



Item No		Quantity	Rate	Amount
	<u>BILL NO. 1</u>			
	<u>PRELIMINARIES AND GENERAL</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 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	
	Section No. 1 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

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

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES AND GENERAL



Brought Forward

R

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
- 3 **Pricing of bills of quantities**

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES AND GENERAL

-4-



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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]		
26	F:..... V:..... T:.....	Item	
27	Clause 6.0 - Employer's agents		
28	Delegated authority		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		

-7-



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
81	4.2.3 Compliance with the law, regulations and bylaws [2.1]		
82	4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
83	4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
84	4.2.6 Removal or re-execution of work		
85	4.2.7 Removal or substitution of any materials and goods		
86	4.2.8 Protection of the works		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
87	4.2.9 Making good physical loss and repairing damage to the works [23.2.2]		
88	4.2.10 Rectification of defects [21.2]		
89	4.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion		
90	4.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums		
91	5. Electrical engineer		
92	Note that the contract instructions hereinafter are selected from those listed in clause 17.1 of the JBCC PBA		
93	5.1 Duties [6.2]		
94	The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions		
95	5.2 Contract instructions [6.2; 17.1]		
96	5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement		
97	5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works		
98	5.2.3 Compliance with the law, regulations and bylaws [2.1]		
99	5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
100	5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]		
101	5.2.6 Removal or re-execution of work		
102	5.2.7 Removal or substitution of any materials and goods		
103	5.2.8 Protection of the works		
104	5.2.9 Making good physical loss and repairing damage to the works [23.2.2]		
105	5.2.10 Rectification of defects [21.2]		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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]		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		

-13-



	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		

-15-



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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	
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
191	Site instructions		
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
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	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
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	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	
237	Agreement		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



	Brought Forward		R
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	
255	Clause 2.4 - Ordering of materials and goods		
256	F:..... V:..... T:.....	Item	
257	Previous work and adjoining properties (B3)		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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)		
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	
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	Brought Forward		R
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		
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		
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Brought Forward			R
360	F:..... V:..... T:.....	Item	
361	Health and safety		
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
Section No. 1			
Bill No. 1			
PRELIMINARIES AND GENERAL			



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	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		
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		
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



	Brought Forward		R
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	
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	
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



Brought Forward			R
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	
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	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL			



Brought Forward			R
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	
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:.....	N/A	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL			


Brought Forward

R

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.

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

Carried Forward

R

Section No. 1
 Bill No. 1
 PRELIMINARIES AND GENERAL



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Brought Forward			R
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	
399	C10.5 MONITORING Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL			



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

R

Section No. 1
Bill No. 1
PRELIMINARIES AND GENERAL



	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
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

	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:.....	Item	
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:.....	Item	
	Carried Forward		R
Section No. 1 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> 1. Contractor's profit & Attendance 2. SMME's preliminaries & General including OHS F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL		



	Brought Forward		R
405	C17 SMME CONSTRUCTION MENTOR Provision for pricing for the employment, on a full time basis for the duration of the contract, an SMME Construction Mentor. All costs associated with the completion of the SMME Construction Mentor duties, provision of office facilities and tools of trade are deemed to be priced hereunder. No additional claims in this regard shall be entertained. The above is in strict accordance with the Specification for the Employment of SMME Sub-contractors and all costs should be included in this item for the employment of the Mentor. F:..... V:..... T:..... <u>SUMMARY OF CATEGORIES</u>		
406	Category : Fixed R.....	Item	
407	Category : Value R.....	Item	
408	Category : Time R.....	Item	
Carried Forward to Summary of Section No. 1 Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL			R



Item No		Quantity	Rate	Amount
	<u>BILL NO. 2</u> <u>ALTERATIONS</u> <u>ALL TRADES BILL PROVISIONAL</u> The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. NOTE: The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.----- The Contractor will be held solely responsible for checking all floor levels and dimensions in the existing building in order that the new extensions may be correctly lined up. Should any discrepancies be found in the Architect's drawings he should be asked for a decision before continuing with the work. The Contractor will be held solely responsible for any damage to persons and property, for the safety of the new and existing structure throughout the whole of the contract and must make good at his own expense any damage that may occur. All existing materials taken down and suitable for re-use to remain the property of the department/community unless specified otherwise. Old materials described as "carefully take out, set aside for re-use and later refix in new position" are to be carefully removed, stored and protected from injury, made good as required and if broken or damaged through taking out, removing, storage, etc, are to be replaced by the Contractor at his own expense. Tenderers are advised to inspect these materials to ascertain their condition and allow accordingly for this in their pricing.			
	Carried Forward Section No. 1 Bill No. 2 ALTERATIONS		R	



Brought Forward

R

Old materials, which are to become the property of the Contractor as they are pulled down, together with all building debris from any cause whatsoever, are to be immediately carted away and the site left clean and unencumbered. Allow for watering the works sufficiently to prevent nuisance from dust.

Allow for giving notice to local or other authorities for disconnecting electric light, water and drainage mains and removing telephone wires, etc, and pay all fees in connection therewith and afford every facility to the workmen carrying out this work.

All materials in this section are measured as new except where old material is specifically mentioned as being re-used.

Old materials, if sound and suitable and approved by the Architect, may be re-used in the new structure. This applies particularly to timber which may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore.

Wherever old materials are used instead of the new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the Contractor with the amount, if any, allowed by him for the old materials.

When pricing, Tenderers are to allow as follows:

Prices are to include for carting away from site all materials not specifically mentioned as being stored on site for re-use or to be handed over to the Department/community, and all rubbish, debris, etc. arising from the alterations, etc. and for making good all work damaged or disturbed.

Carried Forward

R

Section No. 1
Bill No. 2
ALTERATIONS



Brought Forward

R

Where door and window openings, etc, are specified to be filled in, or where jambs, cills, etc are specified to be built up, brickwork shall be of hard burnt clay stock bricks in 5.1 cement mortar unless otherwise specified, cut, toothed and bonded into existing brickwork and pinned up as required with slates or other hard materials. Brickwork built to fair face or in facings is to be of bricks and pointed to match existing. Plaster is to be 5.1 cement plaster unless otherwise specified.

Where lintols are specified as reinforced concrete the prices are to include for breaking out brickwork over for and inserting cement concrete (20MPa) lintol with 230mm bearing on each end and 254mm deep and reinforced with and including one 12mm diameter mild steel rod for each half brick thickness of wall and including formwork. The steel rods are to be hooked at ends and embedded 25mm up from bottom of lintols. Lintols exceeding 1370mm span to be similarly reinforced but with 20mm diameter mild steel rods.

Where lintols are specified as precast concrete the prices are to include for breaking out brickwork over for and inserting precast prestressed cement concrete (30MPa) lintol with 230mm bearing on each end size 108 x 75mm deep for each half brick thickness of wall.

The term "take out" includes all work taken out, taken up, taken down, taken off, etc ; the term "break up" includes all work broken up, broken down, broken off, etc and the term "hack off" includes all work hacked off, hacked up, hacked down, etc.

The term "make good" is to include all labour and material required to match existing work.

The terms "take out and remove door", "take out and remove window", "carefully take out, set aside for re-use and later refix window in new position", etc are to include all materials connected with such door or window such as doors, windows, fanlights, frames, ironmongery, glass, architraves, beads, fillets, cramps, dowels, etc.

Carried Forward

R

Section No. 1
Bill No. 2
ALTERATIONS



Brought Forward			R
<u>REMOVAL OF EXISTING WORK</u>			
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions e.t.c</u>			
1	Corrugated iron roof sheeting and timber purlins and all existing nail fixings to be carefully removed.	m2	245
2	Carefully remove existing timber beam to south verandah.	m	9
3	Rain damaged ceilings including timber brandering.	m2	64
<u>Taking down and removing rainwater goods, fascia boards, barge boards e.t.c</u>			
4	Existing gutters	m	35
5	Down pipes	m	11
6	Fascia boards	m	35
<u>PREPARATORY WORK TO EXISTING</u>			
7	Repair and replace and damaged timber bracing.	Item	
8	Clean the top of the intact ceilings to remove all accumulated dust and debris including bird's nests, redundant equipment and the like. Arrange all existing pink insulation to cover all ceiling boards.	m2	98
<u>MAKING GOOD OF FINISHES E.T.C</u>			
<u>Making good internal walls</u>			
9	Internal walls to be carefully cleaned down and the walls washed down with sugar soap to remove all dirt	m2	359
10	All minor holes and surface cracks to be filled with plaster filler	m2	36
11	Painted wall surfaces to be sanded down and all loose paint removed. All dust to be brushed off.	m2	359
Carried Forward			R
Section No. 1 Bill No. 2 ALTERATIONS			



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Brought Forward

R

Making good of external cladding

- 12 Supply and cut eight panels of 12 mm thick fiber cement cladding boards size approx. 1100 x 800 high (Check dimensions on site) to be fixed to the base of each existing cladding panel. Each new panel is to be carefully screw fixed min six times to existing cladding panels with predrilled holes and self-tapping stainless steel screws, set back by 50mm from edge of boards.

Item

Carried Forward to Summary of Section No. 1

R

Section No. 1
Bill No. 2
ALTERATIONS



Item No		Quantity	Rate	Amount
	<u>BILL NO. 3</u>			
	<u>ROOF COVERINGS,CLADDING, ETC</u>			
	<u>PREAMBLES</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated hereunder.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
	<u>Fixing:</u>			
	Fixing shall be done according to SABS 1200HB with minimum 225mm end laps.			
	<u>Guarantee:</u>			
	The contractor will be required to provide a written guarantee, stating that:			
	1. The roof sheeting is of the specified thickness.			
	2. The client is indemnified against any defects, including colour deterioration for a minimum period of 15 years.			
	<u>Pricing:</u>			
	Prices for roof covering and cladding are to include for all necessary drive screws, hook bolts, sheet bolts, nuts, washers, etc., for drilling holes for screws and bolts including removing all swarf from the sheeting and all right angle cutting and waste (Measured net).			
	Carried Forward			
	Section No. 1 Bill No. 3 ROOF COVERINGS,CLADDING, ETC		R	



Brought Forward		
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>		
<u>0.58mm concealed fix roof sheeting in single lengths with AZ200 coating on new 76 x 50mm SA pine purlins:</u>		
1	Roof covering with pitch not exceeding 50 degrees.	m2 245
<u>0,8mm nominal thickness colomate finished ditto, but flashings:</u>		
2	Ridge capping 280mm girth to both end gables to clad the final flute of the sheeting, the side face of the purlin and provide a short return below the purlin.	m 18
3	Barge flashing 462mm girth.	m 26
4	Supply and install all necessary fluted closer and ridge cappings	m 18
<u>ROOF INSULATION</u>		
<u>'Sisalation 420' or Equally Approved heavy industrial grade aluminium foil based insulation:</u>		
5	Insulation laid taut under battens and fixed concurrent with roof covering including galvanised steel straining wires, laps, etc.	m2 245
Carried Forward to Summary of Section No. 1		
Section No. 1		
Bill No. 3		
ROOF COVERINGS, CLADDING, ETC		

R

R



Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u>			
	<u>CARPENTRY AND JOINEY</u>			
	<u>PREAMBLES</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated hereunder.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
	<u>Prefabricated roof trusses:</u>			
	Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturer's as approved by the Architect.			
	Prices must include for all cross and windbracing according to the manufacturer's instruction.			
	Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.			
	Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle.			
	Carried Forward		R	
	Section No. 1 Bill No. 4 CARPENTRY AND JOINEY			



Brought Forward

R

Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber.

The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints.

In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralising paint.

Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements:

(a) The Manufacturer of the pre-fabricated trusses shall hold a certificate of competence issued by the Insitute for Timber Construction.

(b) A polyester print, size A1 having a minimum thickness of 0,5mm, shall be submitted by the Contractor to the Regional Representative at an early stage for approval by the Directorate: Structural Engineering Services.

(c) The drawings shall be signed by a Registered Professional Engineer whose name appears on the Departmental panel for structural work.

(d) In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender.

The following minimum information shall be shown on the drawings:

(a) Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations.

Carried Forward

R

Section No. 1
Bill No. 4
CARPENTRY AND JOINEY



Brought Forward	R
(b) Bracing as recommended by the Institute for Timber Construction. (c) Sizes and grading of the timber components. (d) Truss sizes, e.g. height of ridge or angle of pitch. (e) Plate sizes for every construction point. (Code numbers only are deemed insufficient). (f) Separate connection details for hip, valley and jack rafters. (g) Maximum spacing for purlins and bracing to ceilings shall be according to Subclauses 7.6.1 and 7.6.2 and Clauses 7.8, 7.9 and 9.5. (h) The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative / Agent, the Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that: "The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual "THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES" issued by the National Timber Research Institute and the Institute for Timber Construction". <u>Joinery:</u> Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc. Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.	
Carried Forward	R
Section No. 1 Bill No. 4 CARPENTRY AND JOINEY	



Brought Forward			R
<u>Fixing:</u> All nailing of timber roof trusses, purlins, etc. shall be done with galvanised nails. In coastal areas, copper, aluminium or stainless steel nails shall be used. Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete. Where items are described as "bolted" the bolts have been measured elsewhere. <u>Fascia boards:</u> All fascia boards will be a minimum of 12mm thick. The contractor will be required to provide proof of purchase for 12mm thick fascia boards. If found to be incorrect, the contractor will be required to replace the fascias at the contractors own cost. Fascia and barge boards will be fixed to rafter ends with 38 x 38 x 114mm auxiliary cleats brass screwed to rafter feet. Failure to comply with this will result in non payment for fascias boards. <u>ROOFS ETC.</u> <u>Wrought softwood:</u>			
1	50mm x 76mm Bearer fascia support.	m	36
<u>Wrought S.A. Pine.</u>			
2	50mm x 76mm Purlins using a 6.5mm x 125mm Allen Head self-drilling purlin screw, fixed through evry purlin connection into rafter	m	149
3	38mm x76mm x100mm long SAP cleats in a vertical position to both sides of each rafter end – bolted twice through rafter with 2 x 100 x 6 mm galvanised bolts	m	4
Carried Forward			R
Section No. 1 Bill No. 4 CARPENTRY AND JOINEY			



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Brought Forward

R

EAVES, VERGES, ETC.

Medium density plain fibre-cement fascia and barge boards:

4	1150 x 12 fibre cement fascia boards onto face of cleats with all necessary screw fixing into eaves trimmer and all necessary joining strips	m	36
5	85mm x 275mm x 12mm moulded barge boards, including galvanised steel H-profile joiners, etc.	m	26

Carried Forward to Summary of Section No. 1

R

Section No. 1
Bill No. 4
CARPENTRY AND JOINEY



Item No		Quantity	Rate	Amount
	<u>BILL NO. 5</u>			
	<u>CEILING,PARTITIONS AND ACESS FLOORING</u>			
	<u>PREAMBLES</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated hereunder.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
	<u>Descriptions:</u>			
	Items described as nailed shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete.			
	Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as bolted the bolts have been given.			
	Carried Forward			
	Section No. 1 Bill No. 5 CEILING,PARTITIONS AND ACESS FLOORING		R	



Brought Forward			R
<u>NAILED UP AND SCREW UP CEILINGS</u>			
<u>6.5 mm gypsum plaster ceiling board on brandering with 40 x 10 timber cover strips and standard coved cornice, using black self-drilling ceiling screws</u>			
1	6.5 mm gypsum plaster ceiling board on CCA treated 39 x 38 SAP brandering with each junction to tie beam twice nailed to underside of tie-beam brandering with 40 x 10 timber cover strips and standard coved cornice, using black self-drilling ceiling screws	m2	64
2	Extra over ceiling for 800mm x 800mm trap door with 38mm x 50mm softwood frame and 38mm x 114mm nutec fibre cement, fitted flush in opening with 19mm x 50mm wrot softwood fillets all round.	No	1
<u>CORNICES</u>			
<u>SA Pine cornice:</u>			
3	76mm x 50mm Cornice.	m	29
<u>INSULATION</u>			
<u>100mm Non-combustible lightweight fibreglass insulation blanket. All to be fixed in accordance with manufacturers specification:</u>			
4	Insulation laid loose on top of brandering and fitted between tie beams including galvanised steel straining wires, laps, etc.	m2	64
Carried Forward to Summary of Section No. 1			R
Section No. 1			
Bill No. 5			
CEILING,PARTITIONS AND ACESS FLOORING			



Item No		Quantity	Rate	Amount
	<u>BILL NO. 6</u>			
	<u>PLUMBING AND DRAINAGE</u>			
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document.			
	<u>RAINWATER DISPOSAL</u>			
	<u>Seamless aluminium gutters fixed to fibre cement fascia with fixings, brackets, etc to suit snow conditions:</u>			
1	Domestic square profile OGEE seamless aluminium gutter, overall size 150mm x 85mm x 0.6mm thick eaves gutter fixed to falls in continuous lengths at not exceeding 600mm centres with and including approved gutter brackets.	m	36	
2	Extra over eaves gutter for stopped end.	No	4	
3	Extra over eaves gutter for outlet.	No	5	
4	80 mm Dia PVC downpipes	m	5	
5	Extra over rainwater pipe for shoe.	No	5	
6	Extra over rainwater pipe for swan necks.	No	1	
7	Reinstate rainwater tank that has blown over on north side.	Item		
	Carried Forward to Summary of Section No. 1			
	Section No. 1			
	Bill No. 6			
	PLUMBING AND DRAINAGE			
			R	



Item No		Quantity	Rate	Amount
	<u>BILL NO. 7</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>PREAMBLES</u>			
	<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated hereunder.</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. NOTE: All steel will be painted unless otherwise stated. <u>Reference to drawings and details:</u> Where drawings and/ or details have been referred to Tenderers should price for complete detail and specification on such details and/ or drawing. No claims relating to the omissions on the part of tenders will be entertained. <u>Descriptions of bolts, anchors, etc.:</u> Unless otherwise described, descriptions of items shall be deemed to include for fixing to brickwork or concrete.			
	Carried Forward			
	Section No. 1 Bill No. 7 STRUCTURAL STEELWORK		R	



Brought Forward			R
Where item are described as "bolted", the bolts are measured elsewhere.			
Descriptions of bolts shall be deemed to include nuts and washers.			
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.			
Items described as 'holed for bolt(s)' shall be deemed to exclude the bolts unless otherwise described.			
<u>STEEL COLUMNS AND BEAMS</u>			
<u>Welded beams in single lengths with flat bearer and connection plates, bolted to steel.</u>			
1	220mm x 50mm lipped galvanised channel, cut to length and twice bolted to each existing steel verandah pole.	m	9
Carried Forward to Summary of Section No. 1			R
Section No. 1			
Bill No. 7			
STRUCTURAL STEELWORK			



Item No		Quantity	Rate	Amount
	<u>BILL NO. 8</u>			
	<u>ELECTRICAL WORKS</u>			
	<u>PREAMBLES</u>			
	NOTE: Tenderers are advised to study the latest version of the *Guidelines for Electrical Installation Requirements for New Prototype Schools *Standard Quality Specification for General Electrical Installations (Schools)(GP/E6/1 Rev 1)-(GP/EP/1) Standard Quality Specification for General Electrical Material and Equipment (Schools)(GP/E6/2 Rev 1)-(GP/EP/2) The requirements of the Guidelines for Electrical Installation Requirements for New Prototype Schools will however take precedence over GP/E6/1 and GP/E6/2.			
	<u>NOTE:</u>			
	<u>Checking of cable lengths</u>			
	Not with standing the fact that the lengths of cables as given in the Bill of Quantities have been measured from scaled drawings, the contractor shall check such lengths on site before ordering the cable as he / she will not be paid for excess cable after the completion of the service. Any allowance for off-cuts shall be made in the unit rates. The final measurements shall be based on the nett route length of the cable and overhead lines concerned.			
	<u>LOW VOLTAGE RETICULATION & DISTRIBUTION BOARD</u>			
	<u>Distribution Board</u>			
1	Allow for the certificate of compliance including testing of DB	No	1	
2	Allowance for repairs to the existing main distribution board			SUM
	<u>Low Voltage Earthing</u>			
3	Allow for bonding of the electrical installation			SUM
	Carried Forward			R
	Section No. 1 Bill No. 8 ELECTRICAL WORK			



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Brought Forward			R
<u>Low Voltage Reticulation</u>			
4	10.0 mm ² armoured cable	m	40
<u>Power Supply</u>			
5	Supply and installation of Pigtail Bolt (Complete) M16 x 380mm Galvanised Steel on the metering kiosk pole, this includes stringing the low conductor from Eskom pole to kiosk		SUM
<u>Supply, delivery to site, installation of light switches, excluding outlet boxes, but including covers and surrounds, mounted to outlet boxes</u>			
6	One lever, one way switch	No	2
7	One lever, two way switch	No	2
8	Two lever, one way switch	No	2
9	16A photo electric cell surface mounted in an empty luminaire	No	2
<u>LUMINAIRES</u>			
<u>Supply, delivery to site, installation of luminaire, either fixed to round conduit boxes cast into brickwork or conduit boxes supported to ceiling / roof structure or mounted in recessed ceiling grid, including all fixing materials and terminations (refer to schedule of light fittings for specification)</u>			
10	Type A1- 2x18W 1200mm open channel light luminaire complete with LED tubes (35W NASA)	No	16
11	Type B -20W LED bulkhead complete with metal base and non-discolouring diffuser	No	5
12	Type C-50W LED floodlights	No	2
13	Occupancy sensor	No	3
14	16A photo electric cell	No	1
Carried Forward			R
Section No. 1 Bill No. 8 ELECTRICAL WORK			



Brought Forward			
<u>ISOLATORS/SWITCHED INTERLOCK ISOLATORS</u>			
<u>Supply, delivery to site, installation of isolators, excluding outlet boxes, but including covers and surrounds, mounted to outlet boxes</u>			
15	30 A waterproof IP65, double pole	No	1
<u>PVC SANS APPROVED CONDUIT</u>			
<u>Supply, delivery to site, installation of conduit on surface, in ceiling void, chased into or cast into concrete works and / or brickwork, including bushes, locknuts, couplings, saddles, and round boxes etc.</u>			
16	20 mm diameter conduit	m	330
17	25 mm diameter conduit	m	100
18	50 mm diameter conduit	m	20
<u>GALVANISED SANS APPROVED CONDUIT ACCESSORIES</u>			
<u>Supply, delivery to site, installation of conduit accessories on surface, or in ceiling void</u>			
19	100 mm x 100 mm x 50 mm conduit box	No	5
20	100 mm x 50 mm x 50 mm conduit box	No	5
<u>INSULATED WIRING</u>			
<u>Supply, delivery to site, installation of PVC insulated, single core, stranded copper conductors, drawn into wireways, fixed surface or beneath plaster</u>			
21	1.5 mm ² , for use as conductors	m	600
22	2.5 mm ² , for use as conductors	m	600
Carried Forward			
Section No. 1 Bill No. 8 ELECTRICAL WORK			

R

R



Brought Forward		
<u>PVC INSULATED SCREENED "SURFIX" WIRING</u>		
<u>"Surfix" wiring, with copper conductors and earth conductor, drawn into wireways, fixed surface or beneath plaster, including necessary glands</u>		
23	2.5 mm ² solid live & 1.0 mm ² solid earth	m 50
24	4.0 mm ² stranded live & 1.5 mm ² solid earth	m 50
<u>EQUIPMENT AND CONTROL</u>		
25	16A normal socket outlet complete with a combination of slimline and normal 3-pin outlet, price to include metal cover plates.	No 5
26	16A dedicated socket outlet complete with a combination of slimline and normal 3-pin outlet, price to include metal cover plates.	No 5

R

Carried Forward to Summary of Section No. 1

R

Section No. 1
Bill No. 8
ELECTRICAL WORK



**HILLSIDE CLINIC
AMATHOLE DISTRICT**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 9</u>			
	<u>PAINTWORK</u>			
	The Tenderer is referred to the relevant Clauses in the separate Supplementary Preambles hereunder and Department of Public Works PW371 document.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>PREPARATORY WORK TO EXISTING WORK</u>			
	<u>Previously painted plastered surfaces</u>			
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth.			
	<u>Previously painted metal surfaces</u>			
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal.			
	<u>Previously painted wood surfaces</u>			
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth.			
	<u>Painting specification:</u>			
	All painting shall be done in accordance with SABS specifications unless otherwise described.			
	<u>Colours:</u>			
	Unless otherwise described, all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SABS 1091.			
	Carried Forward		R	
	Section No. 1 Bill No. 9 PAINTWORK			



Brought Forward			R
When staining timber, the resultant colour or shade must be to the complete satisfaction of the Principal Agent before any overcoating or preservative is applied.			
<u>ON INTERNAL FLOATED PLASTER SURFACES</u>			
<u>Prepare surfaces and remove all loose material, apply one coat alkaline resistant primer, one universal undercoat two coats eggshell enamel paint on:</u>			
1	On walls.	m2	359
<u>ON PLASTERBOARD SURFACES</u>			
<u>One coat alkali resistant primer, one coat of SANS approved Universal undercoat and two coats superior quality acrylic emulsion paint for interior and exterior use:</u>			
2	Ceilings and cornices.	m2	64
Carried Forward to Summary of Section No. 1			R
Section No. 1			
Bill No. 9			
PAINTWORK			

Item No		Quantity	Rate	Amount
	BILL NO. 10			
	SOCIO-ECONOMIC DELIVERABLES			
	SUPPLEMENTARY PREAMBLES			
	<u>General</u>			
	The project will deliver measurable socio-economic benefits through local employment creation, skills development, support for SMMEs, youth and women empowerment, preferential procurement, and community development initiatives, thereby contributing to sustainable economic growth and social upliftment within the host community.			
	The Contractor is referred to the Social and Economic Deliverables Specification Data included in this contract document for interpretation purposes. The Contractor shall ensure full achievement of the deliverables through the construction period of this contract.			
	COMMUNITY LIAISON OFFICER (CLO)			
1	Provide the amount of R18 000.00 Eighteen Thousand to be paid to the CLO for the duration of the contract.	Item		18 000.00
	Carried Forward to Summary of Section No. 1		R	
	Section No. 1 Bill No. 10 SOCIO-ECONOMIC DELIVERABLES			

-63-

Carried to Form of Tender