

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Item No	Quantity	Rate	Amount
<u>BILL NO. 1</u>			
<u>PRELIMINARIES</u>			
<u>PRELIMINARIES AND GENERAL</u>			
<u>BILL NO 1</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described The JBCC Principal Building Agreement contract data form an integral part of this agreement The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only Where any item is not relevant to this agreement such item is marked N/A signifying			
Carried Forward		R	
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward	R
"not applicable" Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the above mentioned documents The JBCC Principal Building Agreement contract data form an integral part of this agreement The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable" Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the above mentioned documents	
Carried Forward	R
Bill No. 1 Preliminaries and General	

Brought Forward

R

PREAMBLES FOR TRADES

The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated descriptions utilised in these bills of quantities by inter alia referring to SANS construction standards. Where such preambles are not applicable (eg where BS or Euro construction standards are applicable or the design consultants provide other preambles/specifications for insertion), users are to ensure that the abbreviated descriptions when read in conjunction with the Standard System of Measuring Building Work (seventh edition) for works within South Africa or the Standard Method of Measuring Building Work for Africa 2015 (first edition) for works elsewhere in Africa, represent the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications

Note that the text of the Standard System of Measuring Building Work (seventh edition) and that of the Standard Method of Measuring Building Work for Africa 2015 (first edition) is the same

The latest version of the General Preambles for Trades should be referred to should the General Preambles for Trades 2017 be revised in future

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

Carried Forward

R

Bill No. 1
Preliminaries and General

Brought Forward

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

The contractor is referred to Tender Data Section in BOOK 1 on the Tender Document for Contract Data Information.

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

- 1 Interpretation (A1-A7)
- 2 Clause 1.0 - Definitions and interpretation

Carried Forward

Bill No. 1
Preliminaries and General

R

R

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward	R	
3	<u>Pricing of bills of quantities</u>		
4	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		
5	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		
6	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		
7	<u>Abbreviated descriptions</u>		
8	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		
9	<u>Legal status of contractor</u>		
	Carried Forward	R	
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
10	If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:		
11	1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement		
12	2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons		
13	3. The contractor shall not alter its composition or legal status without the prior written consent of the employer		
14	F:..... V:..... T:.....	Item	
15	<u>Clause 2.0 - Law, regulations and notices</u>		
16	F:..... V:..... T:.....	Item	
17	<u>Clause 3.0 - Offer and acceptance</u>		
18	F:..... V:..... T:.....	Item	
19	<u>Clause 4.0 - Cession and assignment</u>		
20	F:..... V:..... T:.....	Item	
21	Clause 5.0 - Documents		
22	Value Added Tax		
23	Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)		
24	Electronic issue of drawings		
25	All drawings for this project will be issued electronically and the contractor shall be deemed to have received such drawings on the date that such drawings have been dispatched electronically [5.6]		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
26	F:..... V:..... T:.....	Item	
27	Clause 6.0 - Employer's agents		
28	Delegated authority		
29	The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions:		
30	1. Architect		
31	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
32	1.1 Duties [6.2] :		
33	The architect is responsible for the architectural design, functional design and quality inspection of the works		
34	1.2 Contract instructions [6.2; 17.1]		
35	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		
36	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		
37	1.2.3 The site [13.0]		
38	1.2.4 Compliance with the law, regulations and bylaws [2.1]		
39	1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
40	1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
41	1.2.7 Removal or re-execution of work		
42	1.2.8 Removal or substitution of any materials and goods		
43	1.2.9 Protection of the works		
44	1.2.10 Making good physical loss and repairing damage to the works [23.2.2]		
45	1.2.11 Rectification of defects [21.2]		
46	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		
47	1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
48	1.2.14 Appointment of a subcontractor [14.0; 15.0]		
49	1.2.15 Work by direct contractors [16.0]		
50	1.2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]		
51	2. Quantity surveyor		
52	2.1 Duties [6.2]		
53	The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works		
54	2.2 Contract instructions [6.2; 17.1]		
	Carried Forward		R
	Bill No. 1		
	Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
55	2.2.1 No contract instructions delegated to the quantity surveyor		
56	3. Civil and structural engineer		
57	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
58	3.1 Duties [6.2]		
59	The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works		
60	3.2 Contract instructions [6.2; 17.1]		
61	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		
62	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		
63	3.2.3 The site [13.0]		
64	3.2.4 Compliance with the law, regulations and bylaws [2.1]		
65	3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
66	3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
67	3.2.7 Removal or re-execution of work		
68	3.2.8 Removal or substitution of any materials and goods		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
69	3.2.9 Protection of the works		
70	3.2.10 Making good physical loss and repairing damage to the works [23.2.2]		
71	3.2.11 Rectification of defects [21.2]		
72	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		
73	3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
74	4. Mechanical engineer		
75	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
76	4.1 Duties [6.2]		
77	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		
78	4.2 Contract instructions [6.2; 17.1]		
79	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		
80	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		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

-11-

-12-

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
106	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		
107	5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
108	6. Wet services engineer		
109	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
110	6.1 Duties [6.2]		
111	The wet services engineer is responsible for all aspects of wet services engineering design and quality inspection of the works		
112	6.2 Contract instructions [6.2; 17.1]		
113	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		
114	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		
115	6.2.3 Compliance with the law, regulations and bylaws [2.1]		
116	6.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
117	6.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
118	6.2.6 Removal or re-execution of work		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
119	6.2.7 Removal or substitution of any materials and goods		
120	6.2.8 Protection of the works		
121	6.2.9 Making good physical loss and repairing damage to the works [23.2.2]		
122	6.2.10 Rectification of defects [21.2]		
123	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		
124	6.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
125	7. Fire consultant		
126	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
127	7.1 Duties [6.2]		
128	The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works		
129	7.2 Contract instructions [6.2; 17.1]		
130	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		
131	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		
132	7.2.3 Compliance with the law, regulations and bylaws [2.1]		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
133	7.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
134	7.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
135	7.2.6 Removal or re-execution of work		
136	7.2.7 Removal or substitution of any materials and goods		
137	7.2.8 Protection of the works		
138	7.2.9 Making good physical loss and repairing damage to the works [23.2.2]		
139	7.2.10 Rectification of defects [21.2]		
140	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		
141	7.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums ?		
142	8. Health and safety consultant		
143	8.1 Duties [6.2]		
144	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:		
145	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		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
146	8.1.2 Prepare and update the health and safety specification for the works		
147	8.1.3 Agree with the contractor the health and safety plan for the works		
148	8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations		
149	8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to		
150	F:..... V:..... T:.....	Item	
151	Clause 7.0 - Design responsibility		
152	F:..... V:..... T:.....	Item	
153	Insurances and securities (A8-A11)		
154	Clause 8.0 - Works risk		
155	F:..... V:..... T:.....	Item	
156	Clause 9.0 - Indemnities		
157	F:..... V:..... T:.....	Item	
158	Clause 10.0 - Insurances		
159	F:..... V:..... T:.....	Item	
160	Clause 11.0 - Securities		
161	Guarantee for payment		
162	The employer shall not provide to the contractor a guarantee for payment		
	[11.5.1]. The contractor shall waive his lien or right of continuing possession of the works [11.10]		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
163	Extension of waiver of lien		
164	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]		
165	F:..... V:..... T:.....	Item	
166	Execution (A12 - A17)		
167	Clause 12.0 - Obligations of the parties		
168	Office accommodation		
169	The contractor shall provide, maintain and remove on practical completion air ventilated 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]		
170	Notice board		
171	The contractor shall erect a notice board. 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]		
172	Statutory and other notices		
173	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		
174	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		
175	F:..... V:..... T:.....	Item	
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
176	Clause 13.0 - Setting out		
177	F:..... V:..... T:.....	Item	
178	Clause 14.0 - Nominated subcontractors		
179	F:..... V:..... T:.....	Item	
180	Clause 15.0 - Selected subcontractors		
181	F:..... V:..... T:.....	Item	
182	Clause 16.0 - Direct contractors		
183	Attendance on direct contractors		
184	In respect of direct contractors the contractor shall:		
185	1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials		
186	2. Allow the use of personnel welfare facilities, where provided		
187	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		
188	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]		
189	F:..... V:..... T:.....	Item	
190	Clause 17.0 - Contract instructions		
191	Site instructions		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
192	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		
193	F:..... V:..... T:.....	Item	
194	Completion (A18 - A24)		
195	Clause 18.0 - Interim completion		
196	Clause 19.0 - Practical completion		
197	F:..... V:..... T:.....	Item	
198	Clause 20.0 - Completion in sections		
199	F:..... V:..... T:.....	Item	
200	Clause 21.0 - Defects liability period and final completion		
201	F:..... V:..... T:.....	Item	
202	Clause 22.0 - Latent defects liability period		
203	F:..... V:..... T:.....	Item	
204	Clause 23.0 - Revision of the date for practical completion		
205	Substitution of materials and goods		
206	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]		
207	F:..... V:..... T:.....	Item	
208	Clause 24.0 - Penalty for late or non-completion		
209	F:..... V:..... T:.....	Item	
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
210	Payment (A25 - A27)		
211	Clause 25.0 - Payment		
212	Prices submitted		
213	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		
214	F:..... V:..... T:.....	Item	
215	Clause 26.0 - Adjustment of the contract value and final account		
216	Fluctuations in costs		
217	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]		
218	Tenant installation/user requirements delayed		
219	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		
220	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		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
221	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		
222	Cost of claims		
223	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		
224	Claims from subcontractors		
225	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]		
226	F:..... V:..... T:.....	Item	
227	Clause 27.0 - Recovery of expense and/or loss		
228	F:..... V:..... T:.....	Item	
229	Suspension and termination (A28 - A29)		
230	Clause 28.0 - Suspension by the contractor		
231	F:..... V:..... T:.....	Item	
232	Clause 29.0 - Termination		
233	F:..... V:..... T:.....	Item	
234	Dispute resolution (A30)		
235	Clause 30.0 - Dispute resolution		
236	F:..... V:..... T:.....	Item	
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
237	Agreement		
238	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		
239	F:..... V:..... T:.....	Item	
240	Contract data		
241	Amendments, modifications, corrections or supplements to the General Preliminaries in Section B should be recorded in the contract data		
	<u>SECTION B: JBCC PRELIMINARIES</u>		
242	Definitions and interpretation (B1)		
243	Clause 1.1 - Definitions		
244	F:..... V:..... T:.....	Item	
245	Clause 1.2 - Interpretation		
246	F:..... V:..... T:.....	Item	
247	Documents (B2)		
248	Clause 2.1 - Checking of documents		
249	F:..... V:..... T:.....	Item	
250	Clause 2.2 - Provisional bills of quantities		
251	These bills of quantities are provisional		
252	F:..... V:..... T:.....	Item	
253	Clause 2.3 - Availability of construction information		
254	F:..... V:..... T:.....	Item	
	Carried Forward		
	Bill No. 1 Preliminaries and General		R

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
255	Clause 2.4 - Ordering of materials and goods		
256	F:..... V:..... T:.....	Item	
257	Previous work and adjoining properties (B3)		
258	Clause 3.1 - Previous work - dimensional accuracy		
259	F:..... V:..... T:.....	Item	
260	Clause 3.2 - Previous work - defects		
261	F:..... V:..... T:.....	Item	
262	Clause 3.3 - Inspection of adjoining properties		
263	F:..... V:..... T:.....	Item	
264	The site (B4)		
265	Clause 4.1 - Handover of site in stages		
266	F:..... V:..... T:.....	Item	
267	Clause 4.2 - Enclosure of the works		
268	Enclosure of work to be as prescribed by the Architect. in the absence of prescribed specification the contractor to allow as per the regulations		
269	F:..... V:..... T:.....	Item	
270	Clause 4.3 - Geotechnical and other investigations		
271	F:..... V:..... T:.....	Item	
272	Clause 4.4 - Encroachments		
273	F:..... V:..... T:.....	Item	
274	Clause 4.5 - Existing premises occupied		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
275	F:..... V:..... T:.....	Item	
276	Clause 4.6 - Services - known		
277	F:..... V:..... T:.....	Item	
278	Management of contract (B5)		
279	Clause 5.1 - Management of the works		
280	F:..... V:..... T:.....	Item	
281	Clause 5.2 - Progress meetings		
282	F:..... V:..... T:.....	Item	
283	Clause 5.3 - Technical meetings		
284	F:..... V:..... T:.....	Item	
285	Samples, shop drawings and manufacturer's instructions (B6)		
286	Clause 6.1 - Samples of materials		
287	F:..... V:..... T:.....	Item	
288	Clause 6.2 - Workmanship samples		
289	F:..... V:..... T:.....	Item	
290	Clause 6.3 - Shop drawings		
291	F:..... V:..... T:.....	Item	
292	Clause 6.4 - Compliance with manufacturer's instructions		
293	F:..... V:..... T:.....	Item	
294	Deposits and fees (B7)		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
295	Clause 7.1 - Deposits and fees		
296	F:..... V:..... T:.....	Item	
297	Temporary services (B8)		
298	Clause 8.1 - Water		
299	F:..... V:..... T:.....	Item	
300	Clause 8.2 - Electricity		
301	F:..... V:..... T:.....	Item	
302	Clause 8.3 - Ablution and welfare facilities		
303	F:..... V:..... T:.....	Item	
304	Clause 8.4 - Communication facilities		
305	F:..... V:..... T:.....	Item	
306	Prime cost amounts (B9)		
307	Clause 9.1 - Responsibility for prime cost amounts		
308	F:..... V:..... T:.....	Item	
309	Attendance on subcontractors (B10)		
310	Clause 10.1 - General attendance		
311	General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement		
312	F:..... V:..... T:.....	Item	
313	General (B11)		
314	Clause 11.1 - Protection of the works		
	Carried Forward		R
	Bill No. 1		
	Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
315	F:..... V:..... T:.....	Item	
316	Clause 11.2 - Protection/isolation of existing works and works occupied in sections		
317	F:..... V:..... T:.....	Item	
318	Clause 11.3 - Security of the works		
319	F:..... V:..... T:.....	Item	
320	Clause 11.4 - Notice before covering work		
321	F:..... V:..... T:.....	Item	
322	Clause 11.5 - Disturbance		
323	Disturbance		
324	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		
325	F:..... V:..... T:.....	Item	
326	Clause 11.6 - Environmental disturbance		
327	Controlling all forms of pollution		
328	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		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
329	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		
330	F:..... V:..... T:.....	Item	
331	Clause 11.7 - Works cleaning and clearing		
332	F:..... V:..... T:.....	Item	
333	Clause 11.8 - Vermin		
334	F:..... V:..... T:.....	Item	
335	Clause 11.9 - Overhand work		
336	F:..... V:..... T:.....	Item	
337	Clause 11.10 - Tenant installations		
338	F:..... V:..... T:.....	Item	
339	Clause 11.11 - Advertising		
340	F:..... V:..... T:.....	Item	
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>		
341	Warranties for materials and workmanship		
342	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		
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
343	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		
344	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		
345	F:..... V:..... T:.....	Item	
346	Overtime		
347	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		
348	F:..... V:..... T:.....	Item	
349	Cooperation of the contractor for cost management		
350	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		
351	F:..... V:..... T:.....	Item	
352	Overloading		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
353	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		
354	F:..... V:..... T:.....	Item	
355	Propping of floors below		
356	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		
357	F:..... V:..... T:.....	Item	
358	Testing of flat roof waterproofing for watertightness		
359	Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing		
360	F:..... V:..... T:.....	Item	
361	Health and safety		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
362	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]		
363	The contractor shall:		
364	1. Comply with the health and safety specification for the works		
365	2. Prepare and agree with the health and safety consultant the health and safety plan for the works		
366	3. Cooperate with the health and safety consultant in all respects		
367	4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification		
368	5. Conform to the conditions contained in the employer's health and safety specification		
369	F:..... V:..... T:.....	Item	
370	Broad based black economic empowerment (BBBEE)	N/A	
371	Tenders submitted will be evaluated taking into account their empowerment rating		
372	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
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
373	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 BBBEE rating including proof of the said rating		
374	F:..... V:..... T:.....	Item	
375	Advertising rights		
376	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		
377	F:..... V:..... T:.....	Item	
378	Confidentiality		
379	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		
380	No information regarding this project shall be published or disclosed without the prior written consent of the employer		
381	F:..... V:..... T:.....	Item	
382	Media releases		
383	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		
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
384	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		
385	F:..... V:..... T:.....	Item	
386	C1 CONTRACT DRAWINGS The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed. Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent . F:..... V:..... T:.....	Item	
387	C2 GENERAL PREAMBLES The document "Specification of Materials and Methods to be used (PW371)" is obtainable on request from the head office and all regional offices of the Department, and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used. F:..... V:..... T:.....	Item	
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
388	C3 TRADE NAMES Wherever a trade name for any product has been described in the bills of quantities / lump sum documents, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders. If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for. F:..... V:..... T:.....	Item	
389	C4 IMPORTED MATERIALS AND EQUIPMENT Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment to be completed by tenderer). Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable). F:..... V:..... T:.....	Item	
390	C5 VIEWING THE SITE IN SECURITY AREAS The tenderer must arrange with the responsible officer to obtain permission to enter the site for tendering purposes F:..... V:..... T:.....	N/A	
Carried Forward			R
Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

		Brought Forward			R
391	C6 COMMENCEMENT OF WORKS IN SECURITY AREAS	As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account. Fixed: _____ Value related: _____ Time related: _____	N/A		
392	C7 ENTRANCE PERMITS TO SECURITY AREAS	IF the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer. Fixed: _____ Value related: _____ Time related: _____	N/A		
393	C8 SECURITY CHECK OF PERSONNEL	The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified. In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works. F:..... V:..... T:.....	N/A		
		Carried Forward			R
	Bill No. 1 Preliminaries and General				

	Brought Forward			R
394	C9 PROHIBITION ON TAKING OF PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister. The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959. F:..... V:..... T:..... C10 HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained. The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31.0 or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.	N/A		
	Carried Forward			R
	Bill No. 1 Preliminaries and General			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
395	C10.1 AWARENESS CHAMPION Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item	
396	C10.2 AWARENESS WORKSHOPS Selection and appointment of a competent Service Provider approved by the principal agent , provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item	
397	C10.3 POSTERS, BOOKLETS, VIDEOS, ETC. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period , all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item	
398	C10.4 ACCESS TO CONDOMS Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period , all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item	
Carried Forward			R
Bill No. 1 Preliminaries and General			

-37-

Brought Forward		R	
C11 OCCUPATIONAL HEALTH AND SAFETY ACT The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993). It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment. Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained. Prices to Allow for: 1. Principal Contractor 2. All Sub-contractors 3. SMME Sub-contractors The contractor is referred to the specifications annexed to this tender documents for comprehensive pricing F:..... V:..... T:.....	Item		
Carried Forward Bill No. 1 Preliminaries and General		R	

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

	Brought Forward		R
400	C12 REPORTING BY CONTRACTOR The Contractor is required to complete the CONTRACTOR MONTHLY REPORT which is to be submitted together with the Contractor's payment claim. Payment of the Contractor is conditional on this information being accurate and timeously provided. Payment shall be subject to the Employer giving the Contractor a tax invoice for the amount due. The Contractor is to take note of the following requirements -At the bottom of the CONTRACTOR MONTHLY REPORT, the Site Agent, Clerk of Works, CLO or Contractor must sign the document as proof that the people indicated have worked the number of days F:..... V:..... T:.....	Item	
401	C13 LOCAL LABOUR AND LOCAL BUILDING MATERIALS It is a general requirement of this contract that persons normally resident in the locality of the works (local labour) be given preference for employment on the contract. Should adequate and appropriate labour not be available within the locality, other labour may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local labour. The contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilisation of local labour in the construction process. The contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The contractor shall, in general, maximise the involvement of the local community.	Item	
	Carried Forward		R
	Bill No. 1 Preliminaries and General		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward		R
402	C14 LOCAL BUILDING MATERIALS Preference shall be given to the supply of materials produced or manufactured in the Eastern Cape Province provided that: (a) Such materials comply in all respects with the specific requirements of PW371 specification. (b) The availability of such materials shall not adversely affect the desired progress of the specific works. (c) The use of such materials shall not constitute grounds for any claim for increased cost in respect thereof. F:..... V:..... T:.....	
403	C15 ADMINISTRATION The Contractor must allow for all costs (including any profit and/or attendance) associated with the administration, appointment, training and/or payment of the CLO, Candidate Professionals, Students, EPWP Beneficiaries, APTCOD Learners, Clerk of Works and Steering Committee Members as applicable and included in this tender document. This item must be priced within rates or preliminaries, there is no separate line item for this (refer to PROVISIONAL SUMS & SOCIAL SECTIONS OF THIS BOQ) No additional claims in this regard shall be entertained. F:..... V:..... T:.....	
Carried Forward		R
Bill No. 1 Preliminaries and General		

	Brought Forward		R	
404	C16 EMPLOYMENT OF SMME CONTRACTORS AS "SUB-CONTRACTORS" TO THE PRINCIPAL CONTRACTOR <i>The Tenderers must allow for all costs applicable that they may feel will be associated with the successful integration, development of and completion of SMME Sub-contractors' work to the approval of the Principal Agent on this project.</i> <i>Approximately 33% of the project value must be allocated to SMME Sub-contractors. Successful contractor will be required to supply verified monthly statements/schedules (verified by their auditors) indicating the % achieved for that month. A cumulative schedule also needs to be maintained for each month that has passed.</i> <i>Failure by a main contractor/service provider to comply with the provisions of this policy in respect of meaningful participation of SMME's, will result in the application of a penalty.</i> The penalty applicable will be equal to the value of the shortfall. <i>Any additional costs that the Tenderers may deem applicable due to the use and implementation of 40% of SMME Subcontractors programme, including the following but not limited to should be allowed for in this item (Clause C16), no claim for any additional costs attributable to the incorporation and development of SMME Sub-contractors on this project will be entertained after the tenders are submitted.</i> <i>1. Contractor's profit & Attendance 2. SMME's preliminaries & General including OHS</i> F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Bill No. 1 Preliminaries and General			

-42-

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Item No	Quantity	Rate	Amount
<u>BILL NO. 2</u>			
<u>ALTERATIONS</u>			
<u>RENOVATIONS TO EXISTING 2nd FLOOR BUILDING</u>			
<u>PREAMBLES</u>			
<u>Preambles for Trades as defined in Pricing Instructions</u>			
<u>TRADE NAMES</u>			
<u>Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials:</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Principal Agent.			
<u>National treasury designated sectors instructions:</u>			
Only locally produced or locally manufactured products and components for construction with a stipulated minimum thresholds as set out in the National Treasury Designated Sectors must be complied with and the tenderers must complete returnable document 'Declaration Certificate For Local Production and content For Designated Sectors SBD 6.2' included in T2.2.14 included in Volume 2 of these tender/ contract documents documents.			
Carried Forward		R	
Bill No. 2 Alterations			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward Tenderers/ contractors are to ensure they are conversant the the National Treasury Designated Sector legislation and ensure their pricing complies with it. No claims in respect of the National Treasury Designated Sectors legislation will be entertained. <u>View Site:</u> 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. <u>Explosives:</u> No explosives whatsoever may be used for demolition purposes unless otherwise stated. <u>General:</u> The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Principal Agent. Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the Principal Agent.		R	
Carried Forward Bill No. 2 Alterations		R	

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward	R
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. Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc. Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc. and making good floor and wall finishes to match existing With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc., shall be levelled and prepared for raising of brickwork. Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary. 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.).	
Bill No. 2 Alterations	R

Carried Forward

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward				R
<u>REMOVAL AND DAMAGES TO EXISTING WORK</u>				
<u>REPAINTING OF WALLS:</u>				
1	All material become the property of the Contractor and are to be removed by him from the site. All debris and rubbish arising from the alterations are to be immediately carted away and the site left clear and unencumbered	Item		
2	Any breaking up, breaking down, etc. and removal of existing work must be done with the greatest care to prevent any form of structural or other damage to work or items not due to be removed. If any such damage may occur it will be made good by the Contractor on his own expense	Item		
<u>ON PREVIOUSLY PAINTED WALLS WHERE SURFACES ARE IN FAIR CONDITION</u>				
3	Remove loose and flaking paint back to a sound and firm substrate by scraping and sanding. Clean with sugar-soap powder solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Allow to dry. Sand glossy enamel surfaces to a matt finish to aid adhesion and dust off.	m2	455	
<u>ON PREVIOUSLY PAINTED WALLS WHERE SURFACES ARE IN POOR CONDITION</u>				
4	Completely remove paint by most appropriate means e.g. scraping or course sanding. Wash thoroughly with sugar soap powder solution. Rinse with fresh water. Ensure that plaster below is sufficiently dry in accordance with manufacturer's instructions prior to refinishing.	Item		
Carried Forward				R
Bill No. 2 Alterations				

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward				R
5	Open all cracks in walls to determine their full depth and extent. Remove all loose plaster and any flaking paint. Allow the Engineer to inspect all opened cracks prior to treatment and refinishing. Carry out all required structural repairs, where applicable, in accordance with the Structural Engineer's instructions prior to repainting.	Item		
6	Surface cracks in plaster only: Open up damaged area to allow proper filling and mechanical bond; clean surface of dust, grease and grime; fill with Polyfilla or equal approved masonry patching plaster using putty knife/trowel; smooth off while wet and allow to dry for 24 hours.	Item		
7	Patch prime any new fillers or plaster repaired areas using Professional Plaster Primer and allow 16 hours drying at 23°C.	Item		
<u>CEILINGS</u>				
<u>Preparation for repainting of plastered concrete ceilings or gypsum nail-up ceilings</u>				
8	Remove loose and flaking paint back to a sound and firm substrate by scraping and sanding. Clean with sugar-soap powder solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Allow to dry. Sand glossy enamel surfaces to a matt finish to aid adhesion and dust off. Organic growth (such as black mould) to be thoroughly removed and the spores killed using household bleach, rinse and allow to dry. Spot prime bare areas with plaster primer, followed by 2 coats of eggshell enamel paint. Colour to architect. Treat and repaint cornices as for ceiling.	m2	350	
Carried Forward				R
Bill No. 2 Alterations				

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
9	Neatly cut out all damaged areas and assess the brandering for damage or inadequacies and replace and make good where necessary. Insert new gypsum board to match existing thickness. Joints between the new and existing board to be taped with scrim tape and skimmed to a smooth blemish free surface or new cover strips to be applied to match existing. Replace damaged cove gypsum cornice with new gypsum cornice to match existing.	Item	
<u>REPAINTING OF STEEL-FRAMED WINDOWS AND STEEL DOOR FRAMES</u>			
10	Use a scraper to remove all flaking paint and rust particles. Sand metal surfaces smooth to solid base. Clean all prepared surfaces with thinners on cloth to degrease all surfaces prior to painting. Cut away broken or severely rusted frame sections and weld new sections in place.	m2 13	
<u>REPAINTING OF DOORS</u>			
11	Remove any loose or flaking paint. Any minor holes/damages to be filled with suitable wood filler and prime with pink wood primer before finish coat is applied. Entire door to be sanded with 100 grit paper and finish off with 220 grit paper to form a smooth surface suitable for painting.	m2 26	
Carried to Summary			R
Bill No. 2 Alterations			

[illegible]

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u>			
	<u>PAINTWORK</u>			
	<u>PREAMBLES</u>			
	<u>Preambles for Trades as defined in Pricing Instructions</u>			
	<u>TRADE NAMES</u>			
	Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved"			
	<u>DETAIL DESCRIPTION AND SPECIFICATION</u>			
	Annotations at end of description i.e. (San005) refer to the Architect's specification attached to the back of these bills of quantities. Tenderers are advised to study the Architect's specification for the full intent and meaning of the relevant item			
	<u>TRADE PREAMBLES</u>			
	For Trade Preambles refer to 'Model Preambles for Trades' (2008 edition) for the full descriptions of material to be used and work to be done in this Bill.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary items or materials:</u>			
	Proprietary items or materials where specified are to be of the brand specified - or other equal approved - by the Principal Agent.			
	Carried Forward		R	
	Bill No. 4 Paintwork			

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward <u>National treasury designated sectors instructions:</u> Only locally produced or locally manufactured products and components for construction with a stipulated minimum thresholds as set out in the National Treasury Designated Sectors must be complied with and the tenderers must complete returnable document 'Declaration Certificate For Local Production and content For Designated Sectors SBD 6.2' included in T2.2.14 included in Volume 2 of these tender/ contract documents documents. Tenderers/ contractors are to ensure they are conversant the the National Treasury Designated Sector legislation and ensure their pricing complies with it. No claims in respect of the National Treasury Designated Sectors legislation will be entertained.	R
Carried Forward Bill No. 4 Paintwork	R

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward

R

Supplementary preambles:

All work to be executed in strict accordance with the specifications of Plascon Paints (Pty) Ltd. The coating systems are as per Plascon's 'List of Decorative Paint Products' unless otherwise specified. Full specifications are available on request from Sophie Fourie Tel. (011) 301-4600 or from the various branch offices.

Primers and first coats may be thinned in accordance with the paint specifications of Plascon Paints (Pty) Ltd to aid the absorption of the paint.

All surfaces must be sound, clean and have a moisture content of less than 8% for walls generally and 3% for slabs/screeds etc.

Where surfaces of plaster etc are sandy / friable, the first coat must be replaced with 'Plascon Merit' plaster primer thinned 10% with turpentine.

REPAINTING OF WALLS:

Repainting of walls shall include repainting of all reveals and painted window cills(internally).

Carried Forward

R

Bill No. 4
Paintwork

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward			R
<u>ON FLOATED PLASTER (CPAP Work Group No 152)</u>			
<u>Remove loose and flaking paint back to a sound and firm substrate by scraping and sanding. Clean with sugar-soap powder solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Allow to dry. Sand glossy enamel surfaces to a matt finish to aid adhesion and dust off. Spot prime bare areas with plaster primer, followed by 2 coats of eggshell enamel paint. Colour to architect.</u>			
1	On interior walls.	m2	455
<u>ON PLASTERBOARD SURFACES</u>			
<u>Spot prime bare areas with plaster primer, followed by 2 coats of eggshell enamel paint. Colour to Architect. Treat and repaint cornices as for ceiling:</u>			
2	Ceiling and cornices including priming metal cover strip and nailheads.	m2	350
<u>ON WOOD SURFACES</u>			
<u>Prepare, clean and apply one coat of woodcare knot seal, prime with one coat wood primer and finish with two coat water based velvato or similar approved.</u>			
3	External doors.	m2	26
<u>Dust off and paint with 2 coats of high-gloss alkyd paint - colour to architect. All sides to be painted</u>			
4	Doors	m2	13
Carried Forward			R
Bill No. 4 Paintwork			

-54-

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 5</u>			
	<u>PROVISIONAL SUMS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>General:</u>			
	Unless otherwise described, all prime cost amounts and provisional sums shall be nett. No provision for 5 percent cash discount shall be included for the main Prime cost amounts and provisional sums exclude value added tax. In the event of a prime cost amount or provisional sum being omitted the items "Allow for profit"... and "allow for attendance" applicable, shall be omitted together with the prime cost amount or provisional sum and no claim whatsoever will be entertained in this regard. The principal agent shall be entitled to nominate or select any further specialist and other to execute work or supply and fix any goods whether or not a provisional sum is included in the bills of quantities and such specialists and other will then be deemed to be "selected subcontractors" as the case may be. Where profit stated, the contractor may allow for profit if required			
	<u>Attendance upon nominated/selected subcontractors:</u>			
	The item "Allow for attendance...." which follows each provisional sum for nominated/selected subcontractors work, shall be deemed to cover all the contractors costs incurred in providing free of charge to the subcontractor the service as set out in the relevant clause in the preliminaries			
	Carried Forward		R	
	Bill No. 5 Provisional sums			

Brought Forward <u>Taking delivery:</u> Taking delivery of goods or articles by the contractor on site shall mean getting in, unpacking, checking that the quantity is correct and that the goods are complete and undamaged, submitting a report thereof to the interested parties and issuing vouchers for the receipt of such goods. The contractor is to store the goods and will be held responsible for the safety thereof and indemnify the employer against any damage or loss which may occur. <u>Works executed under a separate/direct contract:</u> The contractor shall permit access to the site and to the places where the work is to be carried out and provide every facility to enable the specialist to carry out his work in a workmanlike manner and in proper order and sequence. <u>Co-ordination:</u> The contractor shall obtain all necessary particulars of the subcontractors work timeously and the contractor will be responsible for the programming and coordination of the works. <u>Number of nominated/selected subcontractors:</u> The contractors attention is drawn to the fact that the indicated individual provisional sums may consist of numerous specialist, all of which will become nominated/selected subcontractors. The contractor must therefore allow in his tender for any cost implication this may bring about, as no claims in this regard will be entertained. The contractor shall obtain all necessary particulars of the subcontractors work timeously and the contractor will be responsible for the programming and coordination of the works	R
Carried Forward Bill No. 5 Provisional sums	R

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

Brought Forward		R
<u>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUB- CONTRACTORS</u>		
<u>OHS Compliance</u>		
1	Provide the sum of R14 392.40 (Fourteen Thousand Three Hundred and Ninety Two and Forty) for Occupational Health and Safety, the amount to be used at the discretion of the Employer or deducted in whole or in part if not required.	Item
Carried to Summary		R
Bill No. 5 Provisional sums		

**BUTTERWORTH HOSPITAL
PAINTING
BASEMENT**

<u>FINAL SUMMARY</u>		Page No	Amount
Bill No			
1	Preliminaries and General	42	
2	Alterations	48	
3	Waterproofing	49	
4	Paintwork	54	
5	Provisional sums	57	
	Sub Total		R
	<u>CONTINGENCIES</u>		
	Provide 10% of Total Construction Cost (Excl. Vat) for contingencies to be used at the Employer's discretion.	%	
	Total		R
	VAT (15%)		R
	Carried to Form of Tender		R