

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 1</u></b></p> <p><b><u>BILL NO. 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b></p> <p>The <b>JBCC</b> 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</p> <p>The <b>JBCC</b> Principal Building Agreement <b>contract data</b> form an integral part of this <b>agreement</b></p> <p>The <b>JBCC</b> General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the <b>JBCC</b> Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these <b>bills of quantities</b>, amended as hereinafter described</p> <p>The <b>contractor</b> 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 <b>agreement</b> such item is marked N/A signifying "not applicable"</p> <p>Where standard clauses or alternatives are not entirely applicable to this <b>agreement</b> 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>			
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**Brought Forward**

R

**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 General Preambles

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

**STRUCTURE OF THIS PRELIMINARIES BILL**

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

**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)

**SECTION A: PRINCIPAL BUILDING AGREEMENT**

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries

<b>Brought Forward</b>		<b>R</b>
<b><u>Interpretation (A1-A7)</u></b>		
1	Clause 1.0 - Definitions and interpretation  Pricing of bills of quantities	
2	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	
3	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	
4	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 shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice	
<b>Carried Forward</b>		<b>R</b>
Section No. 1 Bill No. 1 Preliminaries		

<b>Brought Forward</b>		R
	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 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	
	F:..... V:..... T:.....	Item
5	Clause 2.0 - Law, regulations and notices	
	F:..... V:..... T:.....	Item
6	Clause 3.0 - Offer and acceptance	
	F:..... V:..... T:.....	Item
7	Clause 4.0 - Cession and assignment	
	F:..... V:..... T:.....	Item
8	Clause 5.0 - Documents	
	F:..... V:..... T:.....	Item
9	Clause 6.0 - Employer's agents	
	F:..... V:..... T:.....	Item
10	Clause 7.0 - Design responsibility	
	F:..... V:..... T:.....	Item
	<b><u>Insurances and securities (A8-A11)</u></b>	
11	Clause 8.0 - Works risk	
	<b>Carried Forward</b>	R
	Section No. 1	
	Bill No. 1	
	Preliminaries	

<b>Brought Forward</b>		R
	F:..... V:..... T:.....	Item
12	Clause 9.0 - Indemnities	
	F:..... V:..... T:.....	Item
13	Clause 10.0 - Insurances	
	F:..... V:..... T:.....	Item
14	Clause 11.0 - Securities	
	Guarantee for payment	
	The Employer shall not provide to the contractor with a guarantee for payment	
	By virtue of the contractor submitting a tender offer, he is deemed to have waived his lien or right of continuing possession of the works [11.10]	
	Sub-clause 11.10 has been amended to read as follows:	
	"The contractor shall waive his lien or right of continuing possession of the works."	
	Clause 11.0 has been amended to include the following new sub-clauses:	
	Sub-clause 11.11	
	The guarantee provided by the contractor's Guarantor shall have an expiry date (if stated) no less than 3 months after the practical completion date and shall be extended accordingly should the practical completion date be extended. The cost for same shall be included on the contractor's tender price as no claims for additional cost shall be entertained	
	Sub-clause 11.12	
	The contractor is required to provide the Employer with a variable construction guarantee with twenty-one (21) calendar days of acceptance of the contractors' tender	
	<b>Carried Forward</b>	R
	Section No. 1	
	Bill No. 1	
	Preliminaries	

<p align="center"><b>Brought Forward</b></p> <p>Sub-clause 11.13</p> <p>Extension of waiver of lien</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p><b><u>Execution (A12 - A17)</u></b></p>		R	
<p>15 Clause 12.0 - Obligations of the parties</p> <p>Sub-clause 12.2.6 has been amended to include the following:</p> <p>The programme for the works must be prepared and issued in Microsoft Project Programming Software</p> <p>The contractor shall include a float of 10 working days within the contract period for project delays such as, but not limited to adverse weather conditions, etc., in the programme. Such provisions shall initially be included at the end of the contract period or proportionally allocate at the end of each section for contracts with sectional completion, and shall be monitored by the contractor and agreed with the Principal Agent as and when such delays takes place and shall be recorded in the programme based on actual stoppages when incurred. Revision of the date for Practical Completion shall only be considered once the 10 working days has been fully utilised</p> <p>Sub-clause 12.2.10 has been amended to include the following:</p> <p>The contractor shall be required to maintain, in addition to the approved programme, a comprehensive fortnightly bar-chart programme expanded to reflect anticipated daily activities for the ensuing fourteen (14) days</p>	Item		
<p align="center"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries</p>		R	

<b>Brought Forward</b>		R
	<p>Sub-clause 12.2.18 has been amended to include the following:</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>The contractor's site camp shall be equipped with Wi-Fi internet connection which shall be utilised by the contractor's staff, the client and members of professional team</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>F:..... V:..... T:.....</p>	
16	<p>Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p>	Item
17	<p>Clause 14.0 - Nominated subcontractors</p> <p>F:..... V:..... T:.....</p>	Item
18	<p>Clause 15.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>	Item
19	<p>Clause 16.0 - Direct contractors</p> <p>1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials</p>	
	<b>Carried Forward</b>	R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>	

	<b>Brought Forward</b>		R
	<p>2. Allow the use of personnel welfare facilities, where provided</p> <p>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</p> <p>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]</p> <p>F:..... V:..... T:.....</p>	Item	
20	<p>Clause 17.0 - Contract instructions</p> <p>F:..... V:..... T:.....</p> <p><b><u>Completion (A18 - A24)</u></b></p>	Item	
21	<p>Clause 18.0 - Interim completion</p> <p>F:..... V:..... T:.....</p>	Item	
22	<p>Clause 19.0 - Practical completion</p> <p>Practical Completion</p> <p>In respect of practical completion:</p> <p>1. The following certificates of compliance, as applicable shall be required (excluding others that may be required by the local/national authority, etc.) from the contractor to achieve practical completion</p> <p>1.1 Certificates from the contractor that all aspects of the Construction Regulations of 2014 have been complied with</p> <p>1.2 Certificates from the contractor that the National Building Regulations have been complied with</p> <p>1.3 Certificates of compliance with respect to plumbing and drainage installations</p> <p>1.4 Certificates of compliance with respect</p>		
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<p align="center"><b>Brought Forward</b></p> <p>to electrical and electronic installations</p> <p>1.5 Certificates of compliance with respect to all glazing</p> <p>1.6 Certificates of compliance with respect to structural and civil engineering</p> <p>1.7 Certificates of compliance with respect to roof installation</p> <p>1.8 Any other compliance documentation deemed necessary as instructed by the Principal Agent</p> <p>1.9 Three complete sets of approved maintenance and operating manuals together with all workmanship and material warranties and guarantees (to be compiled and issued to the Principal Agent prior to achievement of practical completion for approval) and three complete copies of documents in electronic format</p> <p>2. In order to achieve practical completion of the works and without deviating from the generality of the term practical completion, the contractor shall, as a minimum comply with the following basic criteria, as applicable. These criteria should not be regarded as comprehensive but as an expansion of the term practical completion</p> <p>2.1 Electrical installation is to be completed and fully commissioned permanent power and lighting inclusive of all telephone and data installations</p> <p>2.2 Plumbing installation it to be complete, commissioned permanent water supply and drainage tested. Pipe work to be pressured tested</p> <p>3. Health and Safety file</p>		<p align="center">R</p>	
<p align="center"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries</p>		<p align="center">R</p>	

<b>Brought Forward</b>		R
<p>Clause 19.0 has been amended to include the following new sub-clauses:</p> <p>Sub-clause 19.2.3</p> <p>The contractor shall within five (5) calender days of receipt of the list for practical completion issue a program indicating dates for completion for all listed items</p> <p>Sub-clause 19.2.4</p> <p>In the event that such inspection does not result in the work being accepted as Practically complete then the costs of such inspection and subsequent inspections shall be for the account of the contractor, at a rate of Ten Thousand Rand (R10 000.00) per man hour or part thereof, calculated by multiplying the total of the number of Employer's agents and Employer's staff present at each abortive practical completion inspection meeting, i.e. Where practical completion is not achieved, by the time taken for such an inspection until practical completion is achieved. In this regard, the Employer reserves the right to recover such costs in addition to any other remedies it may have in accordance with Clause 27</p> <p>F:..... V:.....T:.....</p>		
23	Clause 20.0 - Completion in sections	Item
24	F:..... V:.....T:.....	N/A
25	Clause 21.0 - Defects liability period and final completion	
<b>Carried Forward</b>		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<b>Brought Forward</b>		R
26	<p>Clause 21.0 has been amended to include the following new sub-clauses:</p> <p>Sub-clause 21.13</p> <p>In the event that the certificate of Final Completion is not issued due to the contractor's work not being sufficiently complete then the costs of such inspection and subsequent inspections shall be for the account of the contractor, at a rate of Ten Thousand Rand (R10 000.00) per man hour or part thereof, calculated by multiplying the total of the number of Employer's agents and Employer's staff present at each abortive final completion inspection meeting, i.e. Where final completion is not achieved in terms of 21.6, by the time taken for such an inspection until final completion is achieved. In this regard, the Employer reserves the right to recover such costs in accordance with Clause 27</p>	
27	<p>Sub-clause 21.14</p> <p>Notwithstanding [21.2], where the contractor fails to rectify/attend to outstanding works or defects on the list for completion, list for final completion or latent defects that appear before the issue of certificate of final completion and where the contractor remains in default, the Employer may engage others to carry out said outstanding works or defects and recover expense and/or loss incurred [27]</p> <p>F:..... V:..... T:.....</p>	Item
28	<p>Clause 22.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>	Item
29	<p>Clause 23.0 - Revision of the date for practical completion</p> <p>Sub-clause 23.1 has been amended to include the following new sub-clause:</p> <p>Sub-clause 23.1.7</p> <p>Delayed possession of site [12.1.5]</p>	
<b>Carried Forward</b>		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

	<b>Brought Forward</b>		R
	<p>Sub-clause 23.2 has been amended to omit the following sub-clause:</p> <p>Sub-clause 23.2.1 Delayed possession of the site [12.1.5]</p> <p>Clause 23.0 has been amended to include the following new sub-clauses:</p> <p>Sub-clause 23.9</p> <p>Notwithstanding, sub-clause(s) 23.1 to 23.8 a revision to the practical completion date will only be considered for work on the critical path of the contractual programme or the revised contractual programme, as applicable</p> <p>Any revised programme, in order to be considered as a contractual programme, must be approved by the Principal Agent in writing, prior to it becoming effective</p> <p>F:..... V:..... T:.....</p>		
30	<p>Clause 24.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p>	Item	
		Item	
	<b><u>Payment (A25 - A27)</u></b>		
31	Clause 25.0 - Payment		
32	<p>Sub-clause 25.1 has been amended to include the following:</p> <p>The contractor shall submit the following information on a monthly basis to the Principal Agent and Quantity Surveyor in order to assist with the processing of the payment certificate and the preparation of the empowerment report:</p> <ul style="list-style-type: none"> <li>· A detailed breakdown of the work done. (The work breakdown must be referenced strictly in accordance with the Tender Document or the detailed Priced Bills of Quantities, as applicable.)</li> <li>· A detailed breakdown of all variation order costs claimed (With specific reference to work done by the Principal Building Contractor) in the certificate concerned, together with copies of the relevant contract instructions</li> </ul>		
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<p align="center"><b>Brought Forward</b></p> <ul style="list-style-type: none"> <li>· A detailed breakdown of the work done by each sub-contractor. (The work breakdown must be referenced strictly in accordance with the Tender Document or the detailed Priced Bills of Quantities, as applicable.)</li> <li>· A detailed breakdown of all variation order costs claimed in the certificate concerned for sub-contract work, together with copies of the relevant contract instructions</li> <li>· A written declaration authenticated by the contracts manager confirming, that the payment claims for work done by sub-contractors has been audited and amended by the contractor's quantity surveyor, prior to it being forwarded to the Principal Agent and Quantity Surveyor for evaluation</li> <li>· If applicable, a combined empowerment report which shall include reports on contractor and sub-contractor compliance, in accordance with the format required by the empowerment manager. In this regard, the combined, contractor and sub-contractor empowerment report must contain an affidavit certifying that all information contained the report as being true and correct and must be authenticated by the contractor and a commissioner of oaths. The combined reports must also state that the contractor has checked and verified that all information submitted by sub-contractors is true and correct</li> <li>· Tax invoice: the contractor shall attach a tax invoice as prescribed in the Value Added Tax Legislation to each payment certificate when presenting the certificate to the employer for payment. Such tax invoices shall correctly reflect the prescribed information and the amounts shall match precisely the amounts included in the payment certificate. Should the contractor fail to comply with these requirements, the date of presentation of the certificate shall be deemed to be delayed at the contractor's default until such time as the requirements are met</li> </ul> <p>Should anyone or any combination of the above requirements not be complied with, the Principal Agent reserves the right to exclude any amounts that may have been due for certification from the payment certificate concerned and/ or delay the issue of payment certificates and/ or, revise the contractual payment date, as applicable, until such time compliance is achieved</p>		R	
<p align="center"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries</p>		R	

<b>Brought Forward</b>		R
33	<p>Sub-clause 25.4 has been amended to include the following:</p> <p>Where the Employer agrees to pay for materials on/off site, the contractor shall be required to provide the Principal Agent with the necessary forms for cession of ownership for such materials, with the necessary delivery notes and invoices (where applicable)</p> <p>Sub-clause 25.10 has been amended as follows:</p> <p>Replace the words “fourteen (14) calendar days” with “forty (40) calendar days”</p> <p>F:..... V:..... T:.....</p>	Item
34	<p>Clause 26.0 - Adjustment of the contract value and final account</p>	
35	<p>Sub-clause 26.1 has been amended to include the following:</p> <p>Contract Instructions</p> <p>Instructions given by the Employer's agents in relation to the contract works, shall, irrespective of the format or wording of such instructions, not indicate that the work involved represents an extra or variation and shall not be deemed to be acceptance of any prices or quotations contained in any correspondence</p> <p>It is recorded that only the quantity surveyor where appointed by the employer for quantity surveying services is empowered, to rule whether any instructions issued constitutes an extra or not and, to resolve cost aspects of any matter pertaining to this contract</p> <p>F:..... V:..... T:.....</p>	Item
36	<p>Clause 27.0 - Recovery of expense and/or loss</p> <p>F:..... V:..... T:.....</p> <p><b><u>Suspension and termination (A28 - A29)</u></b></p>	Item
37	<p>Clause 28.0 - Suspension by the contractor</p> <p>F:..... V:..... T:.....</p>	Item
<b>Carried Forward</b>		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<b>Brought Forward</b>			R
38	<p>Clause 29.0 - Termination</p> <p>F:..... V:..... T:.....</p> <p><b><u>Dispute resolution (A30)</u></b></p>	Item	
39	<p>Clause 30.0 - Dispute resolution</p> <p>F:..... V:..... T:.....</p>	Item	
40	<p><b><u>Agreement</u></b></p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	
41	<p><b><u>Contract data</u></b></p> <p>Tenderer's selections</p> <p>Before submission of his Tender the contractor is to complete the Tenderer's selections in the contract data</p> <p>F:..... V:..... T:.....</p>	Item	
<b>Carried Forward</b>			R
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

<b>Brought Forward</b>		R
<b><u>SECTION B: GENERAL PRELIMINARIES</u></b>		
<b><u>Definitions and interpretation (B1)</u></b>		
42	Clause 1.1 - Definitions  F:..... V:..... T:.....	Item
43	Clause 1.2 - Interpretation  F:..... V:..... T:.....	Item
<b><u>Documents (B2)</u></b>		
44	Clause 2.1 - Checking of documents  Sub-clause 2.1 refers – the following is to be added after the words “written directive”:  The items in these Bills of Quantities are to be read and priced in conjunction with, and the descriptions regarded as amplified by the General Preambles for Trades 2017 as recommended and published by the Association of South African Quantity Surveyors, 2017 edition, and no claim arising from brevity of description of items fully described in the said General Preambles for Trades 2017 and Supplementary documentation will be entertained. Notwithstanding the issue of the tender drawings, it will remain the responsibility of the Tenderer to study all available drawings at the offices of the Principal Agent during normal working hours in order to acquaint himself with all the cost implications of the design, programming, phasing, etc  F:..... V:..... T:.....	Item
45	Clause 2.2 - Provisional bills of quantities  F:..... V:..... T:.....	Item
46	Clause 2.3 - Availability of construction information  F:..... V:..... T:.....	Item
47	Clause 2.4 - Ordering of materials and goods  F:..... V:..... T:.....	Item
<b>Carried Forward</b>		R
Section No. 1 Bill No. 1 Preliminaries		

<b>Brought Forward</b>			R
<b><u>Previous work and adjoining properties (B3)</u></b>			
48	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item	
49	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item	
50	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item	
<b><u>The site (B4)</u></b>			
51	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item	
52	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item	
53	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item	
54	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item	
55	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item	
56	Clause 4.6 - Services - known The contractor shall consult the Principal Agent before disconnecting any services. The contractor shall take special care not to damage any existing services that could have been foreseen or what have been shown to him by the Principal Agent. Damage to this services shall be for the contractor's account F:..... V:..... T:.....	Item	
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 Preliminaries			

<b>Brought Forward</b>			R
<b><u>Management of contract (B5)</u></b>			
57	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item	
58	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item	
59	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item	
60	Clause 5 has been amended to include the following new sub-clause:  Sub-clause 5.4 - Daily records  The contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site  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 sub-contractors on the works each day  At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works  F:..... V:..... T:.....	Item	
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 Preliminaries			

<b>Brought Forward</b>			<b>R</b>
	<b><u>Samples, shop drawings and manufacturer's instructions (B6)</u></b>		
61	<p>Clause 6.1 - Samples of materials</p> <p>All material samples and colour samples must be submitted to the Principal Agent for selections and approval of the colour, shape and finish including mechanical, electrical and plumbing equipment that will be visible. The samples shall be provided in A4 size unless otherwise agreed. General samples shall be provided for Principal Agent/Employer to choose from each type of finish</p> <p>The Principal Agent/Employer may reject all or part of the submitted samples and request for additional selections if the first submission are not acceptable</p> <p>All samples must be kept in a sample room to be provided by the contractor for reference</p> <p>Sample Board:</p> <p>The contractor shall provide a board(s) of approved samples and make available one set at the site (sample room) and one for the Employer</p> <p>F:..... V:..... T:.....</p>	Item	
62	<p>Clause 6.2 - Workmanship samples</p> <p>Sub-clause 6.2 has been amended to include the following:</p> <p>The contractor shall provide a mock-up of all finished surfaces prior to commencement of the relevant work. The contractor shall only be permitted to commence with the relevant scope of work, on approval of the mock-up by the Principal Agent or its designated representative</p> <p>F:..... V:..... T:.....</p>	Item	
63	<p>Clause 6.3 - Shop drawings</p>		
	<b>Carried Forward</b>		<b>R</b>
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<b>Brought Forward</b>		R
64	<p>Sub-clause 6.3 refers – the following is to be added after the words 'and/or approval'</p> <p>Shop drawings shall be submitted to the principal agents for approval at least ten (10) working days weeks prior to the date on which such approval is required in order to comply with the programme</p> <p>All submissions shall be prepared in accordance with the contract drawings and specifications and/or any Principal Agents instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implications. Delays in approval of shop drawings due to non compliance with drawings, specifications and/or Principal Agent’s instruction shall not constitute grounds for any claims for delay, extension of time and the like</p> <p>The contractor shall be responsible for ensuring that all dimensions affecting shop drawings conform to the dimensions of built work</p> <p>Should the contractor, sub-contractor, supplier or manufacturer be of the opinion that corrections to shop drawings made by the Principal Agent, constitute a change to the scope of work, then he shall immediately advise the Principal Agent in writing of this, together with the cost and/or programme implications thereof, in order to obtain the Principal Agent’s directive</p>	
65	<p>Sub-clause 6.3.1 has been amended as follows:</p> <p>Replace the words “two (2) copies” with “four (4) copies” under bullet point number 6</p> <p>F:..... V:..... T:.....</p>	Item
66	<p>Clause 6.4 - Compliance with manufacturer's instructions</p> <p>F:..... V:..... T:.....</p> <p><b><u>Deposits and fees (B7)</u></b></p>	Item
67	<p>Clause 7.1 - Deposits and fees</p> <p>F:..... V:..... T:.....</p>	Item
<b>Carried Forward</b>		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<b>Brought Forward</b>			<b>R</b>
	<b><u>Temporary services (B8)</u></b>		
68	Clause 8.1 - Water F:..... V:..... T:.....	Item	
69	Clause 8.2 - Electricity F:..... V:..... T:.....	Item	
70	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item	
71	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item	
	<b><u>Prime cost amounts (B9)</u></b>		
72	Clause 9.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
	<b><u>Attendance on subcontractors (B10)</u></b>		
73	Clause 10.1 - General attendance F:..... V:..... T:.....	Item	
74	Clause 10.2 - Special attendance  Sub-clause 10.2 has been amended to include the following:  The Tenderer shall examine all drawings and information pertaining to the works as a whole and shall provide all necessary special attendance resources required for the due and proper execution and completion of all sub-contract works  F:..... V:..... T:.....	Item	
	<b><u>General (B11)</u></b>		
75	Clause 11.1 - Protection of the works		
	<b>Carried Forward</b>		<b>R</b>
	Section No. 1 Bill No. 1 Preliminaries		





**Brought Forward**

R

**SECTION C: SPECIFIC PRELIMINARIES**

**86 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 (annexed to these bills of quantities) and that the Employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]

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

**87 As Built Drawings**

The contractor shall accurately record the details of the electrical, mechanical, security, fire installation, water reticulation details, construction breaks, etc., on drawings and issue same to the Principal Agent and the relevant agent for record purposes

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

Item

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries

	<b>Brought Forward</b>		R
88	<p><b>Personal Protective Equipment</b></p> <p>The contractor shall provide and keep on site an adequate supply of clean safety helmets and reflective vests for the use of all professional personnel and all authorised visitors</p> <p>F:..... V:.....T:.....</p>	Item	
89	<p><b>Site Access for and Management of Direct Contracts</b></p> <p>The contractor shall allow direct contractors appointed by the Employer to access the site to execute work which does not form part of the Principal Building Agreement, concurrently with that of its (the principal building contractor), work. In this regard, the contractor shall provide any necessary assistance (e.g. ensuring placement of material orders, monitoring the manufacturing process, monitoring of raw materials availability, programming of works, etc.), to the principal agent in respect of management of any direct contracts.</p> <p>In this regard, is shall be deemed that all allowances have been made in the contract amount to ensure compliance with this clause</p> <p>F:..... V:.....T:.....</p>	Item	
90	<p><b>Precontract Engagement</b></p> <p>Contractors shall be engaged prior to issuance of site possession to facilitate all necessary precontract work which shall include the construction work permit application, procurement of specialist sub-contractors, finalisation of contract and any design coordination between the contractor and the professional team. Contractors will be required to make the necessary allowances for such work during this period as no claims for additional preliminaries will be entertained</p> <p>Contractor to allow for a period of 30 (thirty) working days for the above</p> <p>F:..... V:.....T:.....</p> <p><b><u>Contract Provisions</u></b></p>	Item	
91	<p>Tender Data Schedule</p> <p>F:..... V:.....T:.....</p>	Item	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

		<b>Brought Forward</b>		R
92	General Conditions of Contract F:..... V:..... T:.....		Item	
93	Special Conditions of Contract F:..... V:..... T:.....		Item	
94	Contract Data F:..... V:..... T:.....		Item	
		<b>Carried Forward</b>		R
Section No. 1 Bill No. 1 Preliminaries				

Brought Forward

R

**SUMMARY OF CATEGORIES**

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Final Summary

R

Section No. 1  
Bill No. 1  
Preliminaries

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p>			
<p><b><u>BILL NO. 1</u></b></p>			
<p><b><u>ALTERATIONS (PROVISIONAL)</u></b></p>			
<p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>View site</u></b></p>			
<p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p>			
<p><b><u>Explosives</u></b></p>			
<p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p>			
<p><b><u>General</u></b></p>			
<p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent.</p>			
<p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent.</p>			
<p align="right"><b>Carried Forward</b></p>			
<p>Section No. 2 Bill No. 1 Alterations (Provisional)</p>			
		R	

<p align="center"><b>Brought Forward</b></p> <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately.</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc.</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing.</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork.</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary.</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc.).</p> <p>Items described as to be re-used or to be handed over to the Client are to be carefully dismantled where necessary and stacked on site where directed, and the Contractor will be responsible for their removal and storage until required, and shall make good all items missing, damaged or broken at his own expense.</p> <p>Unless otherwise described, no materials from the alterations shall be re-used in any new work without the written approval of the client.</p>		<p align="center">R</p>	
<p align="center"><b>Carried Forward</b></p> <p>Section No. 2 Bill No. 1 Alterations (Provisional)</p>		<p align="center">R</p>	

<b>Brought Forward</b>			R
<p>Prices are to include for carting away from site all materials not specifically mentioned as being stored on site for re-use or handed over to the client and all rubbish, debris, etc., arising from the alterations, etc., and for making good all work damaged or disturbed to the approval of the client.</p>			
<b><u>TEMPORARY WORKS</u></b>			
<b><u>Temporary protection, dust control, etc.</u></b>			
1	<p>Allow for protecting all existing work liable to suffer damage (i.e. walls, finishes, floors, windows, furniture, equipment, etc.) from damage during and building operations, alterations, etc., and make good all work damaged with new material to match existing to the approval of the Principal Agent</p>	Item	10,000.00
<b><u>REMOVAL OF EXISTING WORK</u></b>			
<b><u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings</u></b>			
2	Vinyl tile floor covering	m2	43
<b><u>BUDGETARY ALLOWANCES</u></b>			
<p><b><u>The following budgetary allowances are for work to be executed either by the contractor or any nominated / selected sub-contractor as instructed by the principal agent and priced at bill rates to be agreed in terms of the contract. Tenderers are to allow in their overall preliminaries costs for this scope of work as no additional Preliminaries will be entertained should this work proceed.</u></b></p>			
<p><b><u>The Employer reserves the right to execute this work in part or in whole or omit the entire scope.</u></b></p>			
3	Provide the amount of R R20 000.00 (Twenty Thousand Rand) for Sundry Building Works	Item	
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO 2</u></b></p> <p><b><u>CARPENTRY AND JOINERY (PROVISIONAL)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Fixing</u></b></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete.</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere.</p> <p><b><u>FLOORS AND SKIRTINGS</u></b></p> <p><b><u>Custom Timber Skirting formed using 144 x 22mm klin-dried hardwood to Architects profile, including cupping on rear and shadow lines on front and top faces</u></b></p>			
1	94 x 20mm High timber skirting	m	34	
	<b>Carried Forward to Summary of Section No. 2</b>			
	Section No. 2			
	Bill No. 2			
	Carpentry and Joinery (Provisional)			
				R

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p>			
<p><b><u>BILL NO 3</u></b></p>			
<p><b><u>FLOOR COVERINGS, WALL LININGS, ETC (PROVISIONAL)</u></b></p>			
<p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Method</u></b></p>			
<p>The method to be used shall be either the monolithic method or the bonded method.</p>			
<p><b><u>Preparation</u></b></p>			
<p>For granolithic applied monolithically, the concrete floor shall be swept clean. For granolithic to be bonded to the floor slab, the slab surface shall be hacked until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. The slab shall then be wetted and kept damp for at least six hours before applying the granolithic.</p>			
<p><b><u>Laying</u></b></p>			
<p>Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated or epoxy rake to the required levels.</p>			
<p>Bonded granolithic shall be applied to the slab after applying a 1:1 sand-and-cement slurry brushed over the surface and allowed to partially set before applying the granolithic. The granolithic shall be throughly compacted and lightly wood floated or epoxy rake to the required levels.</p>			
<p>After wood floating or epoxy raking, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated.</p>			
<p align="right"><b>Carried Forward</b></p>			
<p>Section No. 2 Bill No. 3 Floor Coverings, Wall Lining, Etc (Provisional)</p>			
			R

		<b>Brought Forward</b>		<b>R</b>
	<b><u>Fixing</u></b>			
	Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc.			
	<b><u>FLOOR COVERINGS</u></b>			
	<b><u>4mm Thick "Belogtex" or other equal and approved Nexus Sportec non-slip impact sound absorbing recycled rubber fitted flooring strictly to manufacturers instruction</u></b>			
1	On floors	m2	43	
	<b><u>SKIRTINGS, NOSINGS, ETC</u></b>			
2	45mm Aluminium transition strips to floors	m	5	
	<b>Carried Forward to Summary of Section No. 2</b>			<b>R</b>
	Section No. 2			
	Bill No. 3			
	Floor Coverings, Wall Lining, Etc (Provisional)			

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 4</u></b></p> <p><b><u>METALWORK (PROVISIONAL)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Descriptions of bolts, anchors, etc.</u></b></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p> <p><b><u>Aluminium doors, windows, etc</u></b></p> <p>Glazing shall comply with SAGGA regulations. Glass shall be 6mm thick toughened safety glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules /drawings.</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed.</p> <p>For purpose made windows and doors, refer to drawings annexed to these bills of quantities.</p> <p>The following certificates shall be provided prior to commencement of site work:</p>			
<p><b>Carried Forward</b></p> <p>Section No. 2 Bill No. 4 Metalwork (Provisional)</p>		R	

<p align="center"><b>Brought Forward</b></p> <p>1. A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product.</p> <p>2. A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively.</p> <p>3. A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process.</p> <p>4. A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked.</p> <p>5. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years.</p> <p>Rates shall include for the following:</p> <p>1. All opening and fixed lights, coupling mullions and transoms, support steelwork, fittings, ironmongery, etc., as required and specified.</p> <p>2. Complete glazing as described, with and including matching aluminium glazing beads and gaskets and glazed in accordance with the manufacturer's written instructions.</p> <p>3. Building in and fixing into preformed openings. Window opening sizes to be verified on site before windows can be manufactured. Shop drawings to be submitted for approval.</p> <p>4. Silicone pointing with a silicone sealant recommended by AAAMSA on all door / window and structure junctions.</p> <p><b><u>ALUMINIUM SHOPFRONTS</u></b></p>		R	
<p align="center"><b>Carried Forward</b></p> <p>Section No. 2 Bill No. 4 Metalwork (Provisional)</p>		R	

**Brought Forward**

R

**Note: Refer to Architects Drawing No. SK-GYM-101**

**Powder coated aluminium shop front units complete with subframes, ironmongery, 6.38mm laminated safety glass, sealing, vinyl signage, etc. and fixing to brickwork or concrete**

1	Purpose made glazed shopfront size 4274 x 3100mm High (GSF-2)	No	1
2	Purpose made glazed shopfront size 8152 x 3100mm High with double door overall size 1730 x 2400mm high (GSF-1)	No	1

**Carried Forward to Summary of Section No. 2**

Section No. 2  
Bill No. 4  
Metalwork (Provisional)

R

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 2</u></b>			
	<b><u>BILL NO. 5</u></b>			
	<b><u>GLAZING (PROVISIONAL)</u></b>			
	The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Float glass</u></b>			
	The term "float glass" is used for monolithic annealed glass			
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>			
	<b><u>6mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork</u></b>			
1	Mirror size 4275 x 3100mm high	No	1	
2	Mirror size 6870 x 3100mm high	No	1	
3	Mirror size 7002 x 3100mm high	No	1	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 5			
	Glazing (Provisional)			

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 6</u></b></p> <p><b><u>PAINTWORK (PROVISIONAL)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><b><u>PAINTWORK ETC TO NEW WORK</u></b></p> <p><b><u>ON WOOD SURFACES</u></b></p> <p><b><u>Three coats superior quality clear gloss varnish</u></b></p>			
1	Skirtings, rails, etc not exceeding 300mm girth	m	34	
	<b>Carried Forward to Summary of Section No. 2</b>			
	Section No. 2 Bill No. 6 Paintwork (Provisional)			R

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO. 2</u></b></p>			
<p><b><u>BILL NO. 7</u></b></p>			
<p><b><u>ELECTRICAL INSTALLATION (PROVISIONAL)</u></b></p>			
<p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p>			
<p><b><u>ELECTRICAL INSTALLATION</u></b></p>			
<p><b><u>Electrical installation as detailed on attached Bills of Quantities</u></b></p>			
<p>Tenderers are to note that the sum included the amount column for this section of the Bill of Quantities, should be the total of all priced items in the Electrical Installation, Bill of Quantities as attached hereafter.</p>			
<p>1 Electrical Installation (transferred from page 2 of the attached Electrical BOQ)</p>	Item		
<p align="right"><b>Carried Forward to Summary of Section No. 2</b></p>			
<p>Section No. 2 Bill No. 7 Electrical Installation (Provisional)</p>			
			R

<b>ELECTRICAL INSTALLATION</b>					
Internal & External Installation			<b>GYM</b>		
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
<b>ELECTRICAL INSTALLATION</b>					
1	<b><u>Draw Wires</u></b>				
1.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation				
1.1.1	Supply	m	30		
1.1.2	Install	m	30		
2	<b><u>Conduit Work and Cable Trays</u></b>				
	Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories.				
	<u>Built or Chase into brick or concrete work, In Ceiling space and Timber work:</u>				
2.1	20mm PVC Conduit				
2.1.1	Supply	m	6		
2.1.2	Install	m	6		
2.2	25mm galvanised Conduit				
2.2.2	Supply	m	20		
2.2.3	Install	m	20		
3	<b><u>Conduit Boxes</u></b>				
3.1	20mm diameter round boxes for wiring				
3.1.1	Supply	No	2		
3.1.2	Install	No	2		
4	<b><u>Wall Boxes</u></b>				
	Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work.				
	<u>Flush mounted type:</u>				
4.2	100 x 100 x 50mm				
4.2.1	Supply	No	2		
4.2.2	Install	No	2		
5	<b><u>PVC Wiring</u></b>				
	<u>PVC Wiring in conduits:</u>				
5.1	4mm <sup>2</sup> for plug sockets circuits and mechanical units.housewire (Red, Black, Green)				
5.1.1	Supply	m	80		
5.1.2	Install	m	80		
5.2	4-core 4mm <sup>2</sup> three phase cable to supply turnstile				
5.2.1	Supply	m	20		
5.2.2	Install	m	20		
<b>Sub Total Carried Forward</b>					

Item	Description	Unit	Quantity			Amount
	<b>Sub Total Brought Forward</b>					
6	<b>Socket Outlets</b>					
	Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface.					
	<u>Switched sockets type:</u>					
6.1	TV Socket @1800mm AFF through trunking					
6.1.1	Supply	No	2			
6.1.2	Install	No	2			
7	<b>ISOLATOR</b>					
7.1	30 A three phase Isolator for turnstile mounted 2000mm height					
7.1.1	supply	No	2			
7.1.2	install	No	2			
7.2	20 A Isolator for hand Dryers - Additional for Hand dryer rates include wiring					
7.2.1	supply	No	6			
7.2.2	install	No	6			
12	<b>Power Skirting</b>					
12.1	Steel 2 Compartment Power Skirting, Easter Oak, with End Caps, Slices and Accessories					
12.1.1	Supply	m	21			
12.1.2	Install	m	21			
12.3	Data outlet point on power skirting					
12.2.1	Supply	No	1			
12.2.2	Install	No	1			
12.4	16A Normal power socket outlet on power skirting					
12.4.1	Supply	No	10			
12.4.2	Install	No	10			
12.5	16A Euro socket outlet on power skirting					
12.5.1	Supply	No	10			
12.5.2	Install	No	10			
	<b>Floor Trinking - (wiring for turnstil)</b>					
8	Floor trunking Drop Over Cable Cover 1 channel Yellow – 1m x 13,3cm x 2cm complete with installation accessories					
8.1.1	Supply	m	3			
8.1.2	install	m	3			
9	<b>Circuit Protective Devices at DB</b>					
9.1	Provide for the supply and installation for 20A to 30A single phase circuit breakers and 2 x 30A three phase breakers for additional circuits, consistent fault level rating with existing, including all fixing accessories	item	1			
	<b>Turnstile and Access Control system</b>					
9	Provide the sum of R19,000-00 for full Installation tripod turnstile gate and Access Control accessories	sum	2	R	19 000.00	R 38 000.00
9.1.1	Contrator markup	%				
9.1.2	Contrator Attendance	%				
	<b>Sub Total Carried Forward</b>					



**GYM STUDIO AND RECEPTION FIT OUT  
MANGOSUTHU UNIVERSITY OF TECHNOLOGY**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 3</u></b>			
	<b><u>BILL NO. 1</u></b>			
	<b><u>BUDGETARY ALLOWANCES</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>General</u></b>			
	Work for which budgetary allowances are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances			
	Prime cost amounts and provisional sums are NET. Prime cost amounts include for delivery to site of all articles concerned			
	Provisional sums are for material and equipment supplied and installed complete by firms of specialists			
	<b><u>BUDGETARY ALLOWANCES</u></b>			
	<b><u>The following budgetary allowances are for work to be executed either by the contractor or any nominated / selected sub-contractor as instructed by the principal agent and priced at bill rates to be agreed in terms of the contract. Tenderers are to allow in their overall preliminaries costs for this scope of work as no additional Preliminaries will be entertained should this work proceed.</u></b>			
	<b><u>The Employer reserves the right to execute this work in part or in whole or omit the entire scope.</u></b>			
1	Provide the amount of R 20 000.00 (Twenty Thousand Rand) for Joinery and Reception Furniture	Item		20,000.00
2	Provide the amount of R 25 000.00 (Twenty Five Rand) for Gym Sound System and Audio Visual Equipment (Television Set)	Item		25,000.00
	<b>Carried to Final Summary</b>		R	
	Section No. 3 Bill No. 1 Budgetary Allowance			

**GYM STUDIO AND RECEPTION FIT OUT  
MANGOSUTHU UNIVERSITY OF TECHNOLOGY**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES	27	
2	BUILDERS WORK	40	
3	BUDGETARY ALLOWANCES	41	
	SUB-TOTAL		R
	ADD: CONTINGENCY ALLOWANCE	Item	20,000.00
	SUB-TOTAL		R
	ADD: VAT @ 15% OF THE SUB-TOTAL ABOVE		R
	TOTAL		R
	<b>Carried to Form of Tender</b>		R