RANDBURG CIVIC CENTRE BILL OF QUANTITIES

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SECTION NO. 1				
DILL NO. 1				
BILL NO. 1				
PRELIMINARY AND GENERAL				
BUILDING AGREEMENT AND PRELIMINARIES				
The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement amended as hereinafter described				
The JBCC Principal Building Agreement contract data form an integral part of this agreement				
The JBCC General Preliminaries (Edition 6.2 - May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities amended as hereinafter described				
The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause				
The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only				
Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"				
Where standard clauses or alternatives are not entirely applicable to this agreement such amendments modifications corrections or supplements as will apply are given under each relevant clause heading and such amendments modifications corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents.				
PREAMBLES FOR TRADES				
The General Preambles for Trades 2017 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 General Preambles will be entertained				
Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the Model Preambles				
The contractor's prices for all items throughout these bills of quantities shall take account of and include for all of the obligations requirements and specifications given in the Model Preambles and in any supplementary preambles and/or specifications				
STRUCTURE OF THIS PRELIMINARIES BILL				
Section A : A recital of the headings of the individual clauses of the aforementioned JBCC Principal Building Agreement				
Section B : A recital of the headings of the individual clauses of the aforementioned Preliminaries document				
Section C : Any special clauses to meet the particular circumstances of the project				
PRICING OF PRELIMINARIES				
Should the contractor select Option A in the contract data for the adjustment of preliminaries the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F) value related (V) and time related (T)				
1.	-	1		

	Interpretation (A1-A7)			
1	Clause 1.0 - Detinitions and interpretation Pricing of bills of			
·	quantities The contractor is to allow opposite each item for all			
	costs in connection therewith. All prices to include unless otherwise stated for all materials fabrication conveyance and			
	delivery unloading storing unpacking hoisting labour setting			
	fitting and fixing in position cutting and waste (except where to			
	be measured in accordance with the standard system of			
	measurement) patterns models and templates plant			
	temporary works returning of packaging duties taxes (other			
	than Value Added Tax) imposts establishment charges			
	overheads profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated			
	on the summary page of these bills of quantities. Items left			
	unpriced will be deemed to be covered in prices against other			
	items throughout these bills of quantities and no claim for any			
	extras arising out of the contractor's omission to price any item			
	will be entertained Prices for all construction equipment			
	temporary works services and other items shall include for the			
	supply maintenance operating cost and subsequent removal and making good as necessary. Abbreviated descriptions. The			
	items in these bills of quantities utilise abbreviated descriptions. It			
	is the intention that the abbreviated descriptions be fully			
	described when read with the applicable measuring system			
	and the relevant preambles and/or specifications. However			
	should the full intent and meaning of any description not be			
	clear the contractor shall before submission of his tender call for a written directive from the principal agent failing which it			
	for a written alrective from the principal agent falling which it shall be assumed that the contractor has allowed in his pricing			
	for materials and workmanship in terms of international best			
	practice Legal status of contractor If the contractor constitutes			
	a joint venture consortium or other unincorporated grouping of			
	two or more persons then: 1.These persons are deemed to be	Item	1	R -
	Clause 2.0 - Law, regulations and notices F:			
2	V:T:	Item	1	R -
3	Clause 3.0 - Offer and acceptance F:			
	V: T: T:	Item	1	R -
				
4	Clause 4.0 - Cession and assignment F:			
4	Clause 4.0 - Cession and assignment F:V:	Item	1	R -
	V:T:T:	Item	1	R -
	V:T:			
	V:T:T:	Item Item	1	R -
5	V:T:			
5	V:		1	
5	V:T:		1	
5	V:		1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1	
5	V:	Item	1 1 1	
5	V:	Item	1	
5	V:	Item	1 1 1	
5	V:	Item	1 1 1	
5	V:	Item	1 1 1	
5	V:	Item	1 1 1 1 1 1 1	
5	V:	Item	1 1 1 1	
5	V:	Item	1 1 1 1 1 1 1	
5	V:	Item	1 1 1 1 1 1 1 1 1 1	
5	V:	Item	1 1 1 1 1 1 1	
5	V:	Item	1 1 1 1 1 1 1 1 1 1	
5	V:	Item	1 1 1 1 1 1 1 1 1 1	

		Т	Г
1.2.6 Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]	1		
1.2.7 Removal or re-execution of work	1		
1.2.7 Removal of to exceeding the work			
1.2.8 Removal or substitution of any materials and goods	1		
1.2.9 Protection of the works	1		
1.2.10 Making good physical loss and repairing damage to the			
works [23.2.2]	1		
1.2.11 Rectification of defects [21.2]	1		
1.2.12 A list for practical completion specifying outstanding or			
defective work to be rectified to achieve practical completion,			
a list for completion and a list for final completion specifying			
outstanding or defective work to be rectified to achieve final			
completion	1		
1.2.13 Expenditure of budgetary allowances, prime cost			
amounts and provisional sums	1		
1.2.14 Appointment of a subcontractor [14.0; 15.0]	1		
1.2.15 Work by direct contractors [16.0]	1		
	<u> </u>		
1.2.16 On suspension or termination, protection of the works,			
removal of construction equipment and surplus materials and	,		
goods [29.0]	<u> </u>		
2. Quantity surveyor	1		
2.1 Duties [6.2]: The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other			
quantity surveying and cost control functions of the works	1		
455, 555,			
2.2 Contract instructions [6.2; 17.1]:	1		
2.2.1 No contract instructions delegated to the quantity			
surveyor	1		
3. Civil and structural engineer	1		
3.1 Duties [6.2]: The civil and structural engineer is responsible			
for all aspects of civil and structural engineering design and			
quality inspection of the works	1		
2.0 Contract instructions [/ 0, 17.1]	,		
3.2 Contract instructions [6.2; 17.1]:			
3.2.1 Rectification of discrepancies, errors in description or			
quantity or omission of items in the agreement other than in the			
JBCC Principal Building Agreement	1		
3.2.2 Alteration to design, standards or quantity of the works			
provided that such contract instructions shall not substantially			
change the scope of the works	1		
3 2 3The site [13 0]	1		
3.2.3The site [13.0]			
3.2.4Compliance with the law, regulations and bylaws [2.1]	1		
3.2.5 Provision and testing of samples of materials and goods			
and/or of finishes and assemblies of elements of the works	1		
3.2.6 Opening up of work for inspection, removal or re-			
execution [23.2.4; 26.4.2]			
3.2.7Removal or re-execution of work	1		
3.2.8Removal or substitution of any materials and goods	1		
3.2.9Protection of the works	1		
3.2.10 Making good physical loss and repairing damage to the			
works [23.2.2]	1		
3.2.11Rectification of defects [21.2]	1		

	3.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final		
	completion	1	
	3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums	1	
	4. Mechanical engineer	1	
	4.1 Duties [6.2]: The mechanical engineer is responsible tor all aspects of mechanical engineering design and quality linspection of the works and, where appointed by the employer		
	for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions	1	
		-	
	4.2 Contract instructions [6.2; 17.1]:	1	
	4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement	1	
	4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works	1	
	4.2.3Compliance with the law, regulations and bylaws [2.1]	1	
	4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works	1	
	4.2.5 Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]	1	
	4.2.6Removal or re-execution of work	1	
	40.70		
	4.2.7Removal or substitution of any materials and goods		
.	4.2 Protection of the works	1	
	4.2.8Protection of the works	1	
	4.2.9 Making good physical loss and repairing damage to the works [23.2.2]	1	
	4.2.10Rectification of defects [21.2]	1	
	4.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion	1	
	40.10 Europaliture of levels to the control of the		
	4.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums	1	
1			

5.1 C aspe of the surve meas quan	ectrical engineer Duties [6.2]: The electrical engineer is responsible for all	I	
aspe of the surve meas quan			
5.2 C	ects of electrical engineering design and quality inspection ne works and, where appointed by the employer for quantity eying services in respect of the electrical installations, for all assurements, valuations, financial assessments and all other ntity surveying and cost control functions	1	
l 0	Contract instructions [6.2; 17.1]:	1	
	Rectification of discrepancies, errors in description or ntity or omission of items in the agreement other than in the C Principal Building Agreement	1	
provi	2 Alteration to design, standards or quantity of the works vided that such contract instructions shall not substantially nge the scope of the works	1	
5.2.30	3Compliance with the law, regulations and bylaws [2.1]	1	
	Provision and testing of samples of materials and goods /or of finishes and assemblies of elements of the works	1	
	Opening up of work for inspection, removal or recution [23.2.4; 26.4.2]	1	
5.2.6F	Removal or re-execution of work	1	
5 2 71	Removal or substitution of any materials and goods	1	
5.2.8	Protection of the works	1	
	Making good physical loss and repairing damage to the cs [23.2.2]	1	
5.2.10	ORectification of defects [21.2]	1	
defe a list outst	A list for practical completion specifying outstanding or ective work to be rectified to achieve practical completion, t for completion and a list for final completion specifying tanding or defective work to be rectified to achieve final appletion	1	
5.0.10	2 Expenditure of budgetary allowances, prime cost		
	ounts and provisional sums	1	
6. We	et services engineer	1	
aspe	Duties [6.2]: The wet services engineer is responsible for all ects of wet services engineering design and quality ection of the works	1	
6.2 C	Contract instructions [6.2; 17.1] :	1	
	Rectification of discrepancies, errors in description or ntity or omission of items in the agreement other than in the C Principal Building Agreement	1	
provi	2 Alteration to design, standards or quantity of the works vided that such contract instructions shall not substantially nge the scope of the works	1	
6.2.30	Compliance with the law, regulations and bylaws [2.1]	1	
	Provision and testing of samples of materials and goods /or of finishes and assemblies of elements of the works	1	
	Opening up of work for inspection, removal or recution [23.2.4; 26.4.2]	1	
6.2.6F	Removal or re-execution of work	1	
6.2.7	Removal or substitution of any materials and goods	1	
6.2.8	BProtection of the works	1	
	Making good physical loss and repairing damage to the		
	ks [23.2.2]	1	
6.2.10	ORectification of defects [21.2]	1	

	6.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion		1	
	6.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		1	
	7. Fire consultant		1	
	7.1 Duties [6.2]: The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works		1	
	7.2 Contract instructions [6.2; 17.1]:		1	
	7.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement		1	
	7.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		1	
	7.2.3Compliance with the law, regulations and bylaws [2.1]		1	
	7.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		1	
	7.2.5 Opening up of work for inspection, removal or re- execution [23.2.4; 26.4.2]		1	
	7.2.6Removal or re-execution of work		1	
	7.2.7Removal or substitution of any materials and goods		1	
	7.2.8Protection of the works		1	
	7.2.9 Making good physical loss and repairing damage to the works [23.2.2]		1	
	7.2.10Rectification of defects [21.2]		1	
	7.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion		1	
	7.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		1	
	8. Health and safety consultant		1	
	8.1 Duties [6.2]: The health and satety consultant is responsible for all aspects of health and safety of the works. Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works. He shall:		1	
	8.1.1 Act as the employer's agent in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended		1	
	8.1.2 Prepare and update the health and safety specification for the works		1	
	8.1.3 Agree with the contractor the health and safety plan for the works		1	
	8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations		1	
	8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to		1	
	F:T:	Item	1	R -
7	Clause 7.0 - Design responsibility F:V:	Item	1	R -
	Insurances and securities (A8-A11)			

			,	
_	Clause 8.0 - Works risk F: V: T:	Item	1	R -
,	Clause 9.0 - Indemnities F: V: T:	Item	1	R -
	Clause 10.0 - Insurances F: V:	Item	1	R -
	Clause 11.0 - Securities Clause 11.5 Omit this clause in its entirety Clause 11.5.1 Omit this clause in its entirety Clause 11.5.2 Omit this clause in its entirety Clause 11.6 Omit this clause in its entirety Clause 11.10 Omit the words "on receipt of a Guarantee for Payment from the employer" Extension of waiver of lien The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10] F:		1	R -
	Execution (A12 - A17)			
	Clause 12.0 - Duties of the partiesOffice accommodationThe contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]Notice boardThe contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor, and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]Statutory and other noticesThe contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related theretoF:		1	R -
13	Clause 13.0 - Setting out F: V:	Item	1	R -
		пеш	I	
14	Clause 14.0 - Nominated subcontractors F: V:T:	Item	1	R -
15	Clause 15.0 - Selected subcontractors F: V:T:	Item	1	R -
	Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1]			
	F: V: T:	Item	1	R -
17	Clause 17.0 - Contract instructionsSite instructionsInstructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor F:		1	R -
	Completion (A18 - A24)			
18	Clause 18.0 - Interim completion F:V:V:	Item	1	R -
19	Clause 19.0 - Practical completion F:V:	Item	1	R -

20	Clause 20.0 - Completion in sections F:	l		
20	V:T:	Item	1	R -
21	Clause 21.0 - Defects liability period and final completion F:	Item	1	R -
22	Clause 22.0 - Latent defects liability period F:V:	Item	1	R -
23	Clause 23.0 - Revision of the date for practical completion Substitution of materials and goods The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8, 23.1 & 2] F		1	R -
24	Clause 24.0 - Penalty for late or non-completion F:V:	Item	1	R -
	Payment (A25 - A27)			
25	Clause 25.0 - Payment Clause 25.10 Replace "fourteen (14)" with "thirty (30)" Materials and goods prematurely on site Materials and goods brought onto the site prematurely shall not be authorised for payment [25.3.2] Materials and goods stored off site Materials and goods stored off site shall not be authorised for payment [25.3.2] Fluctuations in costs All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [25.3.4] Prices submitted Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing F		1	R -
0.4	F:	item		K -
26	Clause 26.0 - Adjustment of the contract value and final account Fluctuations in costs. All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [26.9.5] Tenant installations/users requirements delayed. There is a possibility that certain works related to tenant installations/users requirements may have to be delayed and may consequently not be executed prior to practical completion. Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works. The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission Cost of claims. All costs incurred by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs. Claims from subcontractors. The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6] Fi			R -
27	Clause 27.0 - Recovery of expense and/or loss F:			
	V:T:	Item	1	R -
	Suspension and termination (A28 - A29)			
28	Clause 28.0 - Suspension by the contractor F:V:	Item	1	R -
29	Clause 29.0 - Termination F:V:	Item	1	R -
	Dispute resolution (A30)			

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30	Clause 30.0 - Dispute resolution F:V:V:	Item	1	R -
31	Agreement The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:	Item	1	R -
32	Contract data Tenderer's selection Before submission of his tender the contractor is to complete the tenderer's selection in the contract data F:	Item	1	R -
	SECTION B: GENERAL PRELIMINARIES			
	Definitions and interpretation (B1)			
33	Clause 1.1 - Definitions F: V:	Item	1	R -
34	Clause 1.2 - Interpretation F:V:V:	Item	1	R -
	Documents (B2)			
35	Clause 2.1 - Checking of documents F:V:	Item	1	R -
36	Clause 2.2 - Provisional bills of quantities Multiple procurement These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or provisional sums F:		1	R -
37	Clause 2.3 - Availability of construction information Budgetary allowances and provisional sums The budgetary allowances and/or provisional sums allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of subcontractors during the construction period F:	Item	1	R -
38	Clause 2.4 - Ordering of materials and goods F:			
	V: T:	Item	1	R -
	Previous work and adjoining properties (B3)			
39	Clause 3.1 - Previous work - dimensional accuracy F:T:	Item	1	R -
	Clause 3.2 - Previous work - defects F	Item	1	R -
41	Clause 3.3 - Inspection of adjoining properties F: Y:	Item	1	R -
	•			
	Clause 4.1- Handover of site in stages F:	Item	1	R -
43	Clause 4.2 - Enclosure of the works F: V: T:	Item	1	R -
44	Clause 4.3 - Geotechnical and other investigations F:	Item	1	R -
45	Clause 4.4 - Encroachments F: V:	Item	1	R -
	Clause 4.5 - Existing premises occupied FV:	Item	1	R -
47	Clause 4.6 - Services - known F: V:	Item	1	R -
	Management of contract (B5)			
48	Clause 5.1 - Management of the works F:V:	Item	1	R -

			•	
49	Clause 5.2 - Progress meetings F:V:V:	Item	1	R -
50	Clause 5.3 - Technical meetings F:V:V:	Item	1	R -
	Samples, shop drawings and manufacturer's instructions (B6)			
51	Clause 6.1 - Samples of materials F:V:	Item	1	R -
52	Clause 6.2 - Workmanship samples FV:	Item	1	R -
	Clause 6.3 - Shop drawings F:V:	Item	1	R -
54	Clause 6.4 - Compliance with manufacturer's instructions F:	Item	1	R -
	Deposits and fees (B7)			
	Clause 7.1 - Deposits and fees F:	Item	1	R -
	Temporary services (B8)			
56	Clause 8.1 - Water F: V: T:	Item	1	R -
57	Clause 8.2 - Electricity F: V: T:	Item	1	R -
58	Clause 8.3 - Ablution and welfare facilities F:V:	Item	1	R -
59	Clause 8.4 - Communication facilities F:V:	Item	1	R -
	Prime cost amounts (B9)			
60	Clause 9.1 - Responsibility for prime cost amounts F:V:	Item	1	R -
	Attendance on subcontractors (B10)			
61	Clause 10.1 - General attendance F: V: T: T: T:	Item	1	R -
62	Clause 10.2 - Special attendance F: V:	Item	1	R -
	General (B11)			
63	Clause 11.1 - Protection of the works F: V:	Item	1	R -
64	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:	Item	1	R -
65	Clause 11.3 - Security of the works F: V:	Item	1	R -
66	Clause 11.4 - Notice before covering work F:V:	Item	1	R -
	Clause 11.5 - Disturbance All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever F:			

Glosse 11.3 - Enversemental distributions. Contributing a form of pollution the contribution of another to another the contribution period use intered also notes, artificial light, which blown sond, dust, deposit of mud, etc. Fill. ### Closse 11.5 - Vermin Fr. ### Closse 11.7 - Verific denoing and clearing Fr. ### It is a contribution of the					
To Clause 11.8 Vermin F	68	precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, windblown sand, dust, deposits of mud, etc. F		1	٠ ،
Clause 11.10 - Toverhand work F. Item 1 R	69		Item	1	R -
Clause 11.10 - Toverhand work F. Item 1 R					
Times	70		Item	1	R -
Times Time	71		Item	1	R -
SECTION C. SPECIFIC PRELIMINARIES SECTION C. SPECIFIC PRELIMINARIES	72		Item	1	R -
Site instructions instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor F:	73	•	Item	1	R -
Site instructions instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor F:					
triplicate in a site instruction book which is to be maintained on site by the contractor F		SECTION C: SPECIFIC PRELIMINARIES			
warranies for materials and/a workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/a work and shall deliver same to the principal agent on the final competion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical competion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor F	74	triplicate in a site instruction book which is to be maintained on site by the contractor F:		1	R -
warranies for materials and/a workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/a work and shall deliver same to the principal agent on the final competion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical competion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor F					
Overtime Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer F:	75	materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or doing the work and shall deliver same to the principal agent on the final completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall			
reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer F:		T:	Item	1	R -
reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer F:					
77 Co-operation of the contractor for cost management. It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget F:	76	reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer F		1	R -
specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget F			110111		K
Overloading The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense F	77	specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not			
Overloading The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense F:	<u> </u>	T	Item	1	К -
propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor		ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense F:		1	R -
	79	propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor		1	R -

		,		1	
80	lesting of flat root waterprooting for waterfightness. Hat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent, flooded with water and kept "ponded" for at least forty (40) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing F:		1		R -
81			1		
81	Advertising rights The employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. Position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting the obligations under this agreement F:		1		R -
	Contidentiality The contractor undertakes to maintain in				
82	confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works No information regarding this project shall be published or disclosed without the prior written consent of the employer F:		1		R -
- 00	Media releases. All rights of publication of articles in the media,				
83	together with any advertising relating thereto or in any way connected with this project, shall vest with the employer The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media F:				
-	T:	Item	- '		R -
84					
04	Testing of windows for watertightness Each window shall be tested for watertightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means F:		1		R -
85	Non-Cession of Monies The Contractor shall not cede or assign his right or claims to any monies due to or to become due under this Contract F:	Item	1		R -
86					
	Proprietary Branded Products The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after construction with the manufacturer's authorised representative F:	Item	1		R -
	Drawings on Site The Contractor shall maintain on Site at all		-		
87	times, a complete set of the latest revisions of the working drawings issued by the Architect, the Engineer, and the Electrical Consultant F:		1		R -
					-
88	Labour Record At the end of each week the contractor shall provide the 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 F:		1		R -
89	Scaffolding No scaffolding is measured as these Bills of Quantities are based on the sixth edition of the Standard System for Measuring Building Work. However, the Tenderer is advised to study the drawings as scaffolding may be required in certain areas for use by himself and selected/nominated subcontractors and the contractor must establish or otherwise required by him or selected/nominated subcontractor including taking down and re-erecting as may be necessary and no claims whatsoever will be entertained F:		1		R -

00	Plant Record At the end of each week the contractor shall	I		
90	provide the 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			
	· ·		1	2
	F: V: T:	Item	l l	R -
	DayworkWhere in the opinion of the Principal Agent any extra			
91	work cannot properly be measured or valued, the Contractor			
	will be allowed daywork prices therefore calculated upon the			
	costs defined hereunder together with the stated percentages.			
	The total thus arrived at shall be the total amount recoverable			
	by the Contractor for performing such work 1. The costs to the			
	Contractor or sub-contractor of materials, being the net cost (at			
	current market prices) actually paid for such materials after the			
	deduction of cash discounts or if materials are supplied from the			
	Contractor's or sub-contractor's stock then the cost of such			
	materials shall be based upon the current market price plus the			
	cost of delivery to Site; to which net cost 7,5% thereof shall be			
	added. 2. The cost of labour to the Contractor or sub-			
	contractor, being all items of direct cost of labour actually			
	remunerated to the workmen concerned which shall include			
	the cost of all allowances in terms of the industrial Conciliation			
1	Act (where applicable) or any other wage determination			
	applying in the area where the daywork is executed: to which			
1	labour cost 7,5% shall be added Hourly base rates for labour			
1	shall be the current market rates for labour based upon			
	standard working hours and shall be applied in respect of the			
	time spent by workers directly engaged on the particular day			
	works including any operators mechanical plant and transport			
	and erecting and dismantling other plant. If a claim is made			
	· ·			
	that individual workmen have been paid wages and			
	allowances in excess of the minimum legalised rates, then proof			
	must be furnished that such workmen had been so paid prior to			
	the commencement of the daywork referred to 3. The rate for			
	mechanical plant shall be commercial hire rates current at the			
	time of executing the daywork and shall include fuel and			
	insurance costsThe above percentages shall cover head office			
	charges; Site staff including Site supervision; third party and	Item	1	R -
92	Unauthorised Persons/Workmen on Premises The Contractor			
	shall at all times strictly exclude all unauthorized persons from			
	the site and shall set up notice boards to that effect			
	F:T:	Item	1	R -
93				
	Guarantees and Maintenance Instructions/Manuals The			
	Contractor shall obtain and hand over to the Architect on			
	Practical Completion, all relevant guarantees, any operating			
	and maintenance manuals, data or instructions required by the			
	Architect or provided by the Manufacturers, Suppliers, or Sub-			
	contractors The Contractor shall ensure that all warranties and			
1	guarantees received are fully ceded to the Employer on Final			
1	Completion, failing which the release of the Construction	1		
1	Guarantee will be withheld until this is satisfactorily completed			
1	F: V: T:	Item	1	R -
94	Removal and Making Good of Temporary Works, etc. on	1		
1	Completion The Contractor shall remove all temporary works,	1		
1	roads, services and the like used for this contract and shall make			
1	good to the entire satisfaction of the Architect any damages	1		
1	resulting there from F:	1		
1	T:	Item	1	R -
95				
1	Indemnities Indemnities shall be sought by the Architect from all	1		
1	Contractors and Sub-contractors undertaking any design			
1	responsibility F:V:T:	Item	1	R -
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		1	1
Shop Drawings The term attemptor Drawingsatthall mean drawing layout drawings, illustrations, schedules, performance chart brochures, operating manuals, other data which are prepare by the Contractor or Sub-contractor, Manufacturer, Supplier of Distributor and which illustrate some portion of the work. The Contractor shall ensure that all shop drawings required for the work in terms of this Contract, all selected/nominated Sub-contracts and/or Architectations, are prepared an submitted timeously in accordance with the following procedure (a). Three prints of shop drawings of all fabricate work, working or setting out drawings, shop details an schedules shall be submitted to the Architect for approval. Suc work shall not be carried out until such approval has been give (b). Shop drawings shall be submitted to the Architect for approval at least two weeks prior to the date on which suc approval is required in order to comply with the Contract Programme (c). All submissions shall be prepared accordance with the Contract Drawings and specification and/or any Architectate instructions and any deviation sha specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implication. Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or architectate instructions shall not constitute grounds for any claims for delays.	ss, d or e e e c or d g d d h n n or h t t i n or o o o r y y	1	R -
Location of Temporary Buildings and Temporary Services Th Contractor shall provide all necessary temporary work including temporary roads, tracks, crossings, hardstanding, an services, etc., required for his own Sub-contractors use during the construction and maintenance period. There is no guarante given or implied that site conditions will be such that the Contractor will be able to erect such offices, stores and temporary accommodation within the site boundaries and shall be the Contractors responsibility to adopt whatever measures he deems necessary in this regard and to obtain a necessary permission and pay all costs in connection therewith.	s, d e e e d it er	1	R -
Commodities to be New All commodities, goods, articles a materials throughout the building are to be new except when re-use of existing is specified and are to be handled, stored used and/or fixed with care to ensure that they are in perfect condition when incorporated into the works and thereafted properly protected so as to ensure that they are likewised perfect condition when handled over at completion of the works.	re d, ct er in	1	R -
99 Cost of Claims Costs incurred by the Contractor in the preparation of claims accepted by the Principal Agent shall be borne by the Contractor F:		1	R -
Overloading The Contractor shall take all necessary steps to ensure that no damage occurs due to overloading of an portion of the works. The Contractor shall submit details of he proposed loading, storage, plant, erection, etc., to the Architect for their approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the Engineer's requirements in connection with the provision of temporal support work, etc. Any damage caused to the works be overloading shall be made good by the Contractor at his sole expense F:	y is ct g g is	1	R -
101 Environmental Management Plan The contractor shall take o	all		_
necessary measures to comply with the Environment Management Plan (EMP) and make adequate provision taccommodate the requirements of the EMP F:V:	al o	1	R -

102 ⊦					1
He s s tt c c c c s n c c s r tt n 5 H	Health and safety Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended as well as all current legislation related to compliance with Covid-19 mealth and safety requirements. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures including specific legislated Covid-19 compliance measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations, specifically including legislated Covid-19 compliance measures and the reasonable provisions of the aforementioned health and safety specification [2.1] The contractor shall 1. Comply with the health and safety periodically including legislated Covid-19 compliance measures for the works 2. Prepare and agree with the health and safety consultant in all respects 4. Manage the compliance of all subcontractors with the regulations including legislated Covid-19 compliance measures and with the health and safety plan and specification including legislated Covid-19 compliance measures and with the health and safety plan and specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for the conditions contained in the employer's mealth and safety specification for t		1		R -
	transformation and Empowerment Requirements The contractor shall take all necessary measures to comply with the document titled: Empowerment Breakdown of 15 point, compiled by Joburg Property Company, and make adequate provision to accommodate the requirements relating to job creation, job intensity, training and development, local SMME utilisation, local material utilisation, enterprise development, etc. as detailed in the above document F:	Item	0		R -
		licili	O O		-
	SUMMARY OF CATEGORIES				
	Category : Fixed Category : Value Category : Time				
T	TOTAL				R -
5	SECTION NO. 2				
<u>B</u>	BILL NO. 1				
<u>!</u>	<u>ALTERATIONS</u>				
			l	i	
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)	_		_	
<u>c</u>	document Model Preambles for Trades (2008 Edition)				
<u>s</u>	document Model Preambles for Trades (2008 Edition) SUPPLEMENTARY PREAMBLES				
<u>s</u>	document Model Preambles for Trades (2008 Edition)				
<u>S</u> S T p	document Model Preambles for Trades (2008 Edition) SUPPLEMENTARY PREAMBLES				
	SUPPLEMENTARY PREAMBLES Site inspection The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the				
S S T F V S S A A A A A A A A	SUPPLEMENTARY PREAMBLES Site inspection The Tenderer is advised to visit the site, inspect the existing oremises and acquaint himself thoroughly with the nature of the work specified.				
C C C C C C C C C C	SUPPLEMENTARY PREAMBLES Site inspection The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified. Sizes and dimensions All sizes and dimensions stated herein are approximate and				
S S S S S S S S S S	SUPPLEMENTARY PREAMBLES Site inspection The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified. Sizes and dimensions All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned. No allowance for overbreak has been made to any of the adjoining structures, walls, finishes, etc., where removals or pockets occur (the nett opening size, etc., has been made good in later items of this bill where such making good has not been included with the item) and the Contractor must allow in				
S S S S S S S S S S	SUPPLEMENTARY PREAMBLES Site inspection The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified. Sizes and dimensions All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned. No allowance for overbreak has been made to any of the adjoining structures, walls, finishes, etc., where removals or pockets occur (the nett opening size, etc., has been made good in later items of this bill where such making good has not been included with the item) and the Contractor must allow in his prices for making good any overbreak that may occur.				

	Old materials from the alterations, except where described to			
	be re-used or handed over, as well as all rubish, etc., must be regularly carted from the site and not be allowed to			
	accumulate on or around the site.			
	None of the old materials are to be used for new work except			
	where specifically described as being set aside for re-use.			
	,			
	where certain materials or afficies from demolitions or differations are described as to be handed over by the Contractor to the			
	Client, such materials or articles shall be properly stored by the			
	Contractor, until handing over thereof. The Contractor must			
	obtain an official receipt listing the materials or articles and			
	dates of handing over. If the Contractor fails 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 Client for the full replacement value thereof, which			
	amount will be deducted from any monies due to the			
	Contractor.			
	General			
	All new finishes are measured in the relevant trades for new			
	work.			
	Allow for watering the works sufficiently to prevent nuisance			
	from dust.			
	All alteration works described hereunder shall imply the use of			
	an approved screed or plaster repairing compound and			
	preparing existing surfaces to receive new.			
	Provide all necessary propping, etc., required to ensure the			
	safety and stability of the structure during the contract period			
	and remove at completion.			
	Provide all necessary additional barricades, screens, overhead			
	protections, etc., required to ensure the safety of persons,			
	property, etc., and remove at completion.			
	All alteration work is within an existing facility. The contractor			
	shall take utmost care to minimise damage to existing			
	completed works in the vicinity of the alteration works.			
	TEMPORARY BARRIERS, SCREENS, ETC.			
	Temporary barriers, screens, etc., including removal on			
	completion:			
1	Temporary hoarding 2400mm high on concrete floor, formed of			
	drywall partition system with 6mm thick gypsum wall board fixed			
	to one side including all tracks, vertical studs, corners, abuttments, etc.	m	152	R -
			102	K
2	Extra over ditte for single leaf deer size overall 1100 :: 0400			
	Extra over ditto for single leaf door size overall 1100 x 2400mm high, including all necessary posts, framing, lock, etc.	No	29	R -
		. , .	27	
	REMOVAL OF EXISTING WORK			
	REMOVAL OF EXISTING WORK Break down and remove brickwork, etc.:			
		m²	172	R -
3	Break down and remove brickwork, etc.: Half brick wall.	m²	172	R -
3	Break down and remove brickwork, etc.: Half brick wall. One brick wall.			
3	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds,			
3	Break down and remove brickwork, etc.: Half brick wall. One brick wall.			
3	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high	m²	95	R -
3	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere):			
3 4	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high	m²	95	R -
3 4	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall.	m²	95	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall.	Mo No	175	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm	m² No	95	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall.	Mo No	175	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall. Door lockset including handles, escutcheons, cylinders, etc. Take out and remove glass, mirrors, etc.:	Mo No	175	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall. Door lockset including handles, escutcheons, cylinders, etc.	Mo No	175	R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall. Door lockset including handles, escutcheons, cylinders, etc. Take out and remove glass, mirrors, etc.: Glass from steel windows including cleaning out rebates and preparing for new glass.	MO NO NO m²	95 175 17 116 478	R - R - R - R - R - R - R - R - R - R -
5 6	Break down and remove brickwork, etc.: Half brick wall. One brick wall. Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere): Single door and steel frame unit size overall 813 x 2032mm high from one brick wall. Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall. Door lockset including handles, escutcheons, cylinders, etc. Take out and remove glass, mirrors, etc.: Glass from steel windows including cleaning out rebates and	Mo No	95 175 17 116	R - R - R - R

	Take down and remove roofs, floors, panelling, ceilings, partitions, etc:			
	Suspended plasterboard ceilings including suspension grid, hangers, comices, etc.	m²	7 672	R
11	Suspended vinyl clad ceilings including suspension grid, hangers, cornices, etc.	m²	1 474	R
12	Drywall partitioning system 2600mm high including all aluminium tracks, studs, wall boarding, doors, ironmongery, windows, etc.	m	231	R
	Take out/off and remove sundry metalwork:			
13	Hand dryer including disconnecting complete.	No	30	R
	Take up and remove vinyl floor coverings, carpeting, etc:			
14	Carpets including preparing screed to receive new floor finish.	m²	4 790	R
15	Vinyl floor covering including preparing screed for new floor finish.	m²	638	R
	Hack up/off and remove granolithic, screeds, plaster, etc. from concrete or brickwork and prepare surfaces for new screeds, plaster, etc:			
16	Internal plaster from walls and columns.	m²	1 450	R
	Hack up/off and remove wall and floor tiles including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes:			
17	600 x 600mm Porcelain tiles to floors.	m²	3 318	R
18	200 x 200mm Porcelain tiles to walls.	m²	1 012	R
	Take out and remove piping, sanitary fittings, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere):			
19	Water closet with all necessary piping, stop cocks, valves, etc.	No	62	R
20	Wash hand basin with all necessary piping, stop cocks, valves, taps, etc.	No	60	R
21	Urinal with all necessary piping, stop cocks, valves, etc.	No	24	R
22	Sink with all necessary piping, stop cocks, valves, taps, etc.	No	35	R
23	Shower with all necessary piping, stop cocks, valves, taps, etc.	No	3	R
24	Toilet roll holders, soap dispensers, paper towel dispensers, dustbins, etc.	No	124	R
	BUILD UP OPENINGS			
	Brickwork in SABS approved NFP bricks in class II mortar in building up opening in:			
25	Half brick walls.	m²	161	R
26	One brick walls.	m²	72	R
	MAKE GOOD FINISHES, ETC.			
	Make good internal granolithic, screed, plaster, etc. to match existing:			
27	Floors in patches.	m²	713	R
28	Walls in patches.	m²	704	R
29	Concrete ceilings in patches.	m²	241	R
	Repairs to existing roof:			
	Carefully take out and replace all leaking roof screws, nails, etc.			1

	FINANCIAL PROVISION				
	The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required.				
	Allow the amount of R200,000.00 (Two Hundred Thousand Rand) for sundry alteration work. This work shall be measured on completion and priced at scheduled rates.	Item	1	200 000,00	R 200 000,00
	TOTAL				R 200 000,00
	SECTION NO. 2				
	BILL NO. 2				
	WATERPROOFING				
	<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u>				
	SUPPLEMENTARY PREAMBLES				
	Waterproofing				
	Waterproofing of roots, basements, etc. shall be laid under a ten				
	year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs.				
	SLAB WATERPROOFING				
	The Contractor shall allow in his rates for testing the waterproofing for water tightness by ponding the waterproofed surfaces for a period of at least 48 hours before application of a protective layer.				
	4mm Thick "Derbigum SP" fully bonded waterproofing guaranteed to remain watertight for a period of three years on:				
	Concrete slab, beams and sides of parapets including dressing into outlets, turn-ups, etc.	m²	946		R -
2	Flashing strip 300mm girth at turn-ups including sealing top edge into groove with mastic.	m	321		R -
	PROTECTIVE PAINT				
	Prepare and apply two coats bituminous aluminium paint on:				
3	Waterproofing on concrete slab, beams and side of parapets.	m²	1 042		R -
	SHEET OR MEMBRANE WATERPROOFING				
	Tough spun-bonded continious polyester membrane 200mm wide secured with an approved adhesive over all side lapse, end lapse, roof screws, etc. to metal roof sheeting in strict accordance with the manufacturer's instructions on existing:				
4	Galvanised roof sheeting (area of roof sheeting).	m²	3 662		R -
	TOTAL				R -
	SECTION NO. 2				
	BILL NO. 3				
	CARPENTRY AND JOINERY				
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
	DOORS, WINDOWS, SASHES, ETC.				
	DOCKS, WINDOWS, SASITES, ETC.				

	Solid core flush panel doors:	1			
	Solid Core hosh puller doors.				
	44mm Thick door with hardwood concealed edge strips finished				
	on both sides with masonite and hung on timber frames (frames elsewhere):				
	•				
1	Door size overall 813 x 2032mm high.	No	92		R -
	Semi-solid flush doors:				
	44mm Thick door with hardwood concealed edge strips finished on both sides with commercial veneer and hung on steel frames (frames elsewhere):				
2	Door size overall 813 x 2032mm high.	No	155		R -
3	Double leaf door with rebated meeting stiles size overall 1511 x 2032mm high.	No	17		R -
	<u>SKIRTINGS</u>				
	SKRIINGS				
4	25 x 75mm High wrot meranti skirting including 19mm quarter round plugged to plastered walls at 500mm centres.	m	2 761		R -
	JOINERY FITTINGS				
	COUNTER WORK TOPS				
	0,8mm Thick high pressure laminated post- formed particle				
	board work tops with 1,0mm decorative melamine finish to exposed surfaces and reversed side surfaced with brown backer:				
5	32mm Thick x 600mm wide top with formed bull nose edges				
	along front and finished edge along other ends, fixed on brick support walls (elsewhere).	m	100		R -
	SHELVES, ETC				
	Baked epoxy polyester powder coated steel shelving assembled in strict accordance with the manufacturer's instructions, including all saddle clips, etc				
	Devision and well bound 1000 years long religions of the day halo in				
6	Double slot wall band 1820mm long plugged, the top hole in addition bolted to wall with a 6mm diameter expansion bolt or				
	frame fixing anchor.	No	36		R -
7	Shelf 610mm wide x 914mm long.	No	120		R -
/	Shell 610mm wide x 914mm long.	INO	120		
8	Heavy duty shelf bracket for shelf 610mm wide.	No	240		R -
	TOTAL				R -
	· - · · · ·			1	
	SECTION NO. 2				
	BILL NO. 4				
	CELLINICS DARRITIONS AND ACCESS ELOCATIVO				
	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
	SUSPENDED CEILINGS				
	9,5mm Thick "Gyproc Khinoboard" gypsum plasterboard ceiling				
	screwed to and including "Donn T37K" screw up ceiling grid with				
	drywall screws spaced at 150mm centres including galvanised				
	main tees at 1200mm centres and cross tees at 600mm centres, all suspended with 25 x 25mm galvanised angles at not				
	exceeding 1200mm centres with 63mm wide strips of mesh scrim				
	nailed over joints and the whole ceiling finished with and				
	including "Gyproc Rhinolite" skim plaster trowelled to a smooth polished surface in strict accordance with the manufacturer's				
	instructions:				
					_
1	Ceiling suspended not exceeding 1m below concrete soffits.	m²	3 642		R -
		·		<u> </u>	<u> </u>

	12.5mm Thick vinyl faced Gypsum ceiling tile with embossed finish size 1200 x 600mm laid on and including "OWAconstruct S3a" fire rated white powder coated aluminium exposed demountable tee suspension ceiling system including main and cross tees, holding down clips, necessary hangers, grids, etc., all in strict accordance with the manufacturer's instructions:				
2	Ceiling suspended not exceeding 1m below concrete soffits.	m²	5 504	R	
	VERTICAL BULKHEADS				
	9,5mm Thick "Gyproc Rhinoboard" plasterboard bulkhead fixed to and including light weight steel support structure with 63mm wide strips of mesh scrim nailed over joints and the whole bulkhead finished with and including "Gyproc Rhinolite" skim plaster trowelled to a smooth polished surface in strict accordance with the manufacturer's instructions:				
3	300mm High vertical bulkhead riser.	m	355	R	
4	Ditto, but circular on plan.	m	100	R	
	CORNICES, ETC.:				
	Powdercoated shadowline cornices:				
F	25mm GMS shadowline cornice secured to plastered wall and				
	ceiling boarding including mitres, etc.	m	6 860	R	
	PARTITIONING				
	additional studs where necessary at abuttments, end, reveals, etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of				
	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm				
6	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.:		330	R	
	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged.	m			
	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan.		330	R R	
7	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for:	m m	50	R	
7	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection.	m m	50	R	
7	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for:	m m	50	R	
8	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment.	m m	50	R	
8 9	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment. Corner. Insulation:	m m No	50 106 147	R R R	
8	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment.	m Mo No No	50 106 147	R R R	
8 9	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment. Corner. Insulation: 63mm Thick self-supporting non-combustible lightweight "Cavitybatt" insulation (14kg/m3) laid vertically in cavity of	m m No No	106 147 44	R R R	
7 8 9 10	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment. Corner. Insulation: 63mm Thick self-supporting non-combustible lightweight "Cavitybatt" insulation (14kg/m3) laid vertically in cavity of partitioning.	m m No No No No m²	106 147 44	R R R	
7 8 9 10	etc., covered with and including 12,5mm thick wall board on both sides, screwed to studding with dry-wall screws at 200mm centers. Joints are to be scrimmed over with 63mm wide strips of mesh and the whole partition system finished with skimmed plaster trowelled to a smooth surface to the thickness recommended by the manufacturer. Intersections and abuttments are measured seperately and descriptions shall be deemed to include any additional studs, corner beads, aluminium skirting, etc.: Partitioning 2600mm high with bottom and top tracks plugged. Ditto, but circular on plan. Extra over 3000mm high partition for: T-intersection. Vertical abutment. Corner. Insulation: 63mm Thick self-supporting non-combustible lightweight "Cavitybatt" insulation (14kg/m3) laid vertically in cavity of partitioning. Doors, Door Frames, Etc.: Extra over partition for 44mm thick semi-solid door size overall 813 x 2032mm high with hardwood concealed edge strips and finished on both sides with commercial veneer and hung on aluminium frames (elsewhere).	m m No	50 106 147 44 988	R R R R	

	Tollet partitioning formed of 16mm thick melamine faced particle board and natural anodised aluminium u-channel edging and top rails including fixing components and standard ironmongery comprising indicator bolts, coat hooks, door stops and rubber buffers, etc. all installed in strict accordance with the manufacturer's instructions:			
14	Partition size 1555 x 1800mm high.	No	25	R
15	Full stile 540mm wide x 1850mm high.	No	22	R
16	End stile 150mm wide x 1850mm high.	No	4	R
17	Wall stile 115mm wide x 1850mm high.	No	28	R
18	Door size 740 x 1800mm high.	No	25	R
	TOTAL			R
	SECTION NO. 2			
	BILL NO. 5			
	FLOOR COVERINGS, WALL LININGS, ETC.			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	POLYPROPYLENE NEEDLE PUNCH CARPET TILES			
	500 x 500 x 7mm Thick "Belgotex Berber Point 920 (Colour : Turkey)" heavy commercial resin backed carpet tiles fixed with an approved adhesive in strict accordance with the manufacturer's instructions on:			
1	Floors.	m²	4 355	R
	TUFTED CARPET SHEETING			
	10mm Thick "Belgotex Westminster" heavy commercial "Stainproof SDX" dyed nylon tufted broadloom carpet sheeting fixed with an approved adhesive in strict accordance with the manufacturer's instructions on:			
2	Stepped floors.	m²	500	R
	VINYL FLOOR COVERINGS			
	smm Inick "Tarkett Ruby /U Acoustic (Colour: Oak-Grey, Code: 25099036)" heterogeneous polyvinyl chloride flooring with a foam layer installed according to manufacturers' instructions with suitably approved adhesive onto a Grade 1 substrate (elsewhere), with all sheets to be correctly butt-jointed and welded with a fully flexible coloured welding rod to provide a smooth hygienic sealed finish and rolled with a 50kg articulated floor roller, installed in strict accordance with the manufacturer's instructions on:			
3	Floors	m²	1 400	R
	SUNDRIES			
	Transition strips, etc.:			
4	"Kirk M-Trim ALNSRN37" aluminium stair nosing with non slip photoluminescent infill fixed with patent adhesive in strict accordance with the manufacturer's instructions.		330	R
5	Ditto, but circular on plan.	m	80	R
6	"Kirk M-Trim ACGRE100" aluminium rounded edge carpet gripper fixed with patent adhesive in strict accordance with manufacturers instructions.		150	R
7	"Kirk M-Trim CARB500" black and yellow chevron pattern carborundum strips fixed with patent adhesive in strict accordance with manufacturers instructions.		80	R
	TOTAL			R
	I .	Ì	1	

	IRONMONGERY			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>LOCKS</u>			
1	"Q\$6055/1/A\$/\$\$" Cylinder latch and dead bolt lock.	No	256	R
2	"Assa Abloy 2x18SC" 66mm euro profile master keyed double			
	cylinder.	No	282	R
	"Q\$6055/3" Dead bolt lock.	No	26	R
4	"QS4445" Thumbturn we indicator bolt.	No	62	R
5	"QSR" Rebate conversion set.	No	17	R
	<u>HANDLES</u>			
6	"Assa Abloy 6163-09SS" stainless steel lever handle on and including 76 x 152mm backplate with cylinder key hole piercing.		282	R
	DOOR CLOSERS			
7	"QS680" Overhead door closer.	No	26	R
8	"QS700" Overhead delayed action door closer.	No	42	R
	GRAB RAILS, ETC.			
9	"Franke CNTX21" stainless steel dogleg grab rail plugged to wall in strict accordance with the manufacturer's instructions.	No	12	R
	"Franke CNTX300" stainless steel straight grab rail plugged to wall in strict accordance with the manufacturer's instructions.	No	12	R
	BATHROOM FITTINGS			
11	"Franke RODX672" stainless steel two roll lockable type toilet roll dispenser plugged to wall.	No	62	R
12	"Franke RODX619" stainless steel liquid dispenser plugged to wall.	No	30	R
13	"Franke FR359989" stainless steel ecofast hand dryer installed in strict accordance with the manufacturer's instructions.	No	30	R
	SUNDRIES			
14	"QS4422" Door stop with rubber buffer.	No	282	R
15	"QS4434" Hat and coat hook with rubber buffer.	No	62	R
	STEEL LOCKERS			
	"Krost", or equal approved, standard epoxy powder coated double door steel lockers bolted to walls, installed in strict accordance to the manufacturer's instructions.(Colour: Hammertone Grey)			
16	1800 x 300 x 450mm Standard double door lockers.	No	30	R
	TOTAL			 R
_	SECTION NO. 2			
_	BILL NO. 7			
	<u>METALWORK</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
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	1,6mm Thick double rebated frames suitable for half brick walls complete with hoop iron anchors welded to frame, one adjustable stainless steel striking plate suitable for cylinder locks, three rubber shock absorbers in rebate and one pair of 100mm				
	standard heavy duty brass butt hinges welded to frame:				
1	Frame for door size 813 x 2032mm high.	No	155		R -
2	Frame for door size 1511 x 2032mm high	No	17		R -
	TOTAL				R -
	SECTION NO. 2				
	BILL NO. 8				
	PLASTERING				
	<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u>				
	EPOXY FLOOR SCREED				
	Prepare and apply one coat "Flowcrete Flowprime" solvent free				
	primer including copper earthing strips, apply one coat "Flowprime A.S." anti-static primer (0,12kg/m2) and "Flowcrete Flowshield AS 1000" anti-static topping with a smooth an even finish as per manufacturer's instructions:				
1	1mm Thick topping on concrete floors.	m²	700		R -
	INTERNAL PLASTER				
	One coat cement plaster mimimum 15mm thick (5:1) wood floated to receive tiles (elsewhere) including all labours on:				
2	Brick vertical surfaces (part on concrete).	m²	493		R -
3	Narrow widths,	m²	43		R -
	Two coats cement plaster comprising one coat cement plaster				
	minimum 15mm thick (5:1) steel floated and one finishing coat rhinolite including all labours on:				
4	Brick vertical surfaces (part on concrete).	m²	1 916		R -
5	Narrow widths.	m²	80		R -
	TOTAL				R -
	IOIAL				
	SECTION NO. 2				
	BILL NO. 9				
	TILING				
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
	WALL TILING				
	Allow a Prime Cost Amount of R170/m2 for ceramic tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compond on:				
1	Walls.	m²	863		R -
2	Ditto, but circular on plan.	m²	149		R -
	•				
3	Narrow widths.	m²	73		R -
	Allow a Prime Cost Amount of R600/m2 for marble tiles in patterns fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compond on:				
4	Walls.	m²	192		R -
	FLOOR TILING			-	
		l	ı		

	Allow a Prime Cost Amount of R170/m2 for porcelain floor tiles fixed with an approved adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound on:			
-5	Floors.	m²	3 838	R
	Narrow widths.	m²	118	R
7	100mm High skirting.	m	1 984	R
	<u>SUNDRIES</u>			
	Corner protectors, dividing strips, etc.:			
8	"Kirk M-Trim PRE090" 9mm high white PVC round edge trim fixed with patent adhesive to external wall corners.	m	663	R
9	Ditto, but circular on plan.	m	40	R
	TOTAL			R
	SECTION NO. 2			
	BILL NO. 10			
	PLUMBING AND DRAINAGE			
	1 LOMBING AND BRAINAGE			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	SANITARY FITTINGS			
	White vitreous china:			
1	"Vaal Protea Paraplegic (Ret. 750246WH)" floor mounted paraplegic washdown suite comprising 90Ű outlet pan and matching 9 litre cistern including heavy duty white double flap seat, purpose-made chromium plated side flush lever, fixing in position and connecting complete in strict accordance with the manufacturer's instructions.		12	R
2	"Vaal Daisy Elite (Ref. 772403WH)" semi-close coupled wc suite comprising 90Ű outlet pan and matching 9 litre cistern including heavy duty white double flap seat, flushpipe, fixing in position and connecting complete in strict accordance with the manufacturer's instructions.		50	R
	manoraciorer s insiractions.	NO	30	K
3	"Vaal Lavatera (Ref. 705427WH)" wall mounted back inlet bowl urinal with and including "Cobra FJ8.102) flush valve, 38mm chromium plated domical grating and chromium plated back inlet spreader (Code: 85412000), fixed on and including two hanger brackets (Code: 81272000) and connected complete in strict accordance with the manufacturer's instructions.		24	R
4	"Vaal Hibiscus (Ref. /02303AV)" one tap hole wash hand basin complete with chromium plated waste union, chain and stay, vulcanite plugs and fixing in position on and including two semiconcealed brackets including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions (taps elsewhere).		60	R
	Stainless steel:			
5	"Franke Cascade CDX611" single bowl sink complete with overflow, 40mm chromium plated waste union, chain and stay, vulcanite plugs and under sink insulation, fixing in position and sealing with an approved waterproof sealer and connecting complete as per manufacturer's instructions (mixer elsewhere).		35	R
	TRAPS, ETC.			
6	"Cobra (Ref. 340)" 40mm chromium plated brass bottle trap.	No	84	R
7	38mm Combination sink rubber P or S trap.	No	35	R
	TAPS, VALVES, ETC.			
				l .

		1		1	
	Cobra Carina 294CA" 15mm basin mixer including flexible onnection hoses.	No	50	R	
	Cobra NM-851" 15mm elbow action medical basin mixer cluding flexible connection hoses.	No	10	R	
	Cobra Carina 296CA" 15mm sink mixer including flexible connection hoses.	No	35	R	
11 "C	Cobra Focus FC-956" 15mm single lever shower mixer.	No	3	R	
12 "C	Cobra Alto 076-ALTO5" shower head.	No	3	R	
	Cobra 026" shower arm.	No	3	R	
	Cobra 832/350" 15mm angle valve.				
	•	No	252	R	
	undries:				
	5mm Flexihose 450mm long.	No	62	R	
TO	DTAL			R	
SE.	ECTION NO. 2				
	LL NO. 11				
GL	LAZING				
	ne <u>Tenderer is referred to the relevant Clauses in the separate</u> ocument Model Preambles for Trades (2008 Edition)				
GL	LAZING TO STEEL WITH PUTTY				
6m	mm Clear safety glass:				
1 Pa	anes exceeding 0,5m2 and not exceeding 2m2.	m²	478	R	
2 Pa	anes exceeding 2m2 and not exceeding 4m2	m²	150	R	
TO	OPS, SHELVES, DOORS, MIRRORS, ETC.				
10: ch	nm Thick silvered float glass copper backed mirrors with Omm bevelled and polished edges holed for and fixed with hromium plated dome capped mirror screws with rubber uffers to plugs in porcelain tiled wall:				
bu				<u> </u>	
	irror size 600 x 1000mm high.	No	62	R	
3 Mir	irror size 600 x 1000mm high. irror size 1500 x 1000mm high.	No No	62	R	
3 Min 4 Min					
3 Mir 4 Mir	irror size 1500 x 1000mm high.			R	
3 Min 4 Min TO	irror size 1500 x 1000mm high.			R	
3 Min 4 Min TO	irror size 1500 x 1000mm high.			R	
3 Min 4 Min TO	irror size 1500 x 1000mm high. DTAL ECTION NO. 2			R	
3 Min 4 Min TO SEE BIL PA	OTAL CCTION NO. 2 LL NO. 12	No		R	
3 Mill 4 Mill TO SEC	irror size 1500 x 1000mm high. OTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate	No		R	
3 Mill 4 Min TO SEC BIL PA The	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition)	No		R	
3 Mil 4 Mil TO SEC BIL PA The	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition) AINTWORK TO NEW WORK	No		R	
3 Mill 4 Mill TO SEC BILL PA The do PA PL Pre	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition) AINTWORK TO NEW WORK ASTER The parent and apply one coat "Plascon" plaster primer and two	No		R	
3 Min 4 Min TO SEE BIL PA The do PA PL Pre co	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition) AINTWORK TO NEW WORK ASTER The page and apply one coat "Plascon" plaster primer and two pats "Plascon Double Velvet" paint on:	No	31	R	
3 Min 4 Min TO SEC BIL PA The do PA PL Pre co	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition) AINTWORK TO NEW WORK CASTER Repare and apply one coat "Plascon" plaster primer and two oats "Plascon Double Velvet" paint on: ternal plastered walls, columns, recessed bands, etc. Atra over painting to internal plastered walls for paint colours	No m²	1 996	R R	
3 Min 4 Min TO SEE BIL PA The do PA PL 1 Int 2 Ext no	irror size 1500 x 1000mm high. DTAL ECTION NO. 2 LL NO. 12 AINTWORK The Tenderer is referred to the relevant Clauses in the separate ocument Model Preambles for Trades (2008 Edition) AINTWORK TO NEW WORK CASTER Repare and apply one coat "Plascon" plaster primer and two oats "Plascon Double Velvet" paint on: Iternal plastered walls, columns, recessed bands, etc. Iternal plastered walls, columns, recessed bands, etc. Iternal plastered walls to internal plastered walls for paint colours of exceeding 7 on the "Munsell System".	Mo m²	1 996	R R	

4	Bulkheads.	m²	137	 R
	Partitions.	m²	1 976	R
5		(117	1 7/6	IX.
	METAL .			
	Prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvaglo" paint on:			
6	Frames and linings.	m²	284	R
	WOOD			
	Prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvaglo" paint on:			
7	General surfaces of doors.	m²	1 160	R
8	Skirtings, rails, etc. in narrow girths.	m	2 761	R
	PAINTWORK TO PREVIOUSLY PAINTED WORK			
	<u>PLASTER</u>			
	Clean down, prepare and apply one coat "Plascon" plaster primer and two coats "Plascon Double Velvet" paint on:			
9	Internal plastered walls, columns, recessed bands, etc.	m²	17 500	R
10	Extra over painting to internal plastered walls for paint colours not exceeding 7 on the "Munsell System".	m²	17 500	R
_11	External plastered walls, columns, recessed bands, etc.	m²	4 626	R
	Clean down, prepare and apply one coat "Plascon" primer and			
	two coats "Plascon Professional Super Matt" paint on:			
12	Internal plastered slab soffits.	m²	241	R
	FACE BRICKWORK			
	Prepare and apply two coats "Plascon Brick Dressing" on:			
13	Face brick walls with recessed joints.	m²	2 795	 R
	PLASTERBOARD		2775	•
	Clean down, prepare and apply one coat "Plascon" primer and two coats "Plascon Professional Super Matt" paint on:			
14	Ceilings and comices.	m²	265	 R
	Partitions.	m²	690	R
15		(11	070	IX.
	METAL .			
	Clean down, prepare and apply one coat "Plascon Zinc Phosphate" primer and two coats "Plascon Velvaglo" paint on:			
16	Frames and linings.	m²	211	R
17	Gates, grilles, etc. (both sides measured).	m²	395	R
	<u></u>	m²	345	R
18	Balustrades (both sides measured).			
	Balustrades (both sides measured). Roof sheeting.	m²	3 662	R
		m²	3 662	R
	Roof sheeting.		3 662	R
19	Roof sheeting. WOOD Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats		3 662	R
19	Roof sheeting. WOOD Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvaglo" paint on:			
19	Roof sheeting. WOOD Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvaglo" paint on: General surfaces of doors.			R
19	Roof sheeting. WOOD Clean down, prepare and apply one coat "Plascon Woodcare Pre-treatment", one coat "Plascon Wood Primer" and two coats "Plascon Velvaglo" paint on: General surfaces of doors.			R

	PROVISIONAL SUMS					
	The following sums and amounts are NETT.					
	Under no circumstances may any Provisional Sum or P.C Item be altered.					
	Unless a specific percentage mark up for attendence is indicated in the rate column, the amounts priced by the contractor for attendence against each Provisional Sum shall be deemed to be Lump Sum and shall not be adjusted unless the scope of the sub-contract varies significantly.					
	Provisional Sums contained herein may be omitted or reduced at the employer's sole discretion and the contractor shall not be entitled to claim for any loss by way of reductions or omissions of any discount, or percentage relating to the Provisional Sums pr P.C Amounts or any loss of profit related thereto.					
	ALLOW THE FOLLOWING PROVISIONAL SUMS					
	ELECTRICAL INSTALLATION					
1	Provide the amount of R6,200,000.00 (Six Million Two Hundred Thousand Rand) for service and repairs to existing electrical installation executed complete.		1	6 200 000,00	R	6 200 000,0
2	Profit on above item.	%IT		6 200 000,00	R	-
3	Attendance on ditto.	%IT		6 200 000,00	R	-
	HVAC INSTALLATION					
	Provide the amount of R1,200,000.00 (One Million Two Hundred					
4	Thousand Rand) for service and repairs to existing HVAC installation executed complete.	Item	1	1 200 000,00	R	1 200 000,0
5	Profit on above item.	%IT		1 200 000,00	R	=
6	Attendance on ditto.	%IT		1 200 000,00	R	=
	FIRE DETECTION					
7	Provide the amount of R470,000.00 (Four Hundred and Seventy Thousand Rand) for fire detection installation executed complete.		1	470 000,00	R	470 000,0
8	Profit on above item.	%IT		470 000,00	R	_
	Attendance on ditto.	%IT		470 000,00	R	_
7	FIRE INSTALLATION	/011		470 000,00	K	
10	Provide the amount of R285,000.00 (Two Hundred and Eighty Five Thousand Rand) for service and repairs to existing fire installation executed complete.	Item	1	285 000,00	R	285 000,0
11	Profit on above item.	%IT		285 000,00	R	_
10	Attendance on ditto.	%IT		285 000,00		
12		/011		203 000,00	K	
	COUNCIL CHAMBER SEATING					
13	Provide the amount of R680,000.00 (Six Hundred and Eighty Thousand Rand) for council chamber seating installed complete.	Item	1	680 000,00	R	680 000,0
14	Profit on above item.	%IT		680 000,00	R	-
15	Attendance on ditto.	%IT		680 000,00	R	-
	COUNCIL CHAMBER DESKS					
16	Provide the amount of R420,000.00 (Four Hundred and Twenty Thousand Rand) for refurbishment of existing council chamber		,	400,000,00		400,000
, -	desks executed complete.	Item	1	420 000,00		420 000,0
	Profit on above item.	%IT		420 000,00		
18	Attendance on ditto.	%IT		420 000,00	К	-
	KITCHEN UNITS					

19	Provide the amount of R300,000.00 (Three Hundred Thousand Rand) for refurbishment of existing kitchen units executed complete.		1	300 000,00	R	300 000,
20	Profit on above item.	%IT		300 000,00	R	-
21	Attendance on ditto.	%IT		300 000,00	R	-
	VANITY TOPS					
22	Provide the amount of R240,000.00 (Two Hundred and Forty Thousand Rand) for vanity tops installed complete.	Item	1	240 000,00	R	240 000,
23	Profit on above item.	%IT		240 000,00	R	-
24	Attendance on ditto.	%IT		240 000,00	R	
	RECEPTION COUNTER					
25	Provide the amount of R150,000.00 (One Hundred and Fifty Thousand Rand) for reception counters installed complete.	Item	1	150 000,00	R	150 000
26	Profit on above item.	%IT		150 000,00	R	
27	Attendance on ditto.	%IT		150 000,00	R	
	ROOF SAFETY BALUSTRADES					
28						
28	Provide the amount of R110,000.00 (One Hundred and Ten Thousand Rand) for roof safety balustrades installed complete.	Item	1	110 000,00	R	110 000
29	Profit on above item.	%IT		110 000,00	R	
30	Attendance on ditto.	%IT		110 000,00	R	
	LANDSCAPING					
31	Provide the amount of R250,000.00 (Two Hundred and Fifty Thousand Rand) for landscaping executed complete.	Item	1	250 000,00	R	250 000
32	Profit on above item.	%IT		250 000,00	R	
33	Attendance on ditto.	%IT		250 000,00	R	
	WET SERVICES					
34	Provide the amount of R300,000.00 (Three Hundred Thousand Rand) for service and repairs to existing wet services installation executed complete.	Item	1	300 000,00	R	300 000
35	Profit on above item.	%IT		300 000,00	R	
36	Attendance on ditto.	%IT		300 000,00	R	
	SIGNAGE					
37	Provide the amount of R100,000.00 (One Hundred Thousand		1			100 000
	Rand) for signage installed complete.	Item	- '	100 000,00	R	
38	Rand) for signage installed complete. Profit on above item.	Item %IT	1	100 000,00		
	, , , , , , , , , , , , , , , , , , , ,					
	Profit on above item.	%IT		100 000,00	R	
39	Profit on above item. Attendance on ditto.	%IT	1	100 000,00	R	
39	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater	%IT %IT		100 000,00	R R	
40	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater reticulation executed complete. Profit on above item.	%IT %IT Item		100 000,00 100 000,00 200 000,00 200 000,00	R R R	
40	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater reticulation executed complete. Profit on above item. Attendance on ditto.	%IT %IT		100 000,00	R R R	
40	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater reticulation executed complete. Profit on above item.	%IT %IT Item		100 000,00 100 000,00 200 000,00 200 000,00	R R R	200 000
39 40 41 42 43	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater reticulation executed complete. Profit on above item. Attendance on ditto. COUNCIL CHAMBER ROOF Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for repairs to existing council chamber roof executed complete.	%IT Sitem Sitem Sitem		200 000,00 200 000,00 200 000,00 200 000,00	R R R R R R	200 000
39 40 41 42 43	Profit on above item. Attendance on ditto. SEWER AND STORMWATER RETICULATION Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for service and repairs to existing sewer and stormwater reticulation executed complete. Profit on above item. Attendance on ditto. COUNCIL CHAMBER ROOF Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for repairs to existing council chamber roof executed	%IT SIT Item %IT %IT		100 000,00 100 000,00 200 000,00 200 000,00 200 000,00	R R R R R R	200 000

46	Provide the amount of R50,000.00 (Fifty Thousand Rand) for community liaison officer.	Item	1	50 000,00	R	50 000,00
47	Profit on above item.	%IT		50 000,00	R	-
48	Attendance on ditto.	%IT		50 000,00	R	-
	PUBLIC PARTICIPATION					
49	Provide the amount of R50,000.00 (Fifty Thousand Rand) for public participation.	Item	1	50 000,00	R	50 000,00
50	Profit on above item.	%IT		50 000,00	R	-
51	Attendance on ditto.	%IT		50 000,00	R	-
	STAFF RELOCATION					
52	Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for staff relocation executed complete.	Item	1	200 000,00	R	200 000,00
53	Profit on above item.	%IT		200 000,00	R	-
54	Attendance on ditto.	%IT		200 000,00	R	-
	PROBERTY AUDIT					
	Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for a proberty audit executed complete.	Item	1	200 000,00	R	200 000,00
56	Profit on above item.	%IT		200 000,00	R	-
57	Attendance on ditto.	%IT		200 000,00	R	-
	TEMPORARY IT INFRASTRUCTURE					
58	Provide the amount of R350,000.00 (Three Hundred and Fifty Thousand Rand) for temporary IT infrastructure installed complete.	Item	1	350 000,00	R	350 000,00

		1					
59	Profit on above item.	%IT			350 000,00	R	-
	Attendance on ditto.	%IT			350 000,00	R	
60	Ariendance on amo.	7011			330 000,00	К	<u> </u>
	FINANCIAL PROVISIONS						
	The items described hereunder cover work which is not fully						
	defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts						
	shown shall be used as directed by the Representative/ Agent						
	and shall be deducted in whole or in part if not required.						
61							
	for sundry builders work. This work shall be measured on		,		400 000 00	ь	400,000,00
	completion and priced at scheduled rates.	Item	1		400 000,00	R	400 000,00
62	Allow the amount of R100,000.00 (One Hundred Thousand Rand)						
	for structural repair work. This work shall be measured on						
	completion and priced at scheduled rates.	Item	1		100 000,00	R	100 000,00
63	Allow the amount of R100,000.00 (One Hundred Thousand Rand)						
30	for waterproofing to walls. This work shall be measured on]				
	completion and priced at scheduled rates.	Item	1		100 000,00	R	100 000,00
4.1	Allow the amount of R1,000,000.00 (One Million Rand) for sundry						
04	builders work to the Library. This work shall be measured on						
	completion and priced at scheduled rates.	Item	1		1 000 000,00	R	1 000 000,00
/ 5							
65	Allow the amount of R6,180,000.00 (Six Million One Hundred and						
	Eighty Thousand Rand) for professional fees. This work shall be						
	measured on completion and priced at scheduled rates.	Item	1		6 180 000,00	R	6 180 000,00
	TOTAL					R	19 735 000,00
	SUMMARY						
	Declinate original & Compared						
1	Preliminaries & General Preliminaries and General				0,00	R	
	Troillinands and Corlora				0,00		
2	<u>Builders Work</u>					R	200 000,00
2,1	Alterations			R	200 000,00		
2,2	Waterproofing Carpentry and Joinery			R R	-		
2,4	Ceilings, Partitions and Access Flooring			R	-		
2,5	Floor Coverings, Walls Linings, Etc.			R	-		
2,6	Ironmongery			R	-		
2,7 2,8	Metalwork Plastering			R R	-		
2,9	Tiling		1	R	-		
2,10	Plumbing and Drainage			R	-		
2,11	Glazing			R	-		
2,12	Paintwork			R	=		
3	Provisional Sums					R	19 735 000,00
3,1	Provisional Sums			1	9 735 000,00		
	Sub Total					D	10 025 000 00
4	Sub-Total Sub-Total					R	19 935 000,00
5	Value Added Tax (15%)					R	2 990 250,00
6	TOTAL INCLUDING VAT					R	22 925 250,00
		I	1	1			