for obtaining the necessary import permits shall rest with the successful Tenderer. No foreign exchange will be arranged or provided by the Administration.</p> <p>Tenderers are to allow in their tenders and pay the ordinary levy imposed on imported items in terms of item 196.10 of Part 8 of Schedule No. 1 of the Customs and Excise Act, 1964 with effect from 1 October 1989.</p> <p>F:..... V:..... T:.....</p>	Item	
Carried to Collection		R		
<p>Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	E11	<p>HIV/AIDS AWARENESS</p> <p>Tenderers are to price against the following items for compliance with the SPECIFICATION FOR HIV/AIDS AWARENESS bound into this document (The clauses referred to are those of the Specification for HIV/AIDS)(Provide and maintain a condom dispenser in terms of Clause 5.1a)</p> <p>F:..... V:..... T:.....</p>	Item	
B	E12	<p>Provide and maintain HIV/AIDS awareness posters terms of Clause 5.1b)</p> <p>F:..... V:..... T:.....</p>	Item	
C	E13	<p>HIV /Aids Awareness Programme on Site for not less than 90% of workers inclusive of all direct and indirect costs</p> <p>Engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme in terms of Clause 5.2.1a)</p> <p>F:..... V:..... T:.....</p>	Item	
D	E14	<p>Arrange for workers to attend the HIV Awareness Programme in terms of Clause 5.2.1b)</p> <p>F:..... V:..... T:.....</p>	Item	
E	E15	<p>Reporting</p> <p>Prepare and attach to claims for payment a brief report in terms of Clause 5.3 (see also HIV/STI Compliance Report included with this document).</p> <p>F:..... V:..... T:.....</p>	Item	
Carried to Collection			R	
<p>Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .05% of the Contract Sum.

A E16 CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)

Notwithstanding anything to the contrary contained in the GCC for Construction Works, this Contract shall only when the Construction Period exceeds 6 months and the Contract sum exceeds R750,000,00 be subject to the Contract Price Adjustment Provisions (CPAP) (Revised May 2005) as published by the Joint Building Contracts Committee. Tenderers are advised BILL No. 1: PRELIMINARIES 112 Each item Carried to Collection the Contract Price Adjustment Provisions (CPAP) (Revised May 2005) as published by the Joint Building Contracts Committee. Tenderers are advised that with reference to Clause 3.4.4 of the Contract Price Adjustment Provisions, the Head: Works will not accept the submission by Tenderers of lists of additional items.

Where this contract is a Lump Sum contract, the contract will be subject to Contract Price Adjustment Provisions (CPAP) only where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings.

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

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

<p>A</p>	<p>E17 EXPANDED PUBLIC WORKS PROGRAMME (EPWP)</p> <p>Tenderers are advised that this contract will be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.</p> <p>Tenderers must allow for any costs for the following employment requirements of the EPWP</p> <ol style="list-style-type: none"> 1. 60% of unskilled Labour to be women 2. 20% of unskilled Labour to be youths aged between 18 and 35 years 3. 2% of unskilled Labour to be disabled persons. 4. 100% unskilled Labour utilized must reside within the boundaries of the Municipality where this contract is executed, with preference to the local community closest to the contract site. Wherever possible local skilled tradesmen are to be employed on this contract. <p>TENDERERS TO NOTE:</p> <p>Those parts of the contract to be constructed using Labour-intensive methods have been marked in the bills of quantities/lump sum document with the letters LI (indicating "Labour Intensive") against every item so designated. The works, or parts of the works so designated are to be constructed using Labourintensive methods only.</p> <p>F:..... V:..... T:.....</p>				
<p>B</p>	<p>E18 OCCUPATIONAL HEALTH AND SAFETY ACT NO. 85 OF 1993</p> <p>Tenderers are to allow for costs in providing a 'Construction Phase Safety, Health and Environmental Plan' in accordance with "Section 2 - Specification Data associated with SANS 1921-1:2004" clause C4.18 in "Part C3 - Scope of Work"</p> <p>F:..... V:..... T:.....</p>				
<p>Carried to Collection</p>					<p>R</p>
<p>Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R</p>					

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

A E19 IMPORTED MATERIALS AND EQUIPMENT

Where imported items are listed in the tender documents, the tenderer shall provide all information called for, failing which the price of any such item, material or equipment shall be excluded from currency fluctuations. (Refer to Schedule of Imported Materials and Equipment (DOW363).

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

SECTION F : TENDER TRANSFORMATION CONTRACT PARTICIPATION TARGET (SECTION 5 AS PER TRANSFORMATION FRAMEWORK ISSUED BY TRANSFORMATION CONSULTANT)

1. Overall Transformation CPG (including Direct Contracts)

A minimum Empowerment Contract Participation Goal (CPG) of 50% at a Prime (Main) Contract level is required.

The total empowerment CPG is to be made up of the aggregate of the following categories;

1. By virtue of the Main Contractors B-BBEE status (Method 1)
2. By awarding Subcontracts to specified Designated Groups (Method 2)
3. By awarding contracts to Designated Enterprise Suppliers, Manufacturers and Service Providers (Method 3)
4. By employing labour from the Designated Group (Method 4)
5. By providing experiential work opportunities towards a technical qualification for designated persons (Method 5)

The following Minimum CPG targets to be achieved in each category.

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

Carried to Collection

Bill No. 1
 PRELIMINARIES
 TENDER NO : CIA 6152 / 2019 / R

Item

Item

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

2. B-BBEE participation at a Prime Contractor Level (Method 1)

Contractor to have a minimum Recognition Level 1 to 4 from one of the following Designated Groups.

- Minimum 51% Black owned Enterprise
- Minimum 51% Black owned QSE and EME's Enterprise
- Minimum 35% black women owned Enterprise

Should Contractor qualify as a recognition between Level 1-4 on the Generic Score card then CPG measured in terms of the works not including method 2,3 &4 is set at a minimum of 18%.

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

Item

3. B-BBEE participation at a Sub-Contract Level (Method 2) and Supply & Manufacture Level (Method 3)

Together Target a minimum CPG of 30% from one or more of the following Designated Groups.

- Minimum 51% Black owned Enterprise
- Minimum 51% Black owned QSE and EME's Enterprise
- Minimum 35% black women owned Enterprise

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

Item

4. Employment (Job) Creation (Method 4)

Designated employment for labour priority categories such as black women and youth will be credited to increase the overall CPG and is set at a minimum of 2%.

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

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

5. Skills Development & Training (Method 5)

Given the 8 week duration of the contract method 5 will not be a requirement.

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

Item

6. Enterprise Development (ED)

Preferential Procurement of Qualifying Enterprises during construction must achieve the following:

- of which minimum - 30% of Contract Value for Qualifying Enterprises at sub-contract level, material supply manufacturing, and services level

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

Item

7. Compliance

The Contractor is to produce contract participation goal implementation plan within 5 working days of being instructed to do so and if no such instruction is given, these plans shall be submitted before the submission of the first claim for payment.

The Contractor shall submit completed targeted enterprise declaration affidavits together where relevant with letters of undertaking to act as subcontractors/suppliers /manufacturers /service providers in respect of each and every designated enterprise whose contribution shall be counted towards the contract participation goal. These documents shall be submitted before the submission of the first payment claim or as otherwise agreed.

The Contractor shall enter into written contracts with all the designated enterprises cited in the contract participation goal plan and shall as soon as is practicable furnish the Principal Agent with copies of such agreements and the written acceptance thereof.

The Contractor in respect of target labour shall enter into written contracts with all individuals classed as designated labour and during the performance of the contract furnish the Principal Agent with copies or proformas of all contracts entered into.

The Contractor shall submit all documentation required timeously and together with a programme of activities, a schedule which indicates clearly the expected commencement and completion of work and

Carried to Collection

R

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

services to be performed by all the designated enterprises engaged on the contract for the purposes of securing credits towards the contract participation goal. The Contractor shall update this schedule whenever a change in date occurs.

The Contractor shall assume responsibility for the compilation and maintenance of comprehensive records detailing each designated enterprise progress during the construction duration, starting from the award of a contract to a BEE until the successful completion of the work or termination of the contract.

The Contractor's participation performance will be measured monthly in order to monitor the extent to which he is striving to reach the Contract Participation Goal (CPG) proposed in his tender.

The Contractor shall prepare and attach to his claim for payment, in a form approved by the Principal Agent, the following:

- A brief report which describes the commercially useful functions performed by the designated enterprises in the performance of the contract, both over the interim period and on a cumulative basis;
- A schedule reflecting the estimated total value of the contracts, the cumulative value of the contracts and the value of supplies provided, or work and services performed (or both) over the period for which payment is claimed in respect of each and every targeted enterprise performing commercially useful functions;
- A schedule which lists the names, identity numbers, gender, trade/occupation, period of employment, employment number and the like, as directed by the employer's representative, together with the respective wage rates and allowances payable in respect of designated labour, including the monetary value of wages and allowances paid both on a cumulative basis and over the period for which payment is claimed; and
- A schedule of wages and allowances paid to all employees, indicating the status of such employees, where the contractor fulfills his contract participation goal obligations by virtue of his targeted enterprise status as a prime contractor.

Reporting forms shall accompany the Contractor's monthly claim presented to the Quantity Surveyor for payment of certified completed work. Failure to adhere to his

Carried to Collection

Bill No. 1
PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

requirements shall result in the delay of any payment due until the Principal Agent confirms that the forms have been received.

Should random inspection conducted by the Employer's Representative on targeted enterprise activities indicate that such enterprises are not performing in accordance with the requirements of this provisions, the Contractor shall provide separate weekly resource returns and any other relevant information in respect of such targeted enterprises in a format approved by the Employer's Representative.

The Employer's representative shall certify the value of the credits counted towards the Contractor participation goal whenever a claim for payment is issued to the Principal Agent, and shall notify the Contractor of this amount.

The Contractor shall, upon completion of each individual targeted enterprise's contract, issue a completion certificate and certify the amount paid to such targeted enterprises. He shall submit the certificates, counter-certified by the relevant targeted enterprise, to the Principal Agent for record-keeping purposes. The Contractor shall furnish reasons to the Engineer and Employer whenever it is not possible to obtain such counter certification.

The Contractor shall, upon termination of the services of the individuals classed as designated labour engaged in activities relating to the performance of the contract, certify the amount paid to such individuals and submit the certificate, counter-certified by the relevant individual, to the Principle Agent record keeping purposes.

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

Item

Carried to Collection

R

Bill No. 1
 PRELIMINARIES
 TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

8. Sanctions

In the event that the Contractor fails to substantiate that any failure to achieve each individual Contract Participation Goal (CPG) relating to the tendered target goal was due to quantitative under runs, the elimination of items or any other reason beyond the Contractor's control which may be acceptable to the Employer, the Contractor shall pay to the Employer penalties (P) in an amount determined in accordance with the following formula :

$$P = 0,50 \times \frac{(D - D_0)}{100} \times N_A$$

where D = tender minimum Contract Participation Goal (CPG) percentage set by CTICC.

D₀ = the Contract Participation Goal (CGP) which the Employer's Representative, based on the credits passed, certifies as being achieved upon completion of the Contract.

N_A = Net Amount

P = Rand value of penalty payable

Carried to Collection

R

Bill No. 1

PRELIMINARIES

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 1

PRELIMINARIES

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

Carried Forward

R

Bill No. 1
 PRELIMINARIES
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

	Page No	Amount
Bill No. 1		
PRELIMINARIES		
<u>COLLECTION</u>		
Brought Forward		R
Total Brought Forward from Page No.	21	
	22	
	23	
	24	
	25	
	26	
	27	
	28	
Carried to Form of Tender		R
Bill No. 1 PRELIMINARIES TENDER NO : CIA 6152 / 2019 / R		

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Old materials to become property of the Contractor:

Old materials from alterations, except where described as to be re-used or handed over, become the property of the Contractor, who must allow credit for same in the last item of the "Alterations" trade

Old materials to be carted away:

Old materials from the alterations, except where described as to be re-used or handed over, as well as all rubbish, etc must be regularly carted from the site and not be allowed to accumulate on or around the site

Old materials to be re-used:

None of the old materials are to be used for new work, except where specifically described as being set aside for re-use

Handing over of materials:

Where certain materials or articles from demolitions or alterations are described as to be "handed over to the Employer", it shall be taken to mean "handed over by the Contractor to the Principal Agent" and such materials or articles shall be properly stored by the Contractor until handing over thereof

The Contractor must obtain an official receipt from the Principal Agent listing the materials or articles and dates of handing over

Should the Contractor fail to submit the receipt when requested to do so, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Employer for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor

Carried to Collection

R

Bill No. 1
ALTERATIONS AND ADDITIONS
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Explosives:

No explosives whatsoever may be used for demolition purposes, unless otherwise stated

General:

The Contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Principal Agent

Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the Principal Agent

Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing, including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described

Re-painting or re-varnishing is given separately

Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc

Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing

With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc shall be levelled and prepared for raising of brickwork

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

Carried to Collection

Bill No. 1

ALTERATIONS AND ADDITIONS

TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

The Contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (e.g.doors, windows, fittings, etc)

Hazardous materials:

Demolitions of buildings, services, external works, site services, etc are to include for the safe removal and disposal of asbestos or asbestos products or other hazardous materials **BY APPROVED SPECIALISTS**

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 1
ALTERATIONS AND ADDITIONS
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

REMOVAL OF EXISTING WORK

Breaking up and removing unreinforced concrete including asphalt:

A	Precast concrete kerb and asphalt island	m ²	55	
---	--	----------------	----	--

SERVICING OF EXISTING TIMBER DOORS, FRAMES, ETC

Note: Repairing or replacement of existing ironmongery, removal of glass, putty, etc reglazing and redecorating of existing doors, frames, etc are measured elsewhere

Servicing of existing timber doors, frames, etc including sanding down complete to bare timber, thoroughly cleaning down of all dirt, scale and general contamination from all surfaces, re-aligning frames, panels, etc and re-fixing loose joints. Checking, resetting and adjusting of magnets and / or replacing if necessary etc (re-decoration work elsewhere measured):

B	Single door approximately 900 x 2 100mm high overall	No	4	
---	--	----	---	--

Carried to Collection

R

Bill No. 1
ALTERATIONS AND ADDITIONS
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 1

ALTERATIONS AND ADDITIONS

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

31

32

33

34

35

Carried to Summary

R

Bill No. 1

ALTERATIONS AND ADDITIONS

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Item No	Unit	Quantity	Rate	Amount
<u>2</u> <u>PRECAST CONCRETE</u> ----- <u>PREAMBLES</u> The Model Preambles for Trades (2017 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 The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles <u>DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES, PERFORMANCE REQUIREMENTS</u> The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project <u>NOTE</u> Unless otherwise described, all work in this trade is to be carried out in/to existing buildings ----- <p style="text-align: center;">Carried to Collection</p>				
Bill No. 2 PRECAST CONCRETE TENDER NO : CIA 6152 / 2019 / R			R	

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

TEMPORARY BARRICADES, SCREENS, ETC

Temporary barricades, screens, roofs, etc

A 3 000 x 610 x 810mm high Pre-cast concrete traffic barrier or similar approved

m

197

Carried to Collection

R

Bill No. 2
 PRECAST CONCRETE
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 2

PRECAST CONCRETE

COLLECTION

Total Brought Forward from Page No.

**Page
No**

37

38

Amount

Carried to Summary

R

Bill No. 2

PRECAST CONCRETE

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Quantity	Rate	Amount
<p><u>3</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p style="text-align: center;">-----</p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>Work for which budgetary allowances are provided will be measured and valued in accordance with the relevant building agreement / contract and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances</p> <p><u>Descriptions</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p>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</p> <p><u>Descriptions</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p style="text-align: right;">Carried to Collection</p> <p>Bill No. 3 CEILINGS, PARTITIONS AND ACCESS FLOORING TENDER NO : CIA 6152 / 2019 / R</p>			<hr/> <p>R</p> <hr/>

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
TENDER NO : CIA 6152 / 2019 / R
PROVISIONAL BILLS OF QUANTITIES**

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere

Insulation

Insulation to be in accordance with SANS 10400-XA regulations

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 3
CEILINGS, PARTITIONS AND ACCESS FLOORING
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

INSULATION

Insulation laid on ceiling boards

A	Insulation laid loose above ceilings	m ²	260	
---	--------------------------------------	----------------	-----	--

BULKHEADS

6.4mm gypsum plastered ceiling consisting of steel brandering fixed to concrete slab above supported at varying depths, with 6.4mm board screw-fixed as per manufacturer's instructions to steel branders at 300mm centres. Joints taped and then whole ceiling plastered with 3 to 6mm coat of skim plaster to an even smooth finish and primed and painted (paintwork elsewhere measured)

B	Horizontal portion of gypsum bulkhead 100mm wide not exceeding 1 000mm below concrete soffits	m	138	
---	---	---	-----	--

C	Horizontal portion of gypsum bulkhead 300mm wide not exceeding 1 000mm below concrete soffits	m	110	
---	---	---	-----	--

D	Horizontal portion of gypsum bulkhead 3 100mm wide not exceeding 1 000mm below concrete soffits	m	28	
---	---	---	----	--

E	Vertical portion of gypsum bulkhead 157mm high not exceeding 1 000mm below concrete soffits	m	28	
---	---	---	----	--

F	Vertical portion of gypsum bulkhead 181mm high not exceeding 1 000mm below concrete soffits	m	110	
---	---	---	-----	--

G	Vertical portion of gypsum bulkhead 200mm high not exceeding 1 000mm below concrete soffits	m	138	
---	---	---	-----	--

Carried to Collection

R

Bill No. 3
CEILINGS, PARTITIONS AND ACCESS FLOORING
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

PARTITIONS ETC

Tenderers are advised that they may propose and price any material similar in look and feel to the specification provided below. Details of an alternative must be supported by way of visual presentation to demonstrate constructibility.

12.5mm ceiling board fixed to both sides of Galvanised Mild Steel framework with framework fixed to slab and soffit with drywall screws including tape and skim plaster joints and fixing points with gypsum plaster including 63mm stud and a 64mm track. Drywalling plastered with 3 to 6mm coat of plaster to an even smooth finish and primed and painted (elsewhere measured) - All fixings according to specialist / manufacturers details and specifications

A	Internal drywall partition approximately 2 750m high with bottom and top tracks plugged	m	246		
B	External drywall partition approximately 2 750m high with bottom and top tracks plugged	m	157		
C	Extra over partition for T-Junction, complete as per manufacturers instructions	No	172		
D	Extra over partition for L-Intersection, fair end-board & corner beads, complete as per manufacturers instructions	No	108		
<u>Doors</u>					
E	Extra over partition for door opening approximate size 813 x 2 032mm high including hardwood subframe, junctions, noggins, fittings, fixtures etc complete as per manufacturers instructions	No	32		
F	Extra over partition for door opening approximate size 2 300 x 2 032mm high including hardwood subframe, junctions, noggins, fittings, fixtures etc complete as per manufacturers instructions	No	12		

Carried to Collection

R

Bill No. 3
CEILINGS, PARTITIONS AND ACCESS FLOORING
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Viewing Panels

A	Extra over partition for viewing panels approximate size 750 x 2100mm high including hardwood subframe, junctions, noggins, fittings, fixtures etc complete as per manufacturers instructions	No	12
---	---	----	----

Windows

B	Extra over partition for window opening approximate size 1 000 x 450mm high including hardwood subframe, junctions, noggins, fittings, fixtures etc complete as per manufacturers instructions	No	6
---	--	----	---

C	Extra over partition for window opening approximate size 2 000 x 1100mm high including hardwood subframe, junctions, noggins, fittings, fixtures etc complete as per manufacturers instructions	No	12
---	---	----	----

Carried to Collection

R

Bill No. 3
CEILINGS, PARTITIONS AND ACCESS FLOORING
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 3

CEILINGS, PARTITIONS AND ACCESS FLOORING

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

40

41

42

43

44

Carried to Summary

R

Bill No. 3

CEILINGS, PARTITIONS AND ACCESS FLOORING

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
TENDER NO : CIA 6152 / 2019 / R
PROVISIONAL BILLS OF QUANTITIES**

Item No	Unit	Quantity	Rate	Amount
<p><u>4</u></p> <p><u>METALWORK</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion and chemical expansion bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>The effective fixing length of expansion and chemical expansion bolts is the thickness of material being fixed to the masonry surface</p> <p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p><u>Drawings</u></p> <p>All dimensions to be checked on site before commencing with any works</p> <p style="text-align: right;">Carried to Collection</p> <p>Bill No. 4 METALWORK TENDER NO : CIA 6152 / 2019 / R</p>				<p>R</p>

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Glass

Glazing is to comply with Sagga Regulations irrespective of thickness shown on the schedules.

Rates are inclusive of tinted glazing where specified on the schedule

Sample of 8mm toughened glass with bevelled detail to be approved by the Principal Agent.

Joints and Sealants

All joints in frames shall be made by mechanical means

An approved silicone sealant / polyurethane is to be provided for both sides of all internal and external shopfronts between the aluminium frames and brick wall or concrete column and between the aluminium frame and plaster finish.

Waterproofing to the thresholds to be done by others

Structural Support

Should additional structural steelwork be necessary it must be sized and included in the cost of the relevant shopfronts. No exposed structural support steelwork will be permitted and all sections must be accommodated within the aluminium profile if necessary

Protection

Subcontractor shall ensure that the shopfronts are adequately protected with an approved tape or application up until the date of practical completion

Subcontractor is to liaise with the main contractor to ensure that sufficient protection against damage, etc is implemented

Keys

Keys to be labelled

Minimum two keys to be provided for each lock

Carried to Collection

Bill No. 4
METALWORK
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Certificates

The following certificates shall be provided prior to commencement of site work:

- 1 A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/ contractor supplying the architectural aluminium product
- 2 A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively
- 3 A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process.
- 4 A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked
- 5 A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years

Powder Coating

All Aluminium is to be powder coated to a colour matching the existing.

Powder coating to be guaranteed for 15 years.

Cleaning

Subcontractor is to liaise with the main contractor to ensure that the allowances is made for sufficient cleaning as required

Carried to Collection

Bill No. 4
METALWORK
TENDER NO : CIA 6152 / 2019 / R

R

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 4
METALWORK
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

BALUSTRADING, RAILS ETC

Stainless Steel Barrier

A	Stainless steel barrier approximate size fixed through tiles to concrete slab (PC Sum R 2 500/No delivered to site) - Detailed scope to be provided by Architect / Specialist	No	22
---	---	----	----

Stainless Steel Bumper Rail / Floor Rail

B	Stainless steel grade 304 80mm diameter bump rail butt-jointed fixed through tiles to concrete slab including 80mm diameter support pillar @ 1 000mm c/c - Detailed scope to be provided by Architect / Specialist	m	176
---	--	---	-----

C	Stainless steel 80mm diameter 304 graded bump rail circular on plan fixed through tiles to concrete slab - Detailed scope to be provided by Architect / Specialist	m	14
---	--	---	----

D	Extra over stainless steel grade 304 80mm bumper rail for end caps	No	68
---	--	----	----

Stainless Steel Transition Ramp

E	L-Shaped 50 x 50 x 5mm edging angle transition ramp (PC Sum of R 180/m2 excluding VAT, delivered to site) bolted to concrete slab with m12 chemical anchors @ 300mm spacings, including bent-up plate to cover edging member plate fixed with m10 countersunk chemical anchors bolts	m	200
---	--	---	-----

Carried to Collection

R

Bill No. 4
METALWORK
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

ALUMINIUM WINDOWS

Powder coated (colour: white, sans 1796 class 1 powder, applied by approved applicator) aluminium fixed pane window (standard system profiles to achieve u-value and SHGC, as specified on applicable sheet in schedule - sample to be provided with quotation) size complying with AAAMSA performance criteria A2 or higher, fitted with clip-on glazing beads with gasket seals with lugs plugged and screwed to brickwork or concrete, all in accordance with AAAMSA selection guide for glazed aluminium architectural aluminium products with laminated safety glass on all window panes plugged to brickwork and sealed with silicone sealant and waterproofing screed.

A Type W01 - 1 000 x 450mm high complete including glazing and ironmongery - Detailed scope to be provided by the Architect / Specialist

No

6

B Type W02 - 2 100 x 1 030mm high including glazing and ironmongery - Detailed scope to be provided by the Architect / Specialist

No

12

Carried to Collection

R

Bill No. 4
METALWORK
TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 4

METALWORK

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

46

47

48

49

50

51

Carried to Summary

R

Bill No. 4

METALWORK

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>5</u></p> <p><u>PLASTERING</u></p> <p>-----</p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Moisture tests:</u></p> <p>Before any finishes, coverings, etc are applied to screeds, plastering, etc or any other in-situ finish moisture tests are to be carried out to the complete satisfaction of the Principal Agent to ensure that these surfaces have the correct moisture content for the finish to be applied</p> <p><u>Labours, etc</u></p> <p>Labours such as fair, rounded and chamfered edges, trowel cuts, throats, V-joints, angles, etc shall be deemed to be included in the descriptions</p> <p><u>Mortar class</u></p> <p>All cement screeds to be in class I mortar</p> <p>All cement plastering to be in class II mortar</p> <p style="text-align: right;">Carried to Collection</p> <p>Bill No. 5 PLASTERING TENDER NO : CIA 6152 / 2019 / R</p>				<p>R</p>

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 5
PLASTERING
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

SCREEDS

Screeds on concrete

A	Average 50mm thick structural screed on floors to falls and currents	m ²	980
---	--	----------------	-----

CORNER PROTECTORS, DIVIDING STRIPS, ETC

B	Flat section brass dividing strips between different floor finishes	m	40
---	---	---	----

Carried to Collection

Bill No. 5
 PLASTERING
 TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 5

PLASTERING

COLLECTION

Total Brought Forward from Page No.

**Page
No**

53

54

55

Amount

Carried to Summary

R

Bill No. 5

PLASTERING

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>6</u></p>				
<p><u>TILING</u></p>				

<p><u>PREAMBLES</u></p>				
<p>The Model Preambles for Trades (2017 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>				
<p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p>				
<p><u>Descriptions</u></p>				
<p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors, etc shall be deemed to include 1:3 plaster bedding</p>				
<p>Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat</p>				
<p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from as recommended by the manufacturer of the tiles</p>				
<p>Tiling to floors and landings includes surface beds, landings and suspended slabs, with cement screed surface (cement screed measured elsewhere)</p>				
<p>Carried to Collection</p>				R
<p>Bill No. 6 TILING TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Attic stock

Contractor to ensure that a minimum of one box of each tile type is provided as attic stock, to be handed over at practical completion

Samples

Contractor to allow for and provide a minimum of four grouting samples of each tile type complete with at least four tiles fixed to a freestanding board, all for the principal agents approval

Descriptions

Prime Cost Amounts (PC) are the net selling price per m² as per the suppliers

The Contractor is to allow for in his rate for wastage and transport

Prices to included for supply, transport, wastage, storage, protection, cutting and laying of tiles complete including approved adhesive and grout, all in accordance with manufacturer's specifications and to the satisfaction of the Principal Agent.

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 6
TILING

TENDER NO : CIA 6152 / 2019 / R

R

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

<u>FLOOR TILING</u>				
<u>300 x 300 x 5mm internal Porcelain floor tiles (or similarly approved) (PC Sum of R 350/m2 excluding VAT, delivered to site) with PEI Class 3 rating, fixed to screed with tile adhesive on concrete surface slab in accordance with SANS 1200 D Degree of Accuracy, with joints continuous in both directions grouted with tile grout with minimum 5mm expansion joints at perimeter, all structural expansion and construction joints and maximum 5m centres internally, in both directions.</u>				
A	On floors and landings	m ²	570	
B	Ceramic tile skirting 145mm high	m	560	
<u>600 x 300 x 5mm external Porcelain floor tiles (or similarly approved) (PC Sum of R 350/m2 excluding VAT, delivered to site) with PEI Class 3 rating, fixed to screed with tile adhesive on concrete surface slab in accordance with SANS 1200 D Degree of Accuracy, with joints continuous in both directions grouted with tile grout with minimum 5mm expansion joints at perimeter, all structural expansion and construction joints and maximum 5m centres externally, in both directions.</u>				
C	On floors and landings	m ²	410	
D	Ceramic tile skirting 145mm high	m	140	
<u>SUNDRIES</u>				
<u>uPVC trims</u>				
E	12mm PVC trim	m	700	
Carried to Collection				R
Bill No. 6				
TILING				
TENDER NO : CIA 6152 / 2019 / R				

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES

Bill No. 6

TILING

COLLECTION

Total Brought Forward from Page No.

**Page
No**

57

58

59

Amount

Carried to Summary

R

Bill No. 6

TILING

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>7</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>uPVC pipes and fittings</u></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><u>Copper pipes</u></p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled half hard), Class 2 (half hard) and class 3 (heavy walled half hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be determined by Architect. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground</p> <p style="text-align: right;">Carried to Collection</p>				R
<p>Bill No. 7 PLUMBING AND DRAINAGE TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only largest end or branch size is give. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained

Exposed concrete surfaces

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

Excavations

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

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

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with the manufacturer's instructions

Where no manufacturer's instructions exist pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following:

SABS 1200	L	:	Medium-pressure pipelines
	LD	:	Sewers
	LE	:	Stormwater drainage

Pipe trenches etc shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches)
Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes).
Unless otherwise described bedding of rigid pipes shall be Class B bedding.

Flush pans

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

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

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

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

Waste unions

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

In addition to the above mentioned model preambles, the following supplementary preambles are to be adhered to

Qualified and Competent Staff

The plumbing subcontractor is to be registered with the Institute of Plumbing South Africa

uPVC pipes and fittings:

Soil, waste and vent pipes and fittings shall be solvent weld jointed

uPVC pressure pipes and fittings:

Pipes for water supply shall be of the class stated

Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings

Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints

Laying and Backfilling of all Drainage Pipes

All underground pipes are to be laid to the indicated fall in neatly excavated trenches.

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

In addition to the manufacturers instructions for laying and backfilling over the pipe, the following codes are to be adhered to:

- SANS 1200 LD - for sewers
- SANS 1200 LE - for stormwater drains
- SANS 1200 LB - bedding of pipes in trenches
- SANS 1200 DB - backfilling of pipe trenches

Copper Water Supply Piping and Fittings

The following classes of pipe will be used where indicated:

Class 0 - Thin walled hard drawn pipes. Cannot be bent

Class 1 - Thin walled hard drawn pipes. Can be bent

Class 2 - Medium walled hard drawn pipes. Can be bent

Class 3 - Heavy walled hard drawn pipes. Fittings to be used.

Only SABS approved compression fittings are to be used on the piping installation.

No compression fittings are to be used in walls or underground.

Only approved capillary type fittings are to be used. Such joints can be used in walls or underground.

Only fittings with the appropriately sized ends are to be used where such fittings exist. Should the **subcontractor** choose to use reducing bushes or pipe reducers to achieve the desired diameter, such extra costs will not be entertained and are for the **subcontractors** account.

Brackets shall be installed at spacings, as per the manufactures requirements. All brackets shall be "Sikla" rubber lined brackets, or similar approved, and rigidly fixed to the building structure and pipe with suitable anchors.

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

PPR Piping and Fittings

Only PPR piping and fittings from one manufacturer are to be used throughout. All joints shall be "Thermofusion" joints, unless specified otherwise.

The installation of the piping and fittings shall be strictly according to the manufacturers specifications.

Where a reduction in diameter of pipework occurs, the **subcontractor** shall make use of the most cost effective method to do so, either by utilising an appropriate T-piece, or by using a welded saddle connection.

The **subcontractor** is to ensure that all staff are adequately trained to work with this piping system.

Hot Water Equipment

All hot water equipment shall be installed complete with the required safety devices, as per SANS 10252-1 and SANS 10254. It shall be installed as per the manufactures specification and fixed securely to the building structure with appropriate anchors and fixings.

Plumbing and Drainage Installation

The scope of this document is as follows:

- Foul sewer drainage,
- Rainwater disposal,
- Domestic water supply

Sealing of edges

Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone

General

Descriptions of pipes laid in and including trenches and of inspection chambers, catch pits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 98% Mod AASHTO density and disposal of surplus material on site, as per "Method B" of the Standard System of Measuring Building Work.

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

All underground pipes laid in ground must be bedded on selected compacted filling at least 150mm thick.

Soft excavation and intermediate excavations, as defined in clause 3.1.2.B of SABS 1200 D, have not been identified by way of separate measurement.

The **subcontractor** shall thus include within his 'Pickable Earth' excavation rates for excavating in all material.

Pipe insulation

Insulation values of selected material shall be in accordance with SANS 204.

As-built drawings

Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer

Wire gratings

Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings

Exposed concrete surfaces

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

Descriptions

Prime Cost Amounts (PC) are the net selling price per m² as per the suppliers

The Contractor is to allow for in his rate for wastage and transport

Prices to included for supply, transport, wastage, storage, protection, cutting and laying of tiles complete including approved adhesive and grout, all in accordance with manufacturer's specifications and to the satisfaction of the Principal Agent.

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
TENDER NO : CIA 6152 / 2019 / R
PROVISIONAL BILLS OF QUANTITIES**

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 7
PLUMBING AND DRAINAGE
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

PLUMBING

SANITARY FITTINGS

Stainless steel or similar approved:

A Stainless steel prep bowl (PC Sum R1 100,00 each excluding VAT, delivered to site) set in joinery fitting, including sealing all round prep bowl with silicone sealant

No 6

WASTE UNIONS ETC

Waste

B CP heavy sink waste with 309 anti-theft plug and spindle

No 6

Traps

C 40mm CP Bottle trap

No 6

TAPS, VALVES, ETC

Taps

D Sink mixer (PC Sum R1 950,00 each excluding VAT delivered to site)

No 6

Valves

E 15mm regulating valve

No 12

SANITARY PLUMBING

uPVC pipes

F 40mm Pipes

m 27

Extra over uPVC soil and vent pipes for fittings:

G uPVC inspection eye

No 6

H uPVC Cleaning Eye

No 6

Carried to Collection

R

Bill No. 7
 PLUMBING AND DRAINAGE
 TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

	<u>40mm</u>			
A	50 x 40mm Reducer	No	6	
B	40mm Bend	No	12	
C	40mm Junction	No	6	
D	40mm Access bend	No	12	
	<u>100mm</u>			
E	110mm Reducer	No	6	
Carried to Collection				
Bill No. 7 PLUMBING AND DRAINAGE TENDER NO : CIA 6152 / 2019 / R				R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

WATER SUPPLIES

Class 1 copper pipes

A	15mm Pipes	m	15
B	22mm Pipes	m	30
<u>Extra over Class 1 copper pipes for capillary fittings</u>			
C	15mm Fittings	No	30
D	22mm Fittings	No	60

Carried to Collection

R

Bill No. 7
 PLUMBING AND DRAINAGE
 TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 7

PLUMBING AND DRAINAGE

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

61

62

63

64

65

66

67

68

69

70

Carried to Summary

R

Bill No. 7

PLUMBING AND DRAINAGE

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>8</u> <u>PAINTWORK</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>Surfaces are to be completely dry and free of all surface contamination</p> <p>Specified primer coats are to be applied prior to filling</p> <p>Fill all surface defects with suitable filling material and allow to dry</p> <p>Sand flush with surrounding surface and dust off</p> <p>All subsequent coatings are to be dry in depth before overcoating</p> <p>All masking and drop sheeting necessary to protect adjacent surfaces are to be supplied by the contractor</p> <p><u>Specific substrates preparation</u></p> <p>The contractor is to allow for all the preparation requirements where the term "prepare" is stated, as per these supplementary preambles</p> <p style="text-align: right;">Carried to Collection</p> <p>Bill No. 8 PAINTWORK TENDER NO : CIA 6152 / 2019 / R</p>				R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Cement plastered surfaces

Scrape down to remove cement splashes

Once suitably primed fill all surface defects on exterior surfaces and on internal surfaces

Sand flush with surrounding surface and dust off

Gypsum skimmed surfaces

Scrape off all splashes or runs

Wipe down entire surface with a damp cloth to remove surface powder and dust

Once primed as specified fill all surface defects

Sand flush with surrounding surface and wipe clean.

Woodwork to be painted

Treat all knots and other resinous areas with Knotting Compound

Prime all nail and screw heads with specified, and stop up

If necessary flush fill all suitably primed grain

Sand down to a smooth surface in the direction of the grain, rounding off all sharp edges and dust off

All exterior woodwork and internal frames to be primed all round prior to fixing

Window rebates to be primed and undercoated prior to glazing

Carried to Collection

Bill No. 8

PAINTWORK

TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Screeded floors

Wash off all oils, grease or other surface contamination and a scrubbing brush

Wash off with clean water and allow to dry in depth

It is imperative that the entire floor be totally dry in depth prior to commencement of painting

Patch surface defects

Colours

Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091

Sealants

Approved acrylic paintable sealants are to be included in the rate (preparations)

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces:

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

Previously painted wood surfaces:

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

Carried to Collection

Bill No. 8

PAINTWORK

TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

COLOURS

Unless otherwise described, all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091

When staining timber, the resultant colour or shade must be to the complete satisfaction of the Principal Agent before any overcoating or preservative is applied

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 8
PAINTWORK
TENDER NO : CIA 6152 / 2019 / R

R

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

<u>PAINTWORK, ETC TO NEW WORK</u>				
<u>ON PLASTERBOARD SURFACES</u>				
<u>One coat plaster primer and two coats Hygiene Low Sheen or similar approved by Architect - Detailed scope to be provided by the Architect / Specialist</u>				
A	On ceilings	m ²	260	
<u>One coat alkali resistant primer and two coats premium quality ultra matt, fully washable and stain resistant acrylic emulsion paint for interior use or similar approved by Architect - Detailed scope to be provided by the Architect / Specialist</u>				
B	On partitions	m ²	1 736	
<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for exterior use or similar approved by Architect - Detailed scope to be provided by the Architect / Specialist</u>				
C	On partitions	m ²	437	
<u>ON WOOD</u>				
<u>Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint or similar approved by Architect - Detailed scope to be provided by the Architect / Specialist</u>				
D	On doors	m ²	100	
<u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u>				
<u>ON INTERNAL FLOATED PLASTER SURFACES</u>				
<u>One coat primer and two coats acrylic paint for interior use, on work in poor condition - Detailed scope to be provided by the Architect / Specialist</u>				
E	Walls and columns	m ²	22	
<u>ON EXTERNAL FLOATED PLASTER SURFACES</u>				
Carried to Collection				R
Bill No. 8				
PAINTWORK				
TENDER NO : CIA 6152 / 2019 / R				

SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

	<p><u>One coat primer and two coats acrylic paint for interior use, on work in poor condition - Detailed scope to be provided by the Architect / Specialist</u></p>				
A	Walls and columns	m ²	42		
	<p><u>One undercoat and three coats paint, on work in poor condition - Detailed scope to be provided by the Architect / Specialist</u></p>				
B	Doors including frame	m ²	20		
	Carried to Collection			R	
	<p>Bill No. 8 PAINTWORK TENDER NO : CIA 6152 / 2019 / R</p>				

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 8

PAINTWORK

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

72

73

74

75

76

77

Carried to Summary

R

Bill No. 8

PAINTWORK

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>9</u></p> <p><u>EXTERNAL WORK</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2017 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground:</u></p> <p>The nature of the ground is assumed to be loose sandy material, gravel or silty clay with loose silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Should the Contractor encounter any "soft" or "hard" rock in the excavations, he shall immediately notify the Engineer who shall be the sole arbiter as to what constitutes "soft" or "hard" rock for final account purposes</p> <p><u>Subterranean water:</u></p> <p>Subterranean water levels will vary from site to site</p> <p>The Contractor shall inform the Principal Agent of any subterranean water encountered on site and submit recommendations and a cost for keeping works free from subterranean water</p> <p style="text-align: center;">Carried to Collection</p> <p>Bill No. 9 EXTERNAL WORK TENDER NO : CIA 6152 / 2019 / R</p>				R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Excavation for working space in rock:

Notwithstanding clause 11 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be

Carting away of excavated material:

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

Filling:

Notwithstanding the reference to prescribed multiple handling in Clause 1 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

Testing:

Prices for backfilling to trenches and holes only are to include for all necessary density tests in accordance with SANS 1200D

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

NOTE

Unless otherwise described, all work in this trade is to be carried out in/to existing buildings

Carried to Collection

Bill No. 9
EXTERNAL WORK
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

<u>DEMOLITIONS, ALTERATIONS, ETC</u>					
<u>Breaking up and removing:</u>					
A	40mm Thick bituminous premix tarmacadam road surfacing	m ²	110		
<u>BULK EXCAVATION, FILLING, ETC</u>					
<u>Extra over all excavations for carting away</u>					
B	Surplus material from excavations and/or stock piles on site to a dumping site situated approximately 5km from the building site	m ³	14		
<u>Earth filling supplied by the contractor compacted to 95% Mod AASHTO density</u>					
C	Compaction of ground surface under paving areas, etc., including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% (100% for sand) MOD AASHTO density	m ²	55		
<u>Bituminous premix surfacing</u>					
D	25mm consolidated asphalt wearing course on and including bitumen primer including compacting and consolidating to falls including all necessary layer works	m ²	55		
<u>PAINT TO TARMAc SURFACES FOR PARKING BAYS</u>					
E	Demarcation of Parking Bays - Painting	m	120		
<u>BOLLARDS</u>					
<u>Custom manufactured galvanised steel framed bollard including galvanised finish, fixed through tiles to concrete below according to detail - As per manufacturers / specialists details and specifications (Dwg No A.04.1 - 1st Floor Site Plan)</u>					
F	Type 1 GMS Bollards to Engineers detail	No	26		
G	Type 2 GMS Bollards to Engineers detail	No	4		
Carried to Collection					R
Bill No. 9 EXTERNAL WORK TENDER NO : CIA 6152 / 2019 / R					

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

A	Type 3 GMS Bollards to Engineers detail	No	6	
	<u>FENCING</u>			
	<u>Fencing in high density pressed mesh panel fencing, formed of 4mm diameter horizontal and 4mm diameter vertical high tensile wires galvanised with zinc-aluminium coating, bolted with vandal resistant bolts and 70 x 6mm flat plates to 70 x 70 x 6mm post at 3.050m centres with sealed end caps with posts bedded in 15MPa 20mm aggregate concrete bases size 400 x 400 x 700mm deep</u>			
B	2 100mm high Security fence or similar approved by Architect including all necessary fixtures and fittings complete	m	30	
	<u>GATES, ETC</u>			
	<u>Single swing pedestrian gate including lock, etc complete</u>			
C	1 000 x 2 000mm High with zinc-aluminium coating or similar approved by Architect including all necessary fixtures and fittings complete	No	2	
	<u>Sliding vehicular gate including ground beam, lock, etc complete</u>			
D	5 000 x 2 000mm High with zinc-aluminium coating or similar approved by Architect including all necessary fixtures and fittings complete	No	2	
	<u>BUDGETARY ALLOWANCE</u>			
E	Allow the Budgetary Allowance of R30 000.00 Thirty Thousand NET for transition concrete ramp access complete, to be used as directed by the principal agent and deducted in whole or in part if not required		Item	30 000.00
	Carried to Collection			R
	Bill No. 9 EXTERNAL WORK TENDER NO : CIA 6152 / 2019 / R			

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 9

EXTERNAL WORK

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

79

80

81

82

Carried to Summary

R

Bill No. 9

EXTERNAL WORK

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No	<u>FINAL SUMMARY - Bills of Quantities</u>	Page No	Amount
1	ALTERATIONS AND ADDITIONS	36	
2	PRECAST CONCRETE	39	
3	CEILINGS, PARTITIONS AND ACCESS FLOORING	45	
4	METALWORK	52	
5	PLASTERING	56	
6	TILING	60	
7	PLUMBING AND DRAINAGE	71	
8	PAINTWORK	78	
9	EXTERNAL WORK	83	
	SUB-TOTAL		R
	Carried to Form of Tender		R
	TENDER NO : CIA 6152 / 2019 / R		

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

Item No	Unit	Quantity	Rate	Amount
<p><u>1</u></p> <p><u>PROVISIONAL ALLOWANCES</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p><u>General:</u></p> <p>All Provisional Allowances are net</p> <p>Each Provisional Allowance includes for work and/or the supply of material and/or plant that could be to be carried out and/or supplied by more than one subcontractor, specialist and/or supplier</p> <p>In terms of Provisional Allowances, where work is required by a Specialist Subcontractor, materials acquired under a Prime Cost Amount or special plant required to complete the work, the Contractor shall obtain and submit three (3) quotations to the Principal Agent for approval before the work proceeds</p> <p><u>Builder's Markup:</u></p> <p>Provision has been made for the Contractor to price for Builder's Markup on each of the following Provisional Allowances</p> <p><u>SUBCONTRACT AMOUNTS</u></p> <p><u>General:</u></p> <p>Subcontract Amounts are for material and equipment supplied and installed complete by firms of specialists</p> <p>Specialist Subcontractors shall not only include subcontractors that have been acquired by the Contractor, but shall also mean Nominated/Selected subcontractors</p> <p><u>General Attendance on Specialist Subcontractors:</u></p> <p style="text-align: right;">Carried to Collection</p> <p>Bill No. 1 PROVISIONAL AMOUNTS TENDER NO : CIA 6152 / 2019 / R</p>				<p>R</p>

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

The item "General Attendance" which follows the subcontract amount for Specialist Subcontractors' work, shall be deemed to cover all the Contractor's costs incurred in providing free of charge to the Specialist Subcontractors, the following:

1. Access to the site and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the Contractor
2. The provision of water and lighting and of single phase electric power to a position within 50 metres of the place where the subcontract work is to be carried out but excluding water, fuel and power for commissioning of any installation
3. The provision of an area for the subcontractor to establish temporary office accommodation and workshops and for the storage of plant and materials
4. The use of erected scaffolding belonging to the Contractor, in common with others having the like right, while it remains erected on the site
5. The use, at reasonable times by arrangement, of the Contractor's erected hoisting equipment
6. Making good in all trades and cleaning down and removal of rubbish on completion

Builder's work:

Builder's work in connection with specialist services is given elsewhere in these bills of quantities

**DRAWINGS, SPECIFICATIONS, DETAILS, SCHEDULES,
PERFORMANCE REQUIREMENTS**

The Contractor shall refer to the drawings, specifications, details, schedules provided by the Architect / Specialists for detailed performance requirements related to this project

Carried to Collection

Bill No. 1
PROVISIONAL AMOUNTS
TENDER NO : CIA 6152 / 2019 / R

R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

TIMBER DOORS

A Allow the provisional sum of R200 000.00 (Two Hundred Thousand) for the Timber Doors installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 200 000.00

B Add for profit

%

C Allow for attendance

%

GLAZED ALUMINIUM WINDOWS

D Allow the provisional sum of R100 000.00 (One Hundred Thousand) for the Glazed Aluminium Windows Installation including ironmongery complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 100 000.00

E Builder's Markup0

%

F General Attendance

%

ALUMINIUM DOORS

G Allow the provisional sum of R300 000.00 Three Hundred Thousand for the Aluminium Doors Installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 300 000.00

H Builder's Markup

%

I General Attendance

%

JOINERY

J Allow the provisional sum of R250 000.00 Two Hundred and Fifty Thousand for all the Joinery Installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 250 000.00

K Add for profit

%

L Allow for attendance

%

Carried to Collection

R

Bill No. 1

PROVISIONAL AMOUNTS

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

SIGNAGE - HEALTH AND SAFETY

A Allow the provisional sum of R85 000.00 Eighty Five Thousand for the Health and Safety Signage installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 85 000.00

B Builder's Markup

%

C General Attendance

%

SIGNAGE - NAME / DIRECTIONAL

D Allow the provisional sum of R200 000.00 Two Hundred Thousand for the Name / Directional Signage Installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 200 000.00

E Builder's Markup

%

F General Attendance

%

VALET OPERATORS BRAND SIGNAGE

G Allow the provisional sum of R180 000.00 One Hundred and Eighty Thousand for Valet Operators Brand Signage installation complete to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 180 000.00

H Builder's Markup

%

I General Attendance

%

CORE DRILLING

J Allow the provisional sum of R100 000.00 One Hundred Thousand for Core Drilling to be executed by the main contractor / sub-contractor - Detailed scope to be provided by the Architect / Specialist

Item 100 000.00

K Builder's Markup

%

L General Attendance

%

Carried to Collection

R

Bill No. 1

PROVISIONAL AMOUNTS

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

ELECTRICAL INSTALLATION

A Allow the provisional sum of R500 000.00 Five Hundred Thousand for the Electrical Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

Item 500 000.00

B Builder's Markup

%

C General Attendance

%

ELECTRONIC INSTALLATION

D Allow the provisional sum of R385 000.00 Three Hundred and Eighty Five Thousand for the Electronic Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

Item 385 000.00

E Builder's Markup

%

F General Attendance

%

HVAC INSTALLATION

G Allow the provisional sum of R558 000.00 Five Hundred and Fifty Eight Thousand for the HVAC Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

Item 558 000.00

H Builder's Markup

%

I General Attendance

%

FIRE DETECTION INSTALLATION

J Allow the provisional sum of R161 000.00 One Hundred and Sixty One Thousand for the Fire Detection Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

Item 161 000.00

K Builder's Markup

%

L General Attendance

%

Carried to Collection

R

Bill No. 1

PROVISIONAL AMOUNTS

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA**

TENDER NO : CIA 6152 / 2019 / R

PROVISIONAL BILLS OF QUANTITIES

FIRE PROTECTION INSTALLATION

A Allow the provisional sum of R53 000.00 Fifty Three Thousand for the Fire Protection Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

B Builder's Markup

C General Attendance

Item

53 000.00

%

%

WET SERVICES INSTALLATION

D Allow the provisional sum of R251 000.00 Two Hundred and Fifty One Thousand for the Wet Services Installation complete to be executed by the sub-contractor - Detailed scope to be provided by the Specialist

E Builder's Markup

F General Attendance

Item

251 000.00

%

%

Carried to Collection

R

Bill No. 1

PROVISIONAL AMOUNTS

TENDER NO : CIA 6152 / 2019 / R

**SUPPLY, CONSTRUCT AND COMMISSIONING OF VALET OPERATORS,
 MODULAR OFFICES IN PARKADE 1 ON FIRST FLOOR AT CTIA
 TENDER NO : CIA 6152 / 2019 / R
 PROVISIONAL BILLS OF QUANTITIES**

Bill No. 1

PROVISIONAL AMOUNTS

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

85

86

87

88

89

90

Carried to Form of Tender

R

Bill No. 1

PROVISIONAL AMOUNTS

TENDER NO : CIA 6152 / 2019 / R

