

Item No		Quantity	Rate	Amount
	<p><u>SECTION 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Principal Building Agreement (Edition 4.1 - March 2005) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 4.1 - March 2005) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause</p> <p>The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> <p>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 above mentioned documents</p>			
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<u>PREAMBLES FOR TRADES</u>		
<p>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</p> <p>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 General Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p>		
<u>STRUCTURE OF THIS PRELIMINARIES BILL</u>		
Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement		
Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries		
Section C : Any special clauses to meet the particular circumstances of the project		
<u>PRICING OF PRELIMINARIES</u>		
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)		
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SECTION A: PRINCIPAL BUILDING AGREEMENT

Interpretation (A1-A7)

1 Clause 1.0 - Definitions 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

Carried Forward

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<p>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 shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice</p> <p>Legal status of contractor</p> <p>If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:</p> <ol style="list-style-type: none"> 1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement 2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons 3. The contractor shall not alter its composition or legal status without the prior written consent of the employer <p>F:..... V:..... T:.....</p>				Item	
2	Clause 2.0 - Law , regulations and notices				Item
	F:..... V:..... T:.....				
3	Clause 3.0 - Offer and acceptance				Item
	F:..... V:..... T:.....				
4	Clause 4.0 - Cession and assignment				Item
	F:..... V:..... T:.....				
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5	<p>Clause 5.0 - Documents</p> <p>Value Added Tax</p> <p>Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)</p> <p>Priced document as specification</p> <p>Clause 5.4 is deemed to be deleted</p> <p>The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any</p> <p>F:..... V:..... T:.....</p>	Item	
6	<p>Clause 6.0 - Employer's agents</p> <p>1.1 Duties [6.2] :</p> <p>The architect is responsible for the architectural design, functional design and quality inspection of the works</p> <p>1.2 Contract instructions [6.2; 17.1] :</p> <p>1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement</p> <p>1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>1.2.3 The site [13.0]</p> <p>1.2.4 Compliance with the law, regulations and by laws [2.1]</p> <p>1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p>		
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	Brought Forward		R
1.2.6	Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
1.2.7	Removal or re-execution of work		
1.2.8	Removal or substitution of any materials and goods		
1.2.9	Protection of the works		
1.2.10	Making good physical loss and repairing damage to the works [23.2.2]		
1.2.11	Rectification of defects [21.2]		
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		
1.2.13	Expenditure of budgetary allowances, prime cost amounts and provisional sums		
1.2.14	Appointment of a subcontractor [14.0; 15.0]		
1.2.15	Work by direct contractors [16.0]		
1.2.16	On suspension or termination, protection of the works , removal of construction equipment and surplus materials and goods [29.0]		
2.	<u>Quantity surveyor</u>		
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Brought Forward			R	
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				
2.2 Contract instructions [6.2; 17.1] :				
3. <u>Civil and structural engineer</u>				
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				
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				
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				
3.2.3 The site [13.0]				
3.2.4 Compliance with the law , regulations and by laws[2.1]				
3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works				
3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]				
3.2.7 Removal or re-execution of work				
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	Brought Forward		R
3.2.8 Removal or substitution of any materials and goods			
3.2.9 Protection of the works			
3.2.10 Making good physical loss and repairing damage to the works [23.2.2]			
3.2.11 Rectification of defects [21.2]			
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			
3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
4. Mechanical engineer			
4.1 Duties [6.2] :			
<p>The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection 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</p>			
4.2 Contract instructions [6.2; 17.1] :			
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			
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			
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Brought Forward			R	
4.2.3 Compliance with the law , regulations and by laws [2.1]				
4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works				
4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]				
4.2.6 Removal or re-execution of work				
4.2.7 Removal or substitution of any materials and goods				
4.2.8 Protection of the works				
4.2.9 Making good physical loss and repairing damage to the works [23.2.2]				
4.2.10 Rectification of defects [21.2]				
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				
4.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums				
5. <u>Electrical engineer</u>				
5.1 Duties [6.2] :				
The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions				
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Brought Forward			R
5.2 Contract instructions [6.2; 17.1] :			
5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
5.2.3 Compliance with the law , regulations and by laws [2.1]			
5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
5.2.6 Removal or re-execution of work			
5.2.7 Removal or substitution of any materials and goods			
5.2.8 Protection of the works			
5.2.9 Making good physical loss and repairing damage to the works [23.2.2]			
5.2.10 Rectification of defects [21.2]			
5.2.11 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			
5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums			
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6. <u>Wet services engineer</u>			
6.1 Duties [6.2] :			
The wet services engineer is responsible for all aspects of wet services engineering design and quality inspection of the works			
6.2 Contract instructions [6.2; 17.1] :			
6.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement			
6.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
6.2.3 Compliance with the law , regulations and by laws [2.1]			
6.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works			
6.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]			
6.2.6 Removal or re-execution of work			
6.2.7 Removal or substitution of any materials and goods			
6.2.8 Protection of the works			
6.2.10 Rectification of defects [21.2]			
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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	
6.2.9 Making good physical loss and repairing damage to the works [23.2.2]	
6.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums	
7. <u>Fire consultant</u>	
7.1 Duties [6.2] :	
The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works	
7.2 Contract instructions [6.2; 17.1] :	
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	
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	
7.2.3 Compliance with the law , regulations and by laws [2.1]	
7.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works	
7.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]	
7.2.6 Removal or re-execution of work	
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	Brought Forward		R
7.2.7	Removal or substitution of any materials and goods		
7.2.8	Protection of the works		
7.2.9	Making good physical loss and repairing damage to the works [23.2.2]		
7.2.10	Rectification of defects [21.2]		
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		
7.2.12	Expenditure of budgetary allowances, prime cost amounts and provisional sums		
8.	<u>Health and safety consultant</u>		
8.1	Duties [6.2] :		
	The health and safety 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:		
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		
8.1.2	Prepare and update the health and safety specification for the works		
8.1.3	Agree with the contractor the health and safety plan for the works		
8.1.4	Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations		
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	Brought Forward		R
	8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to		
	F:..... V:..... T:.....	Item	
7	Clause 7.0 - Design responsibility		
	F:..... V:..... T:.....	Item	
	<u>Insurances and securities (A8-A11)</u>		
8	Clause 8.0 - Works risk		
	F:..... V:..... T:.....	Item	
9	Clause 9.0 - Indemnities		
	F:..... V:..... T:.....	Item	
10	Clause 10.0 - Insurances		
	F:..... V:..... T:.....	Item	
11	Clause 11.0 - Securities		
	Guarantee for payment		
	The employer shall provide to the contractor a guarantee for payment in the amount of		
Rand (R.....) [11.5.1]. The contractor shall consequently waive his lien or right of continuing possession of the works [11.10]		
	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:..... V:..... T:.....	Item	
	Carried Forward		
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	Brought Forward		R	
	<u>Execution (A12 - A17)</u>			
12	<p>Clause 12.0 - Obligations of the parties</p> <p>Office accommodation</p> <p>The 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]</p> <p>Notice board</p> <p>The 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]</p> <p>Statutory and other notices</p> <p>The 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</p> <p>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 thereto</p> <p>F:..... V:..... T:.....</p>			
13	<p>Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
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	Brought Forward		R
14	Clause 14.0 - Nominated subcontractors F:..... V:..... T:..... Item		
15	Clause 15.0 - Selected subcontractors F:..... V:..... T:..... Item		
16	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		
17	Clause 17.0 - Contract instruction Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor		
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Brought Forward		R
	F:..... V:..... T:.....	Item
<u>Completion (A18 - A24)</u>		
18	Clause 18.0 - Interim completion	N/A
19	Clause 19.0 - Practical completion	
	F:..... V:..... T:.....	Item
20	Clause 20.0 - Completion in sections	
	F:..... V:..... T:.....	Item
21	Clause 21.0 - Defects liability period and final completion	
	F:..... V:..... T:.....	Item
22	Clause 22.0 - Latent defects liability period	
	F:..... V:..... T:.....	Item
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:..... V:..... T:.....	Item
24	Clause 24.0 - Penalty for late or non-completion	
	F:..... V:..... T:.....	Item
<u>Payment (A25 - A27)</u>		
25	Clause 25.0 - Payment	
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	Brought Forward		R
	<p>Prices submitted</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
26	<p>Clause 26.0 - Adjustment of the contract value and final account</p> <p>Fluctuations in costs</p> <p>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]</p> <p>Tenant installation/user requirements delayed</p> <p>There is a possibility that certain works related to tenant installation/user requirements may have to be delayed and may consequently not be executed prior to practical completion</p> <p>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</p> <p>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</p>		
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	Brought Forward		R	
	<p>Cost of claims</p> <p>All costs incurred by the contractor in the preparation of claims shall be borne 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</p>			
	<p>Claims from subcontractors</p> <p>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]</p> <p>F:..... V:..... T:.....</p>	Item		
27	<p>Clause 27.0 - Recovery of expense and/or loss</p> <p>F:..... V:..... T:.....</p>	Item		
	<p><u>Suspension and termination (A28 - A29)</u></p>			
28	<p>Clause 28.0 - Suspension by the contractor</p> <p>F:..... V:..... T:.....</p>	Item		
29	<p>Clause 29.0 - Termination</p> <p>F:..... V:..... T:.....</p>	Item		
	<p><u>Dispute resolution (A30)</u></p>			
30	<p>Clause 30.0 - Dispute resolution</p> <p>F:..... V:..... T:.....</p>	Item		
31	<p><u>Agreement</u></p>			
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	Brought Forward		R	
	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:..... V:..... T:.....	Item		
32	<u>Contract data</u>			
	Tenderer's selections			
	Before submission of his tender the contractor is to complete the tenderer's selections in the contract data			
	F:..... V:..... T:.....	Item		
	<u>Definitions and interpretation (B1)</u>			
33	Clause 1.1 - Definitions			
	F:..... V:..... T:.....	Item		
34	Clause 1.2 - Interpretation			
	F:..... V:..... T:.....	Item		
	<u>Documents (B2)</u>			
35	Clause 2.1 - Checking of documents			
	F:..... V:..... T:.....	Item		
36	Clause 2.2 - Provisional bills of quantities			
	F:..... V:..... T:.....	Item		N/A
37	Clause 2.3 - Availability of construction information			
	F:..... V:..... T:.....	Item		
38	Clause 2.4 - Ordering of materials and goods			
	F:..... V:..... T:.....	Item		
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	Brought Forward		R	
	<u>Previous work and adjoining properties (B3)</u>			
39	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item		
40	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item		
41	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item		
	<u>The site (B4)</u>			
42	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item		
43	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item		
44	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item		
45	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item		
46	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item		
47	Clause 4.6 - Services - known F:..... V:..... T:.....	Item		
	<u>Management of contract (B5)</u>			
48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item		
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	Brought Forward		R
49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item	
50	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item	
	<u>Samples, shop drawings and manufacturer's instructions (B6)</u>		
51	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item	
52	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item	
53	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item	
54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item	
	<u>Deposits and fees (B7)</u>		
55	Clause 7.1 - Deposits and fees F:..... V:..... T:.....	Item	
	<u>Temporary services (B8)</u>		
56	Clause 8.1 - Water F:..... V:..... T:.....	Item	
57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK		

	Brought Forward			R
58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item		
59	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item		
	<u>Prime cost amounts (B9)</u>			
60	Clause 9.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item		
	<u>Attendance on subcontractors (B10)</u>			
61	Clause 10.1 - General attendance F:..... V:..... T:.....	Item		
62	Clause 10.2 - Special attendance F:..... V:..... T:.....	Item		
	<u>General (B11)</u>			
63	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item		
64	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....	Item		
65	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item		
66	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item		
67	Clause 11.5 - Disturbance			
	Carried Forward			R
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK			

	Brought Forward		R
	<p>Disturbance</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
68	<p>Clause 11.6 - Environmental disturbance</p> <p>Controlling all forms of pollution</p> <p>The contractor shall be responsible for and take all 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, wind-blown sand, dust, deposits of mud, etc</p> <p>The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works</p> <p>Environmental management plan</p> <p>The employer has prepared an environmental management plan (EMP). The contractor shall price opposite this item for compliance with all the requirements of such EMP</p> <p>F:..... V:..... T:.....</p>	Item	
69	<p>Clause 11.7 - Works cleaning and clearing</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK</p>		

	Brought Forward		R
70	Clause 11.8 - Vermin F:..... V:..... T:.....	Item	
71	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item	
72	Clause 11.10 - Tenant installations F:..... V:..... T:.....	Item	
73	Clause 11.11 - Advertising F:..... V:..... T:.....	Item	
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>		
74	Warranties for materials and workmanship Where warranties for 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 executing the work and shall deliver same to the principal agent on 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 rest entirely with the contractor F:..... V:..... T:.....	Item	
	Carried Forward		
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK		R

	Brought Forward		R
75	<p>Overtime</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
76	<p>Cooperation of the contractor for cost management</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
77	<p>Overloading</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK</p>		

MKAMBHATI CURIO SHOP VIEWING DECK
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Brought Forward		R
78	<p>Propping of floors below</p> <p>The contractor is advised that 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</p> <p>F:..... V:..... T:.....</p>	Item
79	<p>Testing of flat roof waterproofing for water tightness</p> <p>Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the water tightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:..... T:.....</p> <p><u>Note to Quantity Surveyor</u></p> <p>Failure, by the Tenderer, to price the items indicated below individually or per item will result in the Tender being deemed non-responsive. The legal requirements contemplated in the Construction Regulations (CR) 5(1)(g): <i>"A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures"</i> and CR 5(1)(h) <i>"A client must ensure that principal contractor to be appointed has the necessary competencies and resources to carry out the construction work safely"</i> Shall apply and will be used to motivate the disqualification of the Tender. The contractor's attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 1993: This Act not affected by agreements</p> <p><i>Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which</i></p>	Item
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK</p>		

	Brought Forward		R	
	<p><i>exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be.</i></p> <p>Note to Principal Contractor</p> <p>Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications.</p> <p>Note to Principal Contractor and Quantity Surveyor After pricing of the health and safety bill of quantities, the Contractor must sign the Certificate of Acquaintance as evidence that he is au fait regarding the contents, obligations and demands of the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications. Failure, by the Tenderer, to sign the Certificate of Acquaintance may result in the Tender being deemed non-responsive.</p>			
80	Notify the provincial director in writing of the commencement of construction work with and including submission of a of receipt and acknowledgement of the aforementioned by the director of his/her representative (Notification or Construction Work Permit)	Item		
81	Allow for the necessary Workman’s Compensation Fund FEM contributions for the duration of the project with and including renewals	Item		
82	Allow for the preparation and approval of project-specific H&S Plan & File [CR 7(1)(a)]	Item		
83	Allow for the implementation and maintenance of project specific H&S Plan & File. [CR 7]	Months	6	
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK			

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Brought Forward		R
84	Allow for the appointment of a Full-Time Competent Construction Health & Safety Officer to assist in the control all health and safety related aspects on site as per [CR	
	Months	6
85	Provide for appointment of responsible and competent person/s to manage and supervise the works and administer and enforce health and safety on site as per [CR 8(1),(2), &(7)	
	Months	6
86	Allow for provision of telecommunication facilities for the appointed Construction Health & Safety Officer	
	Months	6
87	Allow for provision of Basic Emergency Preparedness and Response equipment & at least Level 2 First Aider/s	
	Months	6
	<u>Provide, supply and maintenance for each worker the following SANS approved personal protective equipment clothing as per the site-specific risk assessments:</u>	
88	Hard Hats(High Density polyethylene, & 6-point lining)	
	No	
89	Overall/work suit (100%Cotton)	
	No	
90	Safety boots/shoes (Steel-Toe)	
	No	
91	Safety gloves	
	No	
92	Ear Plugs/Muffs	
	No	
93	Dust Mask(at least FF2 type)	
	No	
Carried Forward		R
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Brought Forward				R
94	Respirators	No		
95	Safety goggles	No		
96	Personal Fall arrest and rescue equipment with and including life lines and associated equipment	No		
97	High visibility reflective vests and/or bibs	No		
98	Temporary handrails ,toe boards other than for access scaffolding	m		
99	Temporary warning signs and symbols	No		
100	SANS approved safety netting (orange colour with minimum 1,2 meters high)	m		
101	Provision for the supply and maintenance of Road Traffic Signs as in terms of the South African Road Traffic Signs Manual complete		N/A	
102	Allow for Pre-employment medical examinations		Item	
103	Allow for exit medical examinations.		Item	
104	Contractors charges to allow for handling costs and profit in respect of the items (24 & 25)		%	
<u>HEALTH AND SAFETY EDUCATION</u>				
105	Allow for HIV/AIDS awareness and Implementation programmes, including STI and TB	Months	6	
Carried Forward				R
Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK				

ECPTA
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				R
	Brought Forward			
106	Allow for all compulsory health and safety awareness programme (e.g. Inductions, toolbox Talks, Safety Promoti H&S related training, etc.)	Months	6	
	<u>ENVIRONMENTAL</u>			
107	Provide for adequate handling and storage of materials to minimize contamination of ground, air or water.			SUM
108	Provide for the adequate and safe collection and disposal of waste material from site by an approved method			SUM
109	Provide Facilities and Eating Area for workers.			SUM
110	Provide for rehabilitation on completion of site areas and temporary access routes not covered by construction or landscaping specifications.		Item	
111	Provide for stockpiling of topsoil for re-use		Item	
112	Provide for a Responsible person to prepare and update Method Statements, conduct regular inspections, maintain records, and report to the Principal Agent/Employers SHE Agent.	Months	6	
	<u>COMPULSORY BREAKDOWN FOR THE ADJUSTMENT PRELIMINARIES</u>			
	F:..... V:..... T:.....		Item	
	Carried Forward			R
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward

R

CERTIFICATE OF ACQUAINTANCE WITH TENDER DOCUMENTS

Name of Company.....

I/We.....

Hereby certify that I/we acquainted ourselves with the Health and Safety Act 85 Of 1993 as well as the Construction Regulations, 2014 and all conditions contained herein as laid down by the State for the carrying out of construction work for which I/We submit our response. I/We further agree that the State shall recognise no claim from me/us for relief based on allegations that I/We overlooked any tender requirements or failed to take into account the purpose of completing the documentation as required.

Signed at..... On this the..... Day..... Of 20

.....
WITNESS **NAME IN BLOCK LETTERS**

.....
For and on behalf of Contractor

.....
Contractors Signature *I.D of Signatory*

113 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. It is specifically stated that the **employer** shall prepare a documented health and safety specification for the **works** and that the **employer** shall ensure that the **contractor** has made provision for the cost of health and safety measures during the execution of the **works**. The **contractor** shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [2.1]

Carried Forward

R

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 Bill No. 1
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	Brought Forward		R
	The contractor shall:		
	1. Comply with the health and safety specification for the works		
	2. Prepare and agree with the health and safety consultant the health and safety plan for the works		
	3. Cooperate with the health and safety consultant in all respects		
	4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification		
	5. Conform to the conditions contained in the employer's health and safety specification		
	F:..... V:..... T:.....	Item	
114	Provision for Covid-19 OHS Act and Construction Regulations (2014)		
115	Preparation of Contractors Site Health and Safety (Once off for the duration of the contract)		SUM
116	Review of OHS Plan for each assignment. Rate to include for risk assessment specific to the COVID-19 Epidemic and other adjustments to ensure compliance for the assignment		SUM
117	Principal Contractors Fixed Cost obligation in respect of the OHS Act and Construction regulations		SUM
	Signage- COVID-19 Related		
118	Principal Contractor's time related obligation in respect of the OHS Act and Construction Regulations	Months	6
	Provision for Personal Protective Equipment & Protective Clothing		
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK		

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BILLS OF QUANTITIES**

		Brought Forward		R
119	Reflective Vests	No		
120	Hard Hats	No		
121	Protective footwear	No		
122	Earplugs	m		
123	Dust Masks	No		
124	Face Mask for COVID-19 respiratory protection (as required)	No		
125	Surgical Gloves (for security and cleaning team)	No		
126	Safety Goggles for screening Person	No		
127	Provision for full time construction Health & Safety Officer	Months	6	
	Costs of medical certificate and Medical Surveillance			
128	Initial (baseline) medical examinations	No		
	Screening for Employees with COVID-19 Symptoms			
129	Exit examinations	No		
130	Re-induction Training for COVID-19			SUM
131	Provision for First Aid Boxes			SUM
132	Non-contact thermometers	m		
	Fixed-Charge items			
133	Contractual requirements	No		
	Carried Forward			R
Section No. 1				
Bill No. 1				
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MKAMBHATI CURIO SHOP & VIEWING DECK				

ECPTA
MKAMBHATI CURIO SHOP VIEWING DECK
BILLS OF QUANTITIES

	Brought Forward		R
134	Facilities for contractor including offices, storage sheds, workshops, laboratories, living accommodation, ablutions and latrines facilities, tools and equipment, water supplies, electric power, communications, setting out of Works, security and dealing with water, traffic and access. Made COVID-19 Safe	m	
	Other fixed-charge obligations for COVID-19		
135	Hand Sanitiser - 500ml	No	
136	Cleaning and detergents for cleaning everyday	No	
137	Daily Logbook for above	No	
138	Extra cleaning staff	No	
	Waste management for COVID-19		
139	Waste Bins		SUM
	Maintenance of a register for workers contacts		
140	Removal of site establishment on completion		SUM
141	Green star building certification		
	F:..... V:.....T:.....	Item	
142	Broad based black economic empowerment (BBBEE)		
	Tenders submitted will be evaluated taking into account their empowerment rating		
	The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works		
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK		

	Brought Forward		R
	<p>The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBEE rating including proof of the said rating</p> <p>F:..... V:..... T:.....</p>	Item	
143	<p>Advertising rights</p> <p>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. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement</p> <p>F:..... V:..... T:.....</p>	Item	
144	<p>Confidentiality</p> <p>The contractor undertakes to maintain in 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</p> <p>No information regarding this project shall be published or disclosed without the prior written consent of the employer</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries & General MKAMBHATI CURIO SHOP & VIEWING DECK</p>		

	Brought Forward		R
145	<p>Media releases</p> <p>All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p><u>SUMMARY OF CATEGORIES</u></p> <p>Category : Fixed R.....</p> <p>Category : Value R.....</p> <p>Category : Time R.....</p>	Item	
	Carried to Final Summary		R
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries & General</p> <p>MKAMBHATI CURIO SHOP & VIEWING DECK</p>		

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 1</u>			
	<u>FOUNDATIONS (PROVISIONAL)</u>			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated all items in this bill will be Work Group 104			
	<u>SITE CLEARANCE, ETC</u>			
	<u>EARTHWORKS</u>			
	Site clearance			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	44.00	
	<u>EXCAVATION, ETC</u>			
	Excavation in earth not exceeding 2m deep			
2	Holes	m3	69.00	
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
3	Soft rock	m3	15.00	
4	Hard rock	m3	8.00	
	<u>Extra over all excavations for carting away</u>			
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	29.00	
	Carried Forward			R
	Section No. 2 Bill No. 1 EARTHWORKS MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward			R
<u>Risk of collapse of excavations</u>			
6	Sides of trench and hole excavations exceeding 1,5m deep	m2	220.00
<u>Keeping excavations free from water</u>			
7	Keeping excavations free from mud and all water other than from subterranean sources		Item
<u>FILLING, ETC</u>			
<u>Earth filling supplied by the contractor compacted to 98% Mod AASHTO density</u>			
8	Backfilling to trenches, holes, etc.	m3	81.00
<u>Compaction of surfaces</u>			
9	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	222.00
<u>Prescribed density tests on filling</u>			
10	Modified AASHTO Density' test on fill material (Provisional).	No	3.00
<u>PROTECTION AGAINST TERMITES</u>			
<u>Soil insecticide</u>			
11	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming	m2	222.00
12	To bottoms and sides of trenches, etc	m2	56.00
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 1			
EARTHWORKS			
MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No		Quantity	Rate	Amount
	<p><u>BILL NO.2</u></p> <p><u>CONCRETE, FORMWORK & REINFORCEMENT</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Proprietary products in descriptions</u></p> <p><u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u> <u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent</u></p> <p><u>Cost of tests</u></p> <p><u>Descriptions of concrete items shall be deemed to include for all necessary testing of concrete components and trail mixes</u></p> <p><u>The costs of making, storing and testing of concrete test cubes as required shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Principal Agent . (Test cubes are measured separately)</u></p> <p><u>CPAP WORK GROUP</u></p> <p><u>Unless otherwise stated all items in this bill will be Work Group 110</u></p> <p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p>			
	Carried Forward		R	
	<p>Section No. 2 Bill No. 2 CONCRETE, FORMWORK & REINFORCEMENT MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

		Brought Forward			R
	<u>25 MPa/19mm concrete</u>				
1	Bases	m3	26.00		
	<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>				
	<u>CONCRETE TESTING</u>				
2	Making and testing 150 x 150 x 150 mm concrete strength test cube in sets of three (Provisional)	No	4.00		
Carried Forward to Summary of Section No. 2					R
Section No. 2 Bill No. 2 CONCRETE, FORMWORK & REINFORCEMENT MKAMBHATI CURIO SHOP & VIEWING DECK					

Item No		Quantity	Rate	Amount
	<p><u>BILL NO.3</u></p> <p><u>MASONRY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Proprietary products in descriptions</u></p> <p><u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u> <u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u> <u>approval by the Principal Agent al by the</u> <u>Principal Agent</u></p> <p><u>BRICKWORK</u></p> <p>Sizes in descriptions</p> <p>Where sizes in descriptions are given in brick units, 'one brick' shall be the length and 'half brick' the width of a brick</p> <p>Cement mortar</p> <p>Unless otherwise described, all brickwork shall be built in 1: 6 cement mortar</p> <p>Face bricks</p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p>Pointing</p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p>Samples, etc</p>			
	Carried Forward		R	
	<p>Section No. 2 Bill No. 3 MASONRY MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

Brought Forward							
Rates for brickwork, faced brickwork, etc shall include for all required samples							
<u>CPAP WORK GROUP</u>							
Unless otherwise stated all items in this bill will be Work Group 116							
<u>Brickwork Sundries</u>							
1	Prepare set of three 150 x150 x 150mm mortar (10 - 15Mpa) strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Representative/Agent. Only successful tests will be paid for (Provisional)	No	5.00				
<u>SUPERSTRUCTURE</u>							
<u>Brickwork of NFP bricks</u>							
2	Half brick walls	m2	66.00				
<u>Bagging and sealing the outer face of the inner skin of walls with 1:6 cement and sand mixture and seal with two coats 'Brixéal' bitumen emulsion waterproofing coating.</u>							
3	To walls (Provisional)	m2	66.00				
<u>Air bricks etc</u>							
4	229 x 152mm Glazed clay vermin proof louvred air bricks (Provisional)	No	10.00				
Carried Forward to Summary of Section No. 2							R
Section No. 2							
Bill No. 3							
MASONRY							
MKAMBHATI CURIO SHOP & VIEWING DECK							

Item No		Quantity	Rate	Amount
	<u>BILL NO.4</u>			
	<u>WATERPROOFING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Proprietary products in descriptions			
	Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent			
	CPAP WORK GROUP			
	Unless otherwise stated all items in this bill will be Work Group 120			
	<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
	<u>JOINT SEALANTS, ETC</u>			
1	Spray foam in between timber structure and walls (by specialist - Foamlock Africa)	m2	210.00	
	<u>Clear silicone sealant</u>			
2	In joint sealing and pointing around sanitary fittings (provisional).	m	5.00	
	<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>			
	<u>One layer Derbigum SP4 waterproofing membrane sealed by means of 'torchfusion' or Coldbond 90 adhesive with 75mm side laps and 100mm end laps, laid under a ten year guarantee including painting or stone pitching</u>			
3	Roofs	m2	75.00	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 4			
	WATERPROOFING			
	MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No	Quantity	Rate	Amount
<p><u>BILL NO.5</u></p>			
<p><u>ROOF COVERINGS</u></p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p>Proprietary products in descriptions</p>			
<p>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent</p>			
<p>Fixing</p>			
<p>Fixing shall be done according to SABS 1200HB with minimum 225mm end laps</p>			
<p>Guarantee</p>			
<p>The contractor will be required to provide a written guarantee, stating that : 1. The roof sheeting is of the specified thickness 2. The client is indemnified against any defects, including colour deterioration for a minimum period of 15 years</p>			
<p>CPAP WORK GROUP</p>			
<p>Unless otherwise stated all items in this bill will be Work Group 124</p>			
<p>User Note - The fixing recommendations of the manufacturer of the tiles used for the specific region and/or situation are to be incorporated as supplementary preambles</p>			
<p>TILES (CPAP WORK GROUP NO. 122)</p>			
<p>Carried Forward</p>		R	
<p>Section No. 2 Bill No. 5 ROOF COVERINGS MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

	Brought Forward			R
	<p><u>Klip - Tite - Zinccal AZ150 coated steel G550 - 700mm roof sheet colourplus Laid On And including One Layer Of Sisalation FR 405 Underlay with 150mm Lapped And Sealed Joints And Fixed With Storm Clips And Non-Corrosive Tile Nails To And Including 38 x 38mm Sawn Pine Battens At 320mm centres</u></p>			
1	Roof covering with 6 and 10 degree pitch.	m2	225.00	
	<p><u>RAINWATER DISPOSAL (GUTTERS)</u></p> <p><u>Watertite or other similar approved seamless gutters, downpipes etc (Provisional)</u></p>			
2	Watertite guttering	m	20	
3	Extra for shoe	No	4	
4	Watertite guttering 78 x 78 x 2mm thick aluminium downpipe	m	5.00	
5	Stopped End	No	2.00	
	Carried Forward to Summary of Section No. 2			R
	<p>Section No. 2 Bill No. 5 ROOF COVERINGS MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

Item No	Quantity	Rate	Amount
<p><u>BILL NO.6</u></p>			
<p><u>CARPENTRY & JOINERY</u></p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p>Proprietary products in descriptions</p>			
<p>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent</p>			
<p>Roof trusses</p>			
<p>The truss system shall be designed by an Engineer and the Contractor shall complete and submit a certificate of confirmation. This certificate will state that the trusses have been designed, manufactured and erected in accordance with the relevant SANS code. The details of the registered engineer certifying this will appear on the certificate</p>			
<p>Joinery</p>			
<p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p>			
<p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p>			
<p>Fixing</p>			
<p>All nailing of timber roof trusses, purlins, etc shall be done with galvanised nails. In coastal areas, copper, aluminium or stainless steel nails shall be used</p>			
<p>Items described as 'nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p>			
<p>Carried Forward</p>		R	
<p>Section No. 2 Bill No. 6 CARPENTRY & JOINERY MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

	Brought Forward				R
	Where items are described as 'bolted the bolts have been measured elsewhere				
	CPAP WORK GROUP				
	Unless otherwise stated all items in this bill will be Work Group 126				
	<u>ROOFS, ETC</u>				
	<u>Sawn Pine</u>				
1	38 x 114 mm Wall plates	m	41.00		
	<u>Roof Trusses</u>				
	The following truss prices are to include for design, supply and erection of the trusses complete including bolts, gang nailing, connectors, connections, etc. and comply with SABS 0243: The Design, Manufacture and Erection of timber Trusses				
	The truss fabricator or his design engineer will issue a certificate of compliance to the Principal Agent which confirms that: (a). The Manufacturer of the pre-fabricated trusses holds a certificate of competence issued by the institute for timber construction.				
	The truss fabricator or his design engineer will issue a certificate of compliance to the Principal Agent which confirms that:				
	(a). The Manufacturer of the pre-fabricated trusses holds a certificate of competence issued by the institute for timber construction.				
	(b). The design has been approved by a Registered Professional Engineer.				
	©. The trusses have been manufactured to specification.				
	(d). The trusses have been erected to specification.				
	Carried Forward				R
	Section No. 2 Bill No. 6 CARPENTRY & JOINERY MKAMBHATI CURIO SHOP & VIEWING DECK				

	Brought Forward				R
	<p>The dimensions of the trusses given in the following descriptions are nominal and the actual measurements for the design and manufacture of the trusses must be taken from the working drawings.</p> <p>The truss spans given are measured horizontally between the outer faces of the wall plates and overhangs are measured from the external wall face.</p> <p><u>Prefabricated timber roof construction complete including purlins, runners, bracing hips, valleys, cleats, purlins, etc supplied and fixed complete:</u></p>				
2	Trusses for rectangular shaped building, size 18.13 x 12.02 on plan	Item			
	<p><u>EAVES, VERGES, ETC</u></p> <p><u>Nutec Medium Density Plain Fascia Cut To Lengths And Butt Jointed With Galvanised H-Profile Steel Jointing strips And Fixed With Countersunk Brass Screws</u></p>				
3	12 x 225mm thick Fascias and barge boards including galvanised steel H-profile jointing strips	m	41.00		
	<p><u>DOORS, ETC</u></p> <p><u>Semi-solid flush doors with 3,2mm tempered hardboard facings and 2 hardwood edge strips hung on galvanised steel frames. Doors manufactured according to SANS 545</u></p>				
4	44mm Door 900 x 2100mm high	No	3.00		
	<p><u>DOOR FRAMES</u></p> <p><u>Wrought Meranti</u></p>				
5	55 x 90 Meranti timber rebated door frame and 16 x 16mm maranti quadrant door reveal sides(with uniform colour)	No	3.00		
	Carried Forward				R
	<p>Section No. 2 Bill No. 6 CARPENTRY & JOINERY MKAMBHATI CURIO SHOP & VIEWING DECK</p>				

Brought Forward			R
<u>SKIRTINGS</u>			
<u>Wrought meranti</u>			
6	19 x 76mm Skirting including 19mm quadrant bead nailed	m	75
<u>Structural Timber</u>			
7	Gumpoles	No	32.00
8	Beam Bearer	m	73.00
9	Joists @ 400mm cc max for internal flooring	m	4.00
10	Timber Ramp		Item
<u>EXTERNAL CLADDING</u>			
11	To external walls	m2	200
<u>TIMBER FRAMEWORK</u>			
12	Framework	m2	200
Carried Forward to Summary of Section No. 2			R
Section No. 2 Bill No. 6 CARPENTRY & JOINERY MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No		Quantity	Rate	Amount
	<u>BILL NO.7</u>			
	<u>CEILINGS, PARTITIONING AND ACCESS FLOORING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Proprietary products in descriptions			
	Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent			
	Descriptions			
	Items described as 'nailed shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	CPAP WORK GROUP			
	Unless otherwise stated all items in this bill will be Work Group 129			
	<u>CEILINGS, ETC</u>			
	<u>9,5mm Skimmed 'Rhinoboard ceiling and fixing accessories</u>			
1	Ceilings including 38 x 50mm sawn south african pine brandering at not exceeding 450mm centres in one direction	m2	75.00	
2	Extra over ceiling for opening for 650 x 650mm trap door complete with trimmers, frame, cross branders, ceiling board, hinges, etc as described (Provisional)	No	2.00	
	Carried Forward			R
	Section No. 2 Bill No. 7 CEILINGS, PARTITIONING AND ACCESS FLOORING MKAMBHATI CURIO SHOP & VIEWING DECK			

	Brought Forward				R
	<u>Rhino Gypsum plasterboard cornice</u>				
3	75 mm Coved cornices	m	53.00		
	<u>Flexible Polyester Blanket Insulation</u>				
4	100mm thick Insulation closely fitted and laid on top of brandering between roof timbers etc	m2	350.00		
5	Dry Walling	m2	91.00		
	Carried Forward to Summary of Section No. 2				R
	Section No. 2				
	Bill No. 7				
	CEILINGS, PARTITIONING AND ACCESS FLOORING				
	MKAMBHATI CURIO SHOP & VIEWING DECK				

Item No		Quantity	Rate	Amount
	<u>BILL NO. 8</u>			
	<u>IRONMONGERY</u>			
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 132 for CPAP formula purposes.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:			
	BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded			
	<u>HINGES, BOLTS, ETC.</u>			
1	150mm Brass barrel bolt	No	8	
	<u>LOCKS</u>			
	<u>"Union"</u>			
2	"CZ682-24/2247-78" or other similar and approved four lever lockset with striking plate fixed to metal or timber	No	2	
	<u>HANDLES</u>			
	Carried Forward		R	
	Section No. 2 Bill No. 8 IRONMONGERY MKAMBHATI CURIO SHOP & VIEWING DECK			

		Brought Forward		R
	<u>SUNDRIES</u>			
	<u>"Union"</u>			
3	"AL8730AS" door stop plugged	No	4	
4	"AL8722AS" rubber tipped hat and coat hook	No	4	
Carried Forward to Summary of Section No. 2				R

Section No. 2
 Bill No. 8
 IRONMONGERY
**MKAMBHATI CURIO SHOP &
 VIEWING DECK**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 9</u>			
	<u>FLOOR COVERINGS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Proprietary products in descriptions			
	Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent			
	Cleaning			
	Rates for floor covering shall include for stripping and proper cleaning on completion			
	CPAP WORK GROUP			
	Unless otherwise stated all items in this bill will be Work Group 130			
	<u>FLOOR COVERINGS</u>			
1	<u>Marine Grade Shutter ply floating floor</u>	m2	70.00	
2	Internal flooring, apply tier flooring to marine grade shutter ply (floating floor)	m2	70.00	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 9			
	FLOOR COVERING			
	MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No	Quantity	Rate	Amount
<u>BILL NO.10</u>			
<u>METALWORK</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary products in descriptions</u>			
<u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u>			
<u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent</u>			
<u>Descriptions</u>			
<u>Descriptions of bolts shall be deemed to include nuts and washers</u>			
<u>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork of concrete</u>			
<u>Metalwork described as 'holed for bolt(s)' shall be deemed to exclude the bolts unless otherwise described</u>			
<u>CPAP WORK GROUP</u>			
<u>Unless otherwise stated all items in this bill will be Work Group 136</u>			
<u>ALUMINIUM WINDOWS / SHOPFRONTS</u>			
Carried Forward			R
Section No. 2 Bill No. 10 METALWORK MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward				R
<p><u>Abutments between window, door frames and surrounding faced or plastered brickwork shall be pointed internally and externally with an approved silicone sealer. Rates of aluminium windows shall be deemed to include for silicone pointing.</u></p> <p><u>Opening sashes to be provided with standard casement hinges, pegs and stays as supplied by window manufacturer.</u></p> <p><u>All glazed sections to be fixed with internal clip-on glazing beads and neoprene seals.</u></p> <p><u>Powder coated charcoal grey aluminium windows glazed with 6mm Clear laminated safety glass, unless otherwise described, frames fixed to meranti sub-frames plugged to brickwork or concrete and sealed all round as described (All in accordance with manufacturer's instructions and to architect's approval):</u></p>				
1	Aluminium window frame complete with safety glass, with stainless steel screws to opening sections, ironmongery, etc overall size 600 x 2400mm high.	No	1.00	
2	Aluminium window frame complete with safety glass, with stainless steel screws to opening sections, ironmongery, etc overall size 600 x 600 mm high.	No	1.00	
3	Aluminium window frame complete with safety glass, with stainless steel screws to opening sections, ironmongery, etc overall size 1050 x 600mm high.	No	1.00	
4	Aluminium window frame complete with safety glass, with stainless steel screws to opening sections, ironmongery, etc overall size 600 x 1880mm high.	No	1.00	
<p><u>PURPOSE MADE ALUMINIUM DOORS</u></p> <p><u>Aluminium Doors</u></p>				
5	Aluminium Door size 900 x 2100mm	No	1	
Carried Forward to Summary of Section No. 2				R
<p>Section No. 2 Bill No. 10 METALWORK MKAMBHATI CURIO SHOP & VIEWING DECK</p>				

Item No		Quantity	Rate	Amount
	<p><u>BILL NO.11</u></p> <p><u>PLASTERING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Proprietary products in descriptions</u></p> <p><u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u> <u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u> <u>approval by the Principal Agent al by the</u> <u>Principal Agent</u></p> <p><u>CPAP WORK GROUP</u></p> <p><u>Unless otherwise stated all items in this bill will be Work Group 142</u></p> <p><u>RHINOLITE</u></p>			
1	40mm Thick on dry walls	m2	190	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2 Bill No. 11 PLASTERING MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No		Quantity	Rate	Amount
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 144 for CPAP formula purposes.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding.			
	<u>WALL TILING</u>			
	<u>200 x 200 x 6mm "Cercisa Tinte Unite" White glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u>			
1	On walls	m2	4	
2	On walls in isolated panels, splashbacks, etc	m2	1	
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 Bill No. 12 TILING MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No	Quantity	Rate	Amount
<p><u>BILL NO.13</u></p>			
<p><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></p>			
<p><u>SUBSOIL DRAIN PIPES</u></p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Proprietary products in descriptions</u></p>			
<p><u>G7 Natural gravel in layers not exceeding 150 mm with a CBR of less than 15 and a maximum particle size of 100 mm, compacted to 95% Modified AASHTO density at optimum moisture content</u></p>			
<p><u>Fixing</u></p>			
<p><u>Descriptions of wall mounted, floor standing, drop-in, etc type sanitary fittings shall be deemed to include fixing in position and all fixing accessories</u> <u>Descriptions of proprietary items shall include fixing in position and all fixing accessories as specified by the manufacturer</u></p>			
<p><u>Chasing</u></p>			
<p><u>Chasing pipes into new walls shall be regarded as 'building in' and is not measured separately. The cost of chasing and making good shall be included in the rates for pipes</u></p>			
<p><u>Stainless steel sanitary fittings</u></p>			
<p><u>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</u></p>			
<p><u>Waste unions</u></p>			
<p>Carried Forward</p>		R	
<p>Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE MKAMBHATI CURIO SHOP & VIEWING DECK</p>			

Brought Forward			R
<u>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</u>			
<u>SOIL DRAINAGE</u>			
<u>CPAP WORK GROUP 146</u>			
<u>Marley or similar approved gulleys</u>			
1	100mm Gulley not exceeding 1000mm deep	No	1.00
<u>CPAP WORK GROUP</u>			
<u>Unless otherwise stated all items in this bill will be Work Group 148</u>			
<u>SANITARY FITTINGS</u>			
<u>Marley or similar approved'</u>			
2	32 x 40mm rubber universal Resealing 'P' or 'S' trap as flexi type F3240rups	No	1.00
<u>TAPS, VALVES, ETC</u>			
<u>Cobra Watertech or similar approved'</u>			
3	Capstan-CS-266/041 CP wall type sink mixer with aerated swivel outlet including 20mm BSP inlets SANS 266 type 2	No	1.00
4	Star 207EC-20, hose bibtap with 15mm BSP wing nut and liner for 15mm hose pipe SANS 226 Type 2	No	1.00
5	32mm standing overflow tube chrome plated	No	1.00
<u>Vaal or similar approved'</u>			
6	Tap hole stopper	No	1.00
<u>WASTE UNIONS, ETC</u>			
Carried Forward			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward			R
<u>TRAPS, ETC</u>			
<u>Cobra watertech or similar approved'</u>			
7	350 bottle trap, Reseal bottle trap with telescopic basin connection pipe 32mm BSP female inlet and 40mm outlet	No	1.00
<u>SANITARY PLUMBING</u>			
<u>uPVC pipes</u>			
8	40mm Pipes	m	1.00
9	50mm Pipes	m	1.00
10	110mm Pipes	m	1.00
11	50mm Pipes laid in and including trenches not exceeding 1m deep under surface beds	m	1.00
12	110mm Pipes laid in and including trenches not exceeding 1m deep under surface beds	m	1.00
<u>Extra over uPVC pipes for uPVC fittings</u>			
13	50mm Adaptor	No	1.00
14	50mm Reducer	No	1.00
15	50mm Bend	No	1.00
16	50mm Junction	No	1.00
17	50mm Reducing junction	No	1.00
18	50mm Access bend	No	1.00
19	50mm Access junction	No	1.00
20	110mm 'GI two-way' vent valve	No	1.00
Carried Forward			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward			R
<u>Sundries</u>			
21	Testing waste pipe system	Item	
<u>WATER SUPPLIES</u>			
<u>Class II copper pipes</u>			
22	15mm Pipes	m	20.00
23	22mm Pipes	m	35.00
<u>FIRE APPLIANCES, ETC</u>			
24	4,5 kg DCP fire extinguisher including backboard, plugged and screwed	No	1.00
25	Fire hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket fixed to wall	No	1.00
Carried Forward to Summary of Section No. 2			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE MKAMBHATI CURIO SHOP & VIEWING DECK			

Item No		Quantity	Rate	Amount
	<u>BILL NO.14</u>			
	<u>PAINTWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions</u>			
	<u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior</u>			
	<u>Proprietary products shall be used as specified . Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent al by the Principal Agent</u>			
	<u>CPAP WORK GROUP</u>			
	<u>Unless otherwise stated all items in this bill will be Work Group 152</u>			
	<u>ON PLASTER BOARD</u>			
	<u>Apply two finishing coats of approved PVA paint to comply with SABS 634 colour white</u>			
1	On ceilings	m2	70.00	
	<u>ON WOOD</u>			
	<u>One coat Oil Based Wood Primer and two coats finishing coats high gloss enamel paint by plascon or similar approved</u>			
2	On doors	m2	7.00	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 14			
	PAINTWORK			
	MKAMBHATI CURIO SHOP & VIEWING DECK			

**MKAMBHATI CURIO SHOP VIEWING DECK
BILLS OF QUANTITIES**

Bill No	SECTION SUMMARY - CURIO SHOP	Page No	Amount
1	EARTHWORKS	39	
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14	PAINTWORK	64	
	Carried to Final Summary		R
	Section No. 2 MKAMBHATI CURIO SHOP & VIEWING DECK		

Item No	Quantity	Rate	Amount
<u>SECTION 3</u>			
<u>BILL NO. 1</u>			
<u>PROVISIONAL SUMS</u>			
<u>NOTES:</u>			
1.	The Contractor's attention is drawn specifically to the Principal Building Agreement Clause 20.0 (Nominated Sub-Contractors), Clause 21.0 (Selected Sub-Contractors) and Clause 22 (Work by Others) and to the related Clauses in Section 1, Bill No. 1 - Preliminaries		
2.	The Contractor's attention is drawn also to the definition of attendance on Nominated or Selected Sub-Contractors and of fuel, power and water for commissioning of mechanical and other specialised installations given in the JBCC Preliminaries		
3.	Where special attendance includes the provision of hoisting facilities for a Sub-Contractor then the Contractor shall:-		
	* Ensure that the capacities of his hoisting equipment are sufficient to deal with the masses and the quantities of the items to be hoisted,		
	* Schedule the times of availability of the hoisting equipment for each Sub-Contractor,		
	* Provide all necessary personnel to operate the hoisting equipment,		
	all to enable the Sub-Contractor to execute the hoisting or lowering of his material, etc. using the facilities provided by the Contractor		
4.	Under no circumstances may any Provisional Amount, etc. be extended at an amount lower than the amount given in this Bill		
	Carried Forward	R	
Section No. 3 Bill No. 1 PROVISIONAL SUMS MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward		R	
5. CPAP Formula Work Group 190 shall apply to all lump sum amounts of profit and attendance			
Carried Forward		R	
Section No. 3 Bill No. 1 PROVISIONAL SUMS MKAMBHATI CURIO SHOP & VIEWING DECK			

Brought Forward		R
<u>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUB-CONTRACTS</u>		
<u>Electrical & Mechanical Installation</u>		
1	Provide the amount of R 263,555.00 Two Hundred and Sixty Three Thousand Five Hundred and Fifty Five for Electrical & Mechanical Installation supplied and installed complete	263,555.00
2	Profit	
3	Allow for general attendance	
<u>Viewing Deck</u>		
4	Provide the amount of R 300,000.00 Three Hundred Thousand for Viewing Deck supplied and installed complete	300,000.00
5	Profit	
6	Allow for general attendance	
Carried to Final Summary		R
Section No. 3		
Bill No. 1		
PROVISIONAL SUMS		
MKAMBHATI CURIO SHOP & VIEWING DECK		

Section No		Page No	Amount
<u>FINAL SUMMARY</u>			
1	PRELIMINARIES & GENERAL	37	
2	CURIO SHOP	65	
3	PROVISIONAL SUMS	68	
	Sub Total		R
	Allow the Amount of R 50,169.34 Fifty Thousand One Hundred and Sixty Nine and Thirty Four for contingencies, to be used by the Principal Agent in terms of Clause 17 of the Principal Building Agreement		R 50,169.34
<u>COMMUNITY LIAISON OFFICER</u>			
	Provide the amount of R 5,000.00 (Five Thousand) @ (R5000.00/month) for the appointment of community liaison officer	Item	
	Sub Total		R
	Tax		R
	TOTAL		R
	Carried to Form of Tender		R
	MKAMBHATI CURIO SHOP & VIEWING DECK		