

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No	Quantity	Rate	Amount
<b><u>SECTION NO 1</u></b>			
<b><u>BILL NO. 1</u></b>			
<b><u>PRELIMINARIES</u></b>			
All prices/rates to be net, excluding Value Added Tax			
<b><u>General</u></b>			
i) The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1) prepared by the Joint Building Contracts Committee, March 2005			
ii) The preliminaries are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, March 2005 edition and shall be deemed to be incorporated herein			
iv) Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading			
iii) Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary			
v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")			
vi) If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time			
<b>Carried Forward</b>			
Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			
		R	

Brought Forward

R

vii) Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"

**SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT**

**Definitions (A1)**

1 Definitions and interpretation (clause 1)

Clause 1.1 Definition of "**Agreement**" is amended by replacing it with the following:

**Agreement** means the agreement arising from the signing of the Form of Offer and Acceptance by the parties.

Clause 1.1 Definition of "**Bills of Quantities**" is amended by adding the following:

"...and the Pricing Instructions contained in the Pricing Data" after the word measuring system.

Clause 1.1 Definition of "**Contract Documents**" is amended by adding the following:

".....this Agreement and all other documents referenced therein.." after the word this document"

Clause 1.1 Definition of "**Contract Drawings**" is amended by replacing it with the following:

**Contract Drawings** means the drawings upon which the tender was accepted and used in preparing the bills of quantities and are available for viewing at the offices of the Principal Agent at the time of tender

Clause 1.1 Definition of "**Contract Sum**" is amended by replacing it with the following:

**Contract Sum** means the total of prices in the Form of Offer and Acceptance.

Clause 1.1 Definition of "**Schedule**" is amended by adding the following:

Carried Forward

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

**Brought Forward**

R

".....and in the **Contract Data**". at the end on the sentence ending with **agreement**

Clause 1.1 Definition of "**Commencement Date**" is added:

"**Commencement date**" means the date that the **agreement**, made in terms of the Form of Offer and Acceptance, comes into effect

Clause 1.1 Definition of "**Construction Guarantee**" is amended by replacing it with the following:

"**Construction guarantee**" means guarantee at call obtained by the **contractor** from an institution approved by the **employer** in terms of the **employer's** construction guarantee form as selected in the **schedule**

Clause 1.1 Definition of "**Construction Period**" is amended by replacing it with the following:

"**Construction period**" means the period commencing on the commencement date and ending on the date of practical completion

Clause 1.1 Definition of "**Corrupt Practice**" is added:

"**Corrupt Practice**" means the offering , giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution

Clause 1.1 Definition of "**Fraudulent Practice**" is added:

"**Fraudulent Practice**" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.

Clause 1.1 Definition of "**Interest**" is amended by replacing it with the following:

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

<p style="text-align: center;"><b>Brought Forward</b></p> <p><b>"Interest"</b> means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999).</p> <p>Clause 1.1 Definition of <b>"Principal Agent"</b> is amended by replacing it with the following:</p> <p><b>"Principal Agent"</b> means the person or entity appointed by the <b>employer</b> and named in the <b>schedule</b>. In the event of a <b>principal agent</b> not being appointed, then all the duties and obligations of a <b>principal agent</b> as detailed in the <b>agreement</b> shall be fulfilled by a representative of the <b>employer</b> as named in the <b>schedule</b>.</p> <p>Clause 1.1 Definition of <b>"Security"</b> is amended by replacing it with the following:</p> <p><b>Security"</b> means the form of security provided by the <b>employer</b> or <b>contractor</b>, as stated in the <b>schedule</b>, from which the <b>contractor</b> or <b>employer</b> may recover expense or loss</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p> <p><b><u>Objective and Preparation (A2 - A14)</u></b></p> <p>2 Offer, acceptance and performance (clause 2)</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p> <p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	
		R	

	<b>Brought Forward</b>			R
3	<p>Documents (clause 3)</p> <p>Clause 3.2.1 is amended by replacing "14.1" with "14.0"</p> <p>Clause 3.7 is amended by the addition of the following:</p> <p><b>The contractor</b> shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract <b>on the site</b>, to which <b>the employer, principal agent and agents</b> shall have access at all times.</p> <p>Clause 3.10 is amended by replacing the second reference to "<b>principal agent</b>" with the word "<b>employer</b>"</p>	Fixed	Item	
	Value Related		Item	
	Time Related		Item	
4	Design responsibility (clause 4)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
5	Employer's agents (clause 5)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
6	Contractor's site representative (clause 6)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b>Carried Forward</b>			R
	<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
7	Compliance with laws and regulations (clause 7)			
	Note: A separate clause has been included in Section C: Specific Preliminaries of the <b>bills of quantities</b> for the <b>contractor</b> to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
8	Works risk (clause 8)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
	<b>Carried Forward</b>			R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

	<b>Brought Forward</b>			R
9	<p>Indemnities (clause 9)</p> <p>Clause 9.0 is amended by adding Clause 9.1.4:</p> <p>The <b>contractor</b> indemnifies and holds harmless the <b>employer</b> against all liability, losses, claims, damages, penalties, actions, proceedings or judgments (collectively referred to as "Losses") arising from any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system or method of using, fixing, working or arrangement used or fixed or supplied by the <b>contractor</b>, but such indemnity shall not cover any use of the equipment of part thereof otherwise than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by installments or otherwise shall be included by the <b>contractor</b> in the price and shall be paid by him to those to whom they may be payable. The <b>contractor</b> shall reimburse the <b>employer</b> for all legal and other costs and expenses, including without limitation attorney's fees on attorney-client scale incurred by the <b>employer</b> in connection with investigation, defending or settling any Losses in connection with pending or threatening litigation in which the <b>employer</b> is a party.</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>			
		Item		
		Item		
		Item		
10	<p>Works insurances (clause 10)</p> <p>Clause 10.0 is amended by the addition of the following clauses</p> <p><b>10.5 Damage to the Works</b></p> <p>(a) Without in any way limiting the <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall bear the full risk of damage to and/or destruction of the <b>works</b> by whatever cause during construction of the <b>works</b> and hereby indemnifies and holds harmless the <b>employer</b> against any such damage. The <b>contractor</b> shall take such precautions and</p>			
	<b>Carried Forward</b>			R
	<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

<p style="text-align: center;"><b>Brought Forward</b></p> <p>security measures and other steps for the protection and security of the <b>works</b> as the <b>contractor</b> may deem necessary</p> <p>b) The <b>contractor</b> shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the <b>works</b> and to rebuild, restore, replace and/or repair the <b>works</b></p> <p>(c) The <b>employer</b> shall carry the risk of damage to or destruction of the <b>works</b> and material paid for by the <b>employer</b> that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the <b>employer</b> bears the risk in terms of this contract, the <b>contractor</b> shall, if requested to do so, reinstate any damage or destroyed portions of the <b>works</b> and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p><b>10.6 Injury to Persons or loss of or damage to Properties</b></p> <p>(a) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the <b>works</b> unless due to any act or neglect of any person for whose actions the <b>employer</b> is legally liable</p> <p>(b) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the <b>site</b>, whether belonging to or under the control of the <b>employer</b> or any other body or person, arising out of or in the course of or by reason of the execution of the <b>works</b> unless due to any act or neglect of any person for whose actions the <b>employer</b> is legally liable</p> <p>c) The <b>contractor</b> shall, upon receiving a <b>contract instruction</b> from the <b>principal agent</b>, cause the</p>	<p style="text-align: center;">R</p>	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1                  Bill No. 1                  Preliminaries &amp; General  <b>INDEPENDENT DEVELOPMENT TRUST</b></p>	<p style="text-align: center;">R</p>	

**Brought Forward**

R

same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**

- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor** shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (f) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

**10.7 High risk insurance**

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

**10.7.1 Damage to the works**

The **contractor** shall, from the commencement **date** of the **works** until the date of the **certificate of practical completion** bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above.

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

**Brought Forward**

R

The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor

**10.7.2 Injury to persons or loss of or damage to property**

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

**10.7.3** It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days** of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

**10.7.4** The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		amounts still due under this contract or under any other contract presently or hereafter existing between the <b>employer</b> and the <b>contractor</b> and for this purpose all these contracts shall be considered one indivisible whole		
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
11	Liability insurances (clause 11)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
12	Effecting insurances (clause 12)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
13	No clause (clause 13)		Item	
14	Security (clause 14)			
	Clause 14.0 is amended by:-			
	i) The addition of the following clauses:-			
	Clause 14.7.3			
	"Hand the site over to the <b>contractor</b> subject to agreement that shall be made between the <b>employer</b> and the <b>contractor</b> "			
		Fixed	Item	
		<b>Carried Forward</b>		R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
	Value Related	Item		
	Time Related	Item		
	<b><u>Execution (A15 - A23)</u></b>			
15	<p>Preparation for and execution of the works (clause 15)</p> <p>Clause 15.1.1 is amended by replacing it with:</p> <p>No clause</p> <p>Clause 15.1.2 is amended by replacing it with:</p> <p>The <b>security</b> selected in terms of 14.0</p> <p>Clause 15.1 is amended by the addition of the following clause:</p> <p>15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) or latest edition, revision and amendments, within twenty-one (21) <b>calendar days of commencement date</b></p> <p>Clause 15.2.1 is amended by replacing it with the following clause:</p> <p>Give the <b>contractor</b> possession of the <b>site</b> within ten (10) <b>working days</b> of the <b>contractor</b> complying with the terms of 15.1</p>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
16	<p>Access to the works (clause 16)</p>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>			R
	<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
17	Contract instructions (clause 17)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
18	Setting out of the works (clause 18)			
	<i><b>The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments</b></i>			
	<i><b>The contractor shall perform tolerance control checks regularly throughout the contract period and report on this at regular interval to the Principal Agent in the approved format. Should the contractor fail to comply with this requirement to the satisfaction of the the Principal Agent, progressively as the structure is being constructed, the Employer will commission a Registered Land Surveyor to do so on the Contractor's behalf and at the Contractor's Expense.</b></i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
19	Assignment (clause 19)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>			R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
20	Nominated sub-contractors (clause 20)			
	Clause 20.0			
	Clause 20.1.3 is amended by replacing it with the following:			
	No Clause			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
21	Selected sub-contractors (clause 21)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
22	Employer's direct contractors (clause 22)			
	<i>The Contractor shall allow the direct contractors and employers agents access to the work, allocate reasonable space in the building for storage of their materials, tools and equipment, all to the satisfaction of the Principal Agent. The contractor shall also allow the direct contractors, etc. free of charge, use of their ablution facilities and water and power supply to the and shall in no way hinder or prevent the execution of their works. Attendance may be priced against the relevant specified items in the bills of quantities.</i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
23	Contractor's domestic sub-contractors (Clause 23)			
	Fixed	Item		
	<b>Carried Forward</b>			R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Value Related	Item	
		Time Related	Item	
	<b><u>COMPLETION</u></b>			
	<b><u>Completion (A24-A30)</u></b>			
24	Practical completion (clause 24)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
25	Works completion (clause 25)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
26	Final completion (clause 26)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
27	Latent defects liability period (clause 27)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
28	Sectional completion (clause 28)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
29	Revision of date of practical completion (clause 29) Clause 29.1.1 shall be deemed to be omitted and			
		<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**Brought Forward**

R

replaced by the following:  
Inclement weather shall be defined as weather in excess of the average rainfall (volume and period) for each calendar month over the past ten (10) years as recorded by the nearest commonly recognised weather bureau in the region of the project  
It shall be deemed that the contractor has adequately allowed in his programme and tendered rates for expenses which might result from delays due to average or below rainfall as described above

Add Clause 29.9 as follows:

Revision to the date for **practical completion** shall only be considered when work on the critical path of the agreed programme for the works is delayed.”

Add Clause 29.10 as follows:

Clause 29.10 - Acceleration

Clause 29.10.1  
Irrespective of whether or not the **principal agent** rules that the **contractor** is entitled to an extension of time or a revision of the date for **practical completion**, the **principal agent** shall nevertheless, at any time, be entitled to instruct the **contractor** in writing to accelerate the progress of the remaining **works** to ensure that the **works** are completed by the original date for **practical completion** or revised date as the case may be.

Clause 29.10.2  
Upon receipt of such instruction, the **contractor** shall take all necessary steps to ensure that the **works** are completed timeously including the provision by him of additional resources, plant, manpower, etc and the working overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means and methods. The **contractor** shall prove that such steps are being taken if called upon to do so.

Clause 29.10.3  
The **contractor’s** entitlement to compensation arising out of or in respect of any revision to the date for **practical completion** that may have

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

		R
	<b>Brought Forward</b>	
	been granted by the <b>principal agent</b> or alternatively where the <b>principal agent</b> has instructed the <b>contractor</b> to accelerate, shall be adjudicated strictly in terms of clause 32.	
	Fixed	Item
	Value Related	Item
	Time Related	Item
30	Penalty for non-completion (clause 30) Clause 30 is amended by replacing reference to 36.3 at end of sentence with 36.0	
	Fixed	Item
	Value Related	Item
	Time Related	Item
	<b><u>Payment (A31 - A35)</u></b>	
31	Interim payment to the contractor (clause 31) Clause 31.9 is amended by replacing "seven (7) <b>calender</b> days" with "thirty (30) <b>calender</b> days" and by deleting the words "subject to the <b>contractor</b> giving the <b>employer</b> a tax invoice for the amount due Clause 31.12 is amended by deleting the following Payment shall be subject to the <b>employer</b> giving the <b>contractor</b> a tax invoice for the amount due	
	Fixed	Item
	Value Related	Item
	Time Related	Item
32	Adjustment to the contract value (clause 32) Clause 32.0 Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:  "due to no fault of the <b>contractor</b> "	
	Fixed	Item
	Value Related	Item
	<b>Carried Forward</b>	R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>	

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Time Related	Item	
33	Recovery of expense and loss (clause 33)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
34	Final account and final payment (clause 34) Clause 34.0 Clause 34.2 is amended by inserting # next to 34.2 Clause 34.13 is amended by replacing "seven (7) <b>calendar days</b> " with "thirty (30) <b>calendar days</b> " and deleting the words "subject to the <b>employer</b> giving the <b>contractor</b> a tax invoice for the amount due"	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
35	Payment to other parties (clause 35)	Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b>Carried Forward</b>		R
Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>				



<b>Brought Forward</b>			R
37	<p>Cancellation by employer - loss and damage (clause 37)            Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"            Clause 37.0 is amended by the addition of the following clause:            37.5 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p>	Fixed	Item
	Value Related		Item
	Time Related		Item
38	<p>Cancellation by contractor - employer's default (clause 38)            Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"            Clause 38.0 is amended by the addition of the following clause:            38.7 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p>	Fixed	Item
	Value Related		Item
	Time Related		Item
39	<p>Cancellation - cessation of the works (clause 39)            Clause 39.3.5 is amended by the addition of the following at the end of the sentence: "within one-hundred and twenty (120) <b>working days</b> of completion of such report"</p>	Fixed	Item
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

	<b>Brought Forward</b>		R
	Value Related	Item	
	Time Related	Item	
	<b><u>Dispute Settlement (A40)</u></b>		
40	<p>Disputes Settlement (clause 40)            Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"            Clause 40.6 is amended by removing the reference to:            No clause            Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:            Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs.</p>		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b><u>State Provision (A41)</u></b>		
41	<p>State Substitutions (clause 41)</p> <p>Delete in the Substitute Provisions (41.0 State Clauses) clauses 40.2.1, 40.2.2, 40.3, 40.4, 40.5 and 40.6 and replace with the following:</p> <p>40.1 Should any dispute between the <b>employer</b>, his <b>agents</b> or <b>principal agent</b> on the one hand and the contractors on the other arise out of this <b>agreement</b>, such dispute shall be referred to adjudication.</p> <p>40.2 Adjudication shall be conducted in accordance with the edition of the JBCC Rules for Adjudication current at the time when the dispute is declared. The party, which raises the dispute, shall select three adjudicators from the panel of adjudicators published by the South African</p>		
	<b>Carried Forward</b>		R
	<p>Section No. 1            Bill No. 1            Preliminaries &amp; General  <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		

**Brought Forward**

R

Institution of Civil Engineering or Association of Arbitrators (Southern Africa), determine their hourly fees and confirm that these adjudicators are available to adjudicate the dispute in question. The other party shall then select within 7 days one of the three nominated adjudicators, failing which the chairman for the time being of the Association of Arbitrators (Southern Africa) shall nominate an adjudicator. The **adjudicator** shall be appointed in terms of the Adjudicators Agreement set out in C1.4 .

40.3 If provided in the **schedule**, a dispute shall be finally settled by a single Arbitrator to be agreed on between the parties or, failing such agreement within 28 days after referring the dispute to Arbitration, an Arbitrator nominated by the chairman for the time being of the Association of Arbitrators (Southern Africa). Any such reference shall be deemed to be a submission to the arbitration of a single arbitrator in terms of the Arbitration Act (Act No 42 of 1965, as amended), or any legislation passed in substitution thereof. In the absence of any other agreed procedure, the arbitration shall take place in accordance with the Rules for the Conduct of Arbitrations issued by the Association of Arbitrators (Southern Africa) which are current at the time of the referral to arbitration. The Arbitrator shall, in his award, set out the facts and the provisions of the contract on which his award is based.

40.4 If the **schedule** provides for court proceedings to finally resolve disputes, disputes shall be determined by court proceedings.

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

**Brought Forward**

R

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries & General  
**INDEPENDENT DEVELOPMENT TRUST**

		Brought Forward		R
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b><u>Contract Variables (A41)</u></b>		
42	The Schedule (clause 42) <i>Tenderers are referred to the Contract Data and Notes to Tenderes for variable pertaining to this contract</i>			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b><u>SECTION B: PRELIMINARIES</u></b>		
		<b><u>Definition and interpretation (B1)</u></b>		
43	Definition and interpretation  See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			



**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Time Related	Item	
47	Interests of agents (B2.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
48	Priced documents (B2.5)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
49	Tender submission (B2.6)			
	<i><b>Notwithstanding anything contained in this clause tenders shall be valid for a period of ninety (90) days from the closing date of tenders</b></i>			
	<i><b>Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance C1.1"</b></i>			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>The site (B3)</u></b>			
50	Defined works area (B3.1)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
51	Geotechnical investigation (B3.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
52	Inspection of the site (B3.3)			
	<i><b>Tenderers are instructed to familiarise themselves before submission of their tender with regard to the relevant local site conditions, site accessibility, the nature of operations required, availability of labour and any conditions pertaining thereto, together with conditions relating to unloading, carting and storage of materials, equipment and tools required for the works.</b></i>			
	<i><b>No claims for extras arising from the contractor having failed to comply with this clause will be entertained</b></i>			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
53	Existing premises occupied (B3.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
54	Previous work - dimensional accuracy (B3.5)			
	<i><b>Work executed under a previous contract and the extent thereof will be pointed out to the contractor by the principal agent on handing over of the site</b></i>			
		Fixed	Item	
		Value Related	Item	
		<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Time Related	Item	
55	Previous work - defects (B3.6)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
56	Services - known (B3.7)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
57	Services - unknown (B3.8)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
58	Protection of trees, etc (B3.9)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
59	Articles of value (B3.10)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
60	Inspection of adjoining properties, etc (B3.11)			
		Fixed	Item	
		<b>Carried Forward</b>		R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

	<b>Brought Forward</b>		R
	Value Related	Item	
	Time Related	Item	
	<b><u>Management of contract (B4)</u></b>		
61	Management of the works (B4.1)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
62	Programming for the works (B4.2)		
	Clause B4.2 is hereby amended by the addition of the following:		
	Programme:		
	The contractor and the principal agent shall agree to a Contract Programme for the control of the Works.		
	The contractor shall submit a draft of the Contract Programme and method statement to the principal agent for approval together with the tender.		
	The contractor shall ensure that the contract programme:		
	1. Shall be prepared and drawn up to comply in all respects with the requirements of this Agreement.		
	2. shall be drawn up using logic developed during the tender period and complies with the planning requirements of the Client.		
	3. shall be in accordance with the dates given herein for possession and practical completion; and		
	4. shall be in sufficient and approved detail to ensure effective control of the work, including all items necessary to enable calculations to be made for the distribution of finance during the cashflow analysis.		
	5. shall be accompanied by a full written method statement		
	<b>Carried Forward</b>		R
	Section No. 1		
	Bill No. 1		
	Preliminaries & General		
	<b>INDEPENDENT DEVELOPMENT TRUST</b>		

<p style="text-align: center;"><b>Brought Forward</b></p> <p>The principal agent shall examine and comment on the contract programme and method statement within two weeks of its submission.</p> <p>Following on these comments the contractor shall amend the contract programme and method statement as may be necessary and submit the final contract programme and method statement to the principal agent for approval within a further two weeks thereafter.</p> <p>The contract programme shall be processed by computer and be presented to the principal agent in the form of logic charts and bar charts in such a way as to determine the critical path and the float on non-critical activities. All supporting printouts must be available to the principal agent on demand.</p> <p>The acceptance by the principal agent of the contract programme, or any revision thereof, does not necessarily sanction the accuracy of validity of the network logic, the correctness of individual activities in terms of description or duration, the comprehensiveness of networks or the discrepancies between drawings and any other documents presented by the contractor, and in no way relieves the responsibility of the contractor to comply with the requirements of the Agreement.</p> <p>No policy decisions other than the planning requirements, procedures and policies provided, will be enforced on the contractor regarding construction of the project and the contractor shall be responsible at all times for ensuring the accuracy, validity and reasonableness of programming information.</p> <p>Documentation will not be available in complete detail at the date of award of the contract. Non-availability of information will not be deemed an excuse for non-presentation of programmes. In the event of inadequate information, the contractor shall estimate the predicted time applications on available information and quality the submission accordingly.</p> <p>Development of the contract programme and method statement</p> <p>Within two weeks of award of the contract, the contractor shall submit an updated contract programme and written method statement which shall include the</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1          Bill No. 1          Preliminaries &amp; General  <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	

<p style="text-align: center;"><b>Brought Forward</b></p> <p>latest information in sufficient detail to permit comprehensive monitoring.</p> <p>Progress of the works will be monitored by the principal agent. The contractor shall liaise with the principal agent in order to provide whatever information is required to facilitate such monitoring.</p> <p>Revisions to the contract programme</p> <p>Revisions to the contract programme may be introduced periodically by the contractor subject to compliance with the contract completion and handover dates.</p> <p>Providing the required consultation between the relevant parties has highlighted the implications of the required changes, the programming strategy on the project may be changed and the changes noted and specified on logic charts delivered to the principal agent. The changes to the programme will be recorded as firm and binding once the principal agent has sanctioned the said changes.</p> <p>A revision to the programme will not invalidate the contractual completion dates and applications for extensions of time will be processed by the principal agent in accordance with the conditions of contract.</p> <p>Should the contractor fail to submit a request for revision to the construction programme , progress monitoring shall be based on the latest revised programme sanctioned by the principal agent.</p> <p>The contractor shall make all his necessary revisions on the approved network sheets clearly marking, inter-alia, the logic changes and duration changes. These will then be processed by the necessary parties and then approved in the normal manner.</p> <p>Progress Monitoring</p> <p>The contractor shall provide regular progress reports showing actual and expected progress against the latest contract programme. Progress reports shall be submitted at each site progress meeting and shall outline the progress against key target dates and deviation which has occurred against the most recently updated control programme due to the progress</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	

<p align="center"><b>Brought Forward</b></p> <p>reflected in the as-built construction programme.</p> <p>The status of each activity must also be reported as follows:</p> <p>Target - If the activity is not complete, the latest predicted completion date shall be supplied.</p> <p>Start - If the activity has commenced, the actual date shall be supplied.</p> <p>Finish - If the activity is complete, the actual completion date shall be supplied.</p> <p>Problems which may occur during execution of the contract must be specifically identified in progress reports under a separate section of the contractor's report.</p> <p>Should problems occur during the execution of the contract or the scope of work be increased or decreased, the contractor may be requested to increase the extent or the detail of the programme.</p> <p>The principal agent may recommend action to be taken by the contractor, including the revision of resource levels, but this information will not be binding on the contractor unless the recommendations are enforced in terms of the conditions of contract by the principal agent and will in no way relieve the contractor's responsibility to comply with the requirements of the Agreement.</p> <p>Extension of time</p> <p>Any extension of time which is granted by the principal agent will be annotated to affect selected activities in the programme and the associated activities will be incorporated by revisions to the programme by the contractor. Should the additional activities or the extension of time on existing activities fall on a non-critical area of the programme, extension will be limited to the activities affected by the said additional activities or extensions and the contract dates shall not be affected. If, however, the additional activities fall on the critical path, the principal agent shall take this into account when granting any extension of time in terms of the conditions of contract.</p> <p>The contractor agrees that the contract completion date</p>		<p align="center">R</p>	
<p align="center"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		<p align="center">R</p>	

<p align="center"><b>Brought Forward</b></p> <p>(i.e. the date for practical completion) has been stipulated in the contract for the benefit of the employer, so that, without derogating from the generality of the foregoing principle it is provide that:</p> <ol style="list-style-type: none"> <li>The contractor shall not be entitled to deliver the site and the works to the employer prior to the contract completion date and</li> <li>Should there for any reason be any float period indicated in the contract programme prior to the contractual completion date then this float period shall be utilized to absorb any delays or extensions of time without affecting the contract completion date.</li> <li>The contractor shall, at all times, ensure that, notwithstanding the approval or sanctioning, reviewing or inspection of a programme or any revision of a programme by the principal agent in the foregoing terms, practical completion and completion of the works shall take place strictly in accordance with this Agreement.</li> </ol> <p>A defective or faulty programme, even if so sanctioned, approved, reviewed or inspected by the principal agent, shall therefore not constitute a cause for granting an extension of time for completion of the works or for entitling the contractor to the payment by the employer in terms of the contract of any loss, compensation or damage whatsoever.</p> <p>The contractor acknowledges that the principal agent's foregoing participation in the approval of development of, revisions to and updating of the Contract Programme shall take place in consultation with the principal agent. The contractor shall therefore provide the principal agent with such co-operation and/or information and/or access as they may reasonably require for such purposes.</p> <p align="right">Fixed Value Related Time Related</p> <p align="center"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		<p align="center">R</p>	
		R	

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
63	Progress meetings (B4.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
64	Technical meetings (B4.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
65	Labour and plant records (B4.5)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>Samples, shop drawings and manufacturer's instructions (B5)</u></b>			
66	Samples of materials (B5.1)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
67	Workmanship samples (B5.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
68	Shop drawings (B5.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
69	Compliance with manufacturer's instructions (B5.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>Temporary works and plant (B6)</u></b>			
70	Deposits and fees (B6.1)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
71	Enclosure of the works (B6.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
72	Advertising (B6.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
73	Plant, equipment, sheds and offices (B6.4)			
		Fixed	Item	
		<b>Carried Forward</b>		R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Value Related	Item	
		Time Related	Item	
74	Main notice board (B6.5)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
75	Subcontractors notice board (B6.6)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>Temporary services (B7)</u></b>			
76	Location (B7.1)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
77	Water (B7.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
78	Electricity (B7.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b>Carried Forward</b>		R
Section No. 1				
Bill No. 1				
Preliminaries & General				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>		R
79	Telecommunication facilities (B7.4)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
80	Ablution facilities (B7.5)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b><u>Prime cost amounts (B8)</u></b>		
81	Responsibility for prime cost amounts (B8.1)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b><u>Attendance on nominated and selected subcontractors (B9)</u></b>		
82	General attendance (B9.1)		
	The schedule rates providing for attendance on <b>nominated subcontractors</b> and other <b>contractors</b> , will be adjusted only if the scope of the work has changed		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
83	Special attendance (B9.2)		
	Fixed	Item	
	Value Related	Item	
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>		

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
		Time Related	Item	
84	Commissioning - Fuel, water and electricity (B9.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>Financial aspects (B10)</u></b>			
85	Statutory taxes, duties and levies (B10.1)			
	<i>Provision is made in the summary of these bills of quantities for the inclusion of Value Added Tax (VAT)</i>			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
86	Payment of preliminaries (B10.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
87	Adjustment of preliminaries (B10.3)			
	Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) <b>working days</b> of taking possession of the <b>site</b> " with "when submitting his priced <b>bills of quantities</b> "			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b>Carried Forward</b>			R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>		R
88	Payment certificate cash flow (B10.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<b><u>General (B11)</u></b>			
89	Protection of works (B11.1)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
90	Protection/isolation of existing/sectionally occupied works(B11.2)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
91	Site security (B11.3)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
92	Notice before covering work (B11.4)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
		<b>Carried Forward</b>		R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>			R
93	Disturbance (B11.5)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
94	Enviromental disturbance (B11.6)				
		Fixed	Item		
		Time Related	Item		
		Value Related	Item		
95	Works cleaning and clearing (B11.7)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
96	Vermin (B11.8)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
97	Overhand work (B11.9)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
98	Instruction manuals and guarantees (B11.10)				
		Fixed	Item		
		Value Related	Item		
		<b>Carried Forward</b>			R
	Section No. 1				
	Bill No. 1				
	Preliminaries & General				
	<b>INDEPENDENT DEVELOPMENT TRUST</b>				

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>		R
	Time Related	Item	
99	As built information (B11.11)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
100	Tenant installations (B11.12)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b><u>Schedule of variables (B12)</u></b>		
101	Pre-tender information (B12.1)		
	This <b>schedule</b> contains all variables referred to in this document and is divided into pretender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these <b>Preliminaries</b> .		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b>12.1.1 Provisional bills of quantities (B12.1.1)</b>		
	The quantities are provisional:		
	<b>Yes</b>		
	<b>12.1.2 Availability of construction documentation (B12.1.2)</b>		
	Construction documentation is complete:		
	<b>Yes</b>		
	<b>Carried Forward</b>		R
	Section No. 1		
	Bill No. 1		
	Preliminaries & General		
	<b>INDEPENDENT DEVELOPMENT TRUST</b>		

Brought Forward		R
12.1.3	<b>Interest of agents (B12.1.3)</b>  <p style="text-align: right;"><b>No</b></p>	
12.1.4	<b>Defined works area (B12.1.4)</b>  <i>The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site</i>	
12.1.5	<b>Geotechnical investigation (B12.1.5)</b>  The geotechnical report is available for viewing at the offices of the Principal Agent  <p style="text-align: right;"><b>Yes</b></p>	
12.1.6	<b>Existing premises occupied (B12.1.6)</b>  [3.4] Specific requirements: The contractor shall execute the works with as little noise and disturbance as possible	
12.1.6	<b>Existing premises occupied</b>  [3.4] Specific requirements: The contractor shall execute the works with as little noise and disturbance as possible	
12.1.7	Previous work - Dimensional accuracy (B12.1.7) [3.5] Details: No additional details  <p style="text-align: right;"><b>No</b></p>	
12.1.8	<b>Previous work - defects</b>  [3.6] Details: No additional details	
<b>Carried Forward</b>		R
Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>		

<p style="text-align: center;"><b>Brought Forward</b></p> <p>12.1.9 Services - known (B12.1.9)</p> <p style="text-align: center;"><i>Existing services and points of connection are shown on the site plan and/or will be pointed out on site by the principal agent</i></p> <p>12.1.10 <b>Protection of trees</b></p> <p>[3.9] Specific requirements: No trees to be damaged or removed except those specifically designated in writing by the Architect</p> <p>12.1.11 <b>Inspection of adjoining properties</b></p> <p>[3.11] Specific requirements: None</p> <p>12.1.12 <b>Enclosure of the works</b></p> <p>[6.2] Specific requirements: Areas where work is taking place shall at all times be blocked off by appropriate means</p> <p>12.1.13 <b>Offices</b></p> <p>[6.4.3] Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times.</p>	R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>	R	

<p style="text-align: center;"><b>Brought Forward</b></p> <p><b>12.1.14 Main notice board</b></p> <p>[6.5] Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering.</p> <p><b>12.1.15 Subcontractors' notice board</b></p> <p>[6.6] A notice board is required (yes/no) NO Specific requirements:</p> <p><b>12.1.16 Water</b></p> <p>[7.2] Option A (by contractor) (yes/no) YES</p> <p><b>12.1.17 Electricity</b></p> <p>[7.3] Option A (by contractor) (yes/no) YES</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	

	<b>Brought Forward</b>		R
<b>12.1.18 Telecommunications</b>			
[7.4] Telephone	(yes/no)		
YES			
Facsimile	(yes/no)		
YES			
E-mail	(yes/no)		
YES			
<b>12.1.19 Ablution facilities</b>			
[7.5] Option A (by <b>contractor</b> )	(yes/no)		
YES			
Option B (by <b>employer</b> )	(yes/no)		
NO			
<b>12.1.20 Protection of existing/sectionally occupied works</b>			
[11.2] Protection is required	(yes/no)		
YES			
<b>12.1.21 Special attendance</b>			
<p>The contractor must obtain information from all subcontractors at tender stage regarding special attendance that might be required and make allowance for each and every subcontract that requires special attendance</p>			
[9.2] <b>Subcontractor (1) Details:</b>			
<b>Subcontractor (2) Details:</b>			
<b>Subcontractor (3) Details:</b>			
<b>Carried Forward</b>			R
<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

	<b>Brought Forward</b>			R
	12.1.22 <b>Protection of the works</b>			
	[11.1] Specific requirements: All work that requires protection during construction must be adequately protected up to practical completion by the <b>contractor</b>			
	12.1.23 <b>Disturbance</b>			
	[11.5] Specific requirements: The <b>contractor</b> shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the <b>works</b> all necessary temporary dust screens all to the satisfaction of the <b>principal agent</b>			
	12.1.24 <b>Environmental disturbance</b>			
	[11.6] Specific requirements: None			
102	Post-tender information (B12.2)			
	<b>All post-tender information for this section will be determined once tender is awarded</b>			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
	12.2.1 <b>Payment of preliminaries</b>			
	[10.2] Option A (prorated) (yes/no) YES			
	Option B (calculated) (yes/no) NO			
	<b>Carried Forward</b>			R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

	<b>Brought Forward</b>			R
	12.2.2 <b>Adjustment of preliminaries</b>			
	[10.3] Option A (three categories) (yes/no)			
	YES			
	Option B (detailed breakdown) (yes/no)			
	NO			
	12.2.3 <b>Additional agreed preliminaries items</b>			
	Details:			
	None			
103	Other post tender information (B12.3)			
	<b>All post-tender information for this section will be determined once tender is awarded</b>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>			
	<b>Section C</b> contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item			
104	<b>Clause C1 - Contract drawings</b>			
	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 <b>works</b> and the manner in which they are to be executed			
	Should any part of the drawings not be clearly understood by the the tenderer he shall, before submitting his tender, obtain clarification in writing from the <b>principal agent</b>			
	Fixed	Item		
	Value Related	Item		
	<b>Carried Forward</b>			R
	Section No. 1			
	Bill No. 1			
	Preliminaries & General			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

	<b>Brought Forward</b>		R
	Time Related	Item	
105	<b>Clause C2 - General Preambles</b>		
	The "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the trades is deemed to be included herein and shall be read in conjunction with the bills of quantities and be referred to for the full descriptions of work to be done and materials to be used.		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
106	<b>Clause C3 - Site instructions</b>		
	All site instructions issued on site shall be recorded in writing within seven (7) calendar days in site instruction book (A4 size and triplicate carbon format), which is to be provided and maintained by the contractor. The said site instruction book shall be kept on site at all times for the exclusive use of recording site instructions only		
	Site instructions may be issued by the architect or any of the consultants only. Copies of the site instructions are to be submitted to the architect and quantity surveyor within seven (7) calendar days of such recording in the site instruction book		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>		

	<b>Brought Forward</b>			R
107	<b>Clause C4 - Trade Names</b>			
	Wherever a trade name for any product has been described in the <b>bills of quantities</b> , 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 <b>principal agent</b> 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			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
108	<b>Clause C5 - Overtime</b>			
	Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorized and indicated in writing, prior to the execution thereof, that costs for such overtime will to be borne by the employer			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
109	<b>Clause C6 - As-built drawings</b>			
	The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records			
	Fixed	Item		
	Value Related	Item		
	<b>Carried Forward</b>			R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>		R
	Time Related	Item	
110	<b>Clause C5 - Labour record</b>		
	At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
111	<b>Clause C6 - Plant record</b>		
	At the end of each calendar week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
112	<b>Clause C7 - Non-cession of monies</b>		
	The contractor shall not cede nor assign his rights or claims to any monies due or to become due to him under this contract		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>		

Brought Forward		R
113	<p><b>Clause C8 - Occupational Health and Safety Act</b></p> <p>The <b>contractor</b> shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).</p> <p>It is required of the <b>contractor</b> to thoroughly study the <b>latest</b> Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the <b>bills of quantities / lump sum document</b>.</p> <p>The <b>contractor</b> 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 <b>principal agent</b>, 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 <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.</p> <p>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.</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	<p>Item</p> <p>Item</p> <p>Item</p>
114	<p><b>Clause C9 - Viewing of the school areas</b></p> <p>The <b>site</b> is situated in a school area and the tenderer must arrange with the Principal or other responsible school staff to obtain permission to enter the <b>site</b> for tendering purposes</p> <p style="text-align: right;">Fixed</p>	<p>Item</p>
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		

	<b>Brought Forward</b>		R	
	Value Related	Item		
	Time Related	Item		
115	<p><b>Clause C10 - Commencement of Works in School Areas</b></p> <p>As the <b>works</b> falls within a school area the <b>contractor</b> must give the Principal or other responsible staff member notice before commencement of the <b>works</b>. Should the <b>contractor</b> fail to make such arrangements, admission to the <b>site</b> may be refused and any additional costs will be for the <b>contractor's</b> account</p>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
116	<p><b>Clause C11 - Entrance Permits to School Areas</b></p> <p>As the <b>works</b> falls within a school area the <b>contractor</b> 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 Principal, or chief security officer</p>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

	<b>Brought Forward</b>		R
117	<p><b>Clause C12 - Security Check of Personnel</b></p> <p>The <b>principal agent</b> may require the <b>contractor</b> to have his personnel and workmen, or a certain number of them, security classified</p> <p>In the event of the <b>principal agent</b> requesting the removal of a person or persons from the <b>works</b> for security reasons, the <b>contractor</b> shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the <b>works</b> and the <b>site</b> and/or to any document or information relating to the <b>works</b></p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	<p>Item</p> <p>Item</p> <p>Item</p>	
118	<p><b>Clause C13 - HIV/Aids Awareness</b></p> <p>It is required of the <b>contractor</b> to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the <b>bills of quantities</b>. 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</p> <p>The <b>contractor</b> must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the <b>principal agent</b>, notwithstanding the provisions of Clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p> <p style="text-align: right;">Fixed</p>	<p>Item</p>	
	<b>Carried Forward</b>		R
	<p>Section No. 1 Bill No. 1 Preliminaries &amp; General <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>		R
	Value Related	Item	
	Time Related	Item	
119	<b>Clause C13.1 - Awareness Champion</b>		
	Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
120	<b>Clause C13.2 - Awareness Workshop</b>		
	Selection and appointment of a competent Service Provider approved by the <b>principal agent</b> , 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		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
121	<b>Clause C13.3 - Posters, booklets, videos, etc.</b>		
	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the <b>construction period</b> , all in accordance with the HIV/AIDS Specification		
	Fixed	Item	
	Value Related	Item	
	<b>Carried Forward</b>		R
	Section No. 1 Bill No. 1 Preliminaries & General <b>INDEPENDENT DEVELOPMENT TRUST</b>		

	<b>Brought Forward</b>				
	Time Related		Item		
122	<p><b>Clause C13.4 - Access to Condoms</b></p> <p>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 <b>construction period</b>, all in accordance with the HIV/AIDS Specification</p>				
	Fixed		Item		
	Value Related		Item		
	Time Related		Item		
123	<p><b>Clause C13.5- Monitoring</b></p> <p>Monitoring HIV/AIDS awareness of workers, providing the <b>principal agent</b> with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the <b>construction period</b> and close out, all in accordance with the HIV/AIDS Specification</p>				
	Fixed		Item		
	Value Related		Item		
	Time Related		Item		
	<b>Carried Forward to Summary of Section No. 1</b>				
	Section No. 1				
	Bill No. 1				
	Preliminaries & General				
	<b>INDEPENDENT DEVELOPMENT TRUST</b>				
				R	

Item  
No

Quantity      Rate      Amount

**SECTION NO 1**

**BILL NO.2**

**OCCUPATIONAL HEALTH AND SAFETY**

**PREAMBLES**

The Contractor shall comply with all the requirements Health and Safety Act (Act 85 of 1993) It is required of Specification that must be read together with and is deemed required of the Contractor to thoroughly study these Requirements with and is deemed to be to be incorporated under this Specification

The Contractor must take note that compliance with the Health and Safety Specification is compulsory. In the event of issuing of any progress payment certificate payment until shall not be entitled to any compensation of whatsoever

Provision of pricing of the Occupational Health and Safety requirements of the aforementioned are deemed to be priced

**Note: The file shall be a lever arch with original colour document of acceptable standards. The file will be expanded during the project as and when required by the client.**

**OCCUPATIONAL HEALTH & SAFETY**

**PROGRAMME**

Set up a site and job specific Health and Safety Plan, including

**Carried Forward**

R

Section No. 1  
Bill No. 2  
Occupational Health and Safety  
**INDEPENDENT DEVELOPMENT TRUST**

<b>Brought Forward</b>		R
<u>HEALTH AND SAFETY PERSONNEL</u>		
1	Safety Agent	No 6
2	Copy of Occupational Health and Safety Act (Act 85 of 1988)	Item
3	Induction Training/ Re-induction/Re-fresher	Item
<u>HEALTH AND SAFETY FILE &amp; ADMINISTRATION</u>		
4	Health and safety file	No 1
5	Health and Safety Administration, implementation and maintenance Checklist/Inspection/Internal Audits, Reports, Minutes of meetings	Item
<u>OCCUPATIONAL HEALTH AND SAFETY TRAINING</u>		
6	Construction Health and Safety Supervision	Item
7	Health and Safety Representative Training	Item
8	First Aid Training	Item
9	Fire Fighting Training	Item
10	Incident Investigation/ Incident Management	Item
11	Hazard Identification and Risk Assessment (HIRA)	Item
12	Scaffolding/ Fall Protection Plan	Item
<b>Carried Forward</b>		R
Section No. 1 Bill No. 2 Occupational Health and Safety <b>INDEPENDENT DEVELOPMENT TRUST</b>		

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		Brought Forward		R
		<b><u>FIRST AID/ EMERGENCY</u></b>		
13	First Aid box & refilling during the project		Item	
14	Airtime/ Data (Communication)		Item	
15	Identification Signage		Item	
16	Rescue Equipment and Stretchers		Item	
		<b><u>FIRE PROTECTION</u></b>		
17	Fire Extinguishers	No	2	
18	Fire Extinguishers Maintenance		Item	
		<b><u>FLAMMABLE LIQUIDS STORAGE</u></b>		
19	Storage facilities (steel frame, lockable gate, drip trays)	No	1	
20	Diesel Storage		Item	
		<b><u>SIGNAGE</u></b>		
21	Mandatory - Blue	No	2	
22	Information - Green	No	2	
23	Hazard Warning - Yellow	No	2	
24	Prohibition - Red	No	2	
		Carried Forward		R
Section No. 1				
Bill No. 2				
Occupational Health and Safety				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				





**SECTION SUMMARY - PRELIMINARIES**

<b>Bill No</b>		<b>Page No</b>	<b>Amount</b>
1	Preliminaries & General	55	
2	Occupational Health and Safety	60	
<b>Carried to Final Summary</b>			R
Section No. 1 <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BILL NO. 01</u></b></p> <p><b><u>FOUNDATIONS</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p>For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Backfilling</u></b></p> <p>Fill material shall be placed in lifts of not more than 150mm. Compaction density to be controlled using DCP apparatus to a maximum of 30mm/blow the MOD AASHTO percentage to be achieved will be as stated on the description. Where backfill is required on both sides of walls, backfill both sides simultaneously. Where compaction of fill material behind retaining walls is done using mechanical rollers, the rollers must be kept 500mm away from the wall and this 500mm portion must be compacted with a wacker.</p> <p><b><u>Carting away of excavated material</u></b></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 1 Foundations (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

<b>Brought Forward</b>			R
<b><u>Cost of tests</u></b>			
<p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately)</p>			
<b><u>Formwork</u></b>			
<p>Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before reuse. Formwork to soffits of solid etc. shall be deemed to be slabs not exceeding 250mm thick unless otherwise described. Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p>			
<b><u>EXCAVATION, FILLING, ETC</u></b>			
<u>Excavation in earth not exceeding 2m deep:</u>			
1	Trenches	m3	912
2	Holes	m3	12
<u>Extra over trenches and holes in earth for excavation in:</u>			
3	Soft Rock	m3	46
4	Hard Rock	m3	91
<b>Carried Forward</b>			R
<p>Section No. 2 Bill No. 1 Foundations (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
	<u>Extra over all excavations for carting away</u>		
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	630
	<u>Risk of collapse of excavations</u>		
6	To sides and of trenches and holes excavations not exceeding 1,5m deep	m2	2,366
	<u>Keeping excavations free of water</u>		
7	Keeping excavations free of all water other than subterranean water		Item
	<u>Earth filling obtained from the excavations and compacted to 93% Mod AASHTO density</u>		
8	Under floors, steps, pavings, etc.	m3	259
9	Backfilling to trenches, holes, etc.	m3	141
	<u>Earth filling supplied by the contractor compacted to 93% Mod AASHTO density:</u>		
10	Under floors etc.	m3	78
	<u>Sand bed filling:</u>		
11	50mm Thick layer on floors etc.	m3	86
	<u>Compaction of surfaces:</u>		
12	Compaction of ground surface under floors etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density.	m2	1,725
13	Compaction of ground surface to bottoms of surface trenches including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density.	m2	1,013
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 1			
Foundations (Provisional)			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			





**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
30	230mm Wall	m2	362	
	<b><u>BRICKWORK SUNDRIES</u></b>			
	<u>Brickwork reinforcement</u>			
31	150mm Wide reinforcement built in horizontally	m	5,951	
	<b><u>FACE BRICKWORK</u></b>			
	<u>Face Brickwork 'Silver-gray Travertine' or similar approved in stretcher bond pointed with recessed horizontal and vertical joints:</u>			
32	Extra over brickwork for face brickwork	m2	223	
<b>Carried Forward to Summary of Section No. 2</b>				
Section No. 2				
Bill No. 1				
Foundations (Provisional)				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				
				R

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO.2</u></b></p>			
<p><b><u>BILL NO. 02</u></b></p>			
<p><b><u>CONCRETE, FORMWORK &amp; REINFORCEMENT</u></b></p>			
<p><b><u>PREAMBLES</u></b></p>			
<p>For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Cost of tests</u></b></p>			
<p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately)</p>			
<p><b><u>Formwork</u></b></p>			
<p>Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before reuse.</p>			
<p>Formwork to soffits of solid etc. shall be deemed to be slabs not exceeding 250mm thick unless otherwise described.</p>			
<p align="right"><b>Carried Forward</b></p>			
<p>Section No. 2 Bill No. 2 Concrete, Formwork and Reinforcement <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			
		R	

Brought Forward			R
<p>Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p>			
<b><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>			
<u>20MPa/19mm concrete</u>			
1	Ramps and aprons	m3	125
<b><u>REINFORCED CONCRETE</u></b>			
<u>25MPa/19mm concrete:</u>			
2	Surface beds cast in panels on waterproofing	m3	216
<u>30MPa/20mm concrete</u>			
3	Slabs	m3	46
4	Slabs, including beams and inverted beams	m3	79
<b><u>CONCRETE SUNDRIES</u></b>			
<u>Finishing top surfaces of concrete smooth with a steel trowel:</u>			
5	Surface beds, slabs, etc.	m2	1,725
6	Ramps to falls	m2	206
<b><u>TEST BLOCKS</u></b>			
7	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	55
<b><u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u></b>			
Carried Forward			R
<p>Section No. 2 Bill No. 2 Concrete, Formwork and Reinforcement <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
<u>Rough formwork to:</u>			
8	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	724
9	Soffits of slab	m2	270
<b><u>PERMANENT FORMWORK</u></b>			
<u>Permanent formwork to soffits:</u>			
10	Beams propped up not exceeding 1.5m high	m2	60
11	Beams propped up exceeding 1.5m and not exceeding 3.5m high bearing load	m2	258
12	Form 500mm radius opening in floor slab	No	20
<b><u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u></b>			
<u>Smooth formwork to:</u>			
13	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	88
<b><u>MOVEMENT JOINTS, ETC.</u></b>			
<u>Saw cut joints</u>			
14	5 x 50mm Saw cut joints in top of concrete	m	60
<u>Expansion joints with Bitumen impregnated soft board between vertical concrete and brick surfaces:</u>			
15	12mm Joints not exceeding 300mm high (Provisional)	m	40
<b><u>DIVIDING STRIPS, ETC.</u></b>			
16	6 x 38mm Angle iron step guard cast into concrete with 3 x 6mm anchors	m	60
<b><u>REINFORCEMENT (PROVISIONAL)</u></b>			
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 2			
Concrete, Formwork and Reinforcement			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

		Brought Forward		R
	<u>Fabric reinforcement:</u>			
17	Ref 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	1,725	
<b>Carried Forward to Summary of Section No. 2</b>				R
Section No. 2				
Bill No. 2				
Concrete, Formwork and Reinforcement				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 03</u></b>			
	<b><u>MASONRY</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>BRICKWORK</u></b>			
	<u>Sizes in descriptions</u>			
	Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
	<u>Face bricks</u>			
	Bricks shall be ordered timeously to obtain uniformity in size and colour			
	<u>Pointing</u>			
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.			
	<b><u>SUPERSTRUCTURE</u></b>			
	<u>Brickwork of NFP bricks in class II mortar:</u>			
1	115mm Walls	m2	186	
2	230mm Walls	m2	1,177	
3	285mm Cavity wall	m2	2,825	
4	460mm Cavity wall	m2	529	
	<b>Carried Forward</b>			
	Section No. 2 Bill No. 3 Masonry <b>INDEPENDENT DEVELOPMENT TRUST</b>			R

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
5	115mm Walls in beamfilling	m2	63
6	One brick walls in beamfilling	m2	425
<b><u>BRICKWORK SUNDRIES</u></b>			
<u>Joint forming material in movement joints:</u>			
7	12mm Bitumen impregnated fibre board built in vertically between brick skins not exceeding 300mm wide	m	834
<u>Brickwork reinforcement:</u>			
8	75mm Wide reinforcement built in horizontally	m	300
9	150mm Wide reinforcement built in horizontally	m	9,230
<u>Turning pieces:</u>			
10	230mm Wide turning piece to lintels etc.	m	330
<u>Pre stressed fabricated lintels:</u>			
11	110 x 75mm Lintels in lengths not exceeding 3m	m	41
12	110 x 75mm Lintels in lengths exceeding 7.5m but not exceeding 9m long	m	88
<u>Galvanised wire ties etc:</u>			
13	30 x 1.6mm Roof tie 1200mm long	No	450
14	Butterfly wall ties to cavity walls	m	5,539
<b><u>FACE BRICKWORK</u></b>			
<u>Face Brickwork 'Silver-gray Travertine' or similar approved in stretcher bond pointed with recessed horizontal and vertical joints:</u>			
15	Extra over brickwork for face brickwork	m2	3,350
16	One brick wall faced both sides	m2	218
17	Extra over brickwork for face brickwork in beamfilling	m2	425
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 3			
Masonry			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
	<u>Brick-on-edge header course copings, sills etc. of face bricks pointed with recessed joints on all exposed faces</u>		
18	Brick on edge header course lintel	m	225
19	230mm Brick on edge header course	m	831
20	Fair fitting and cutting around pipe not exceeding 100mm	No	50
21	110mm Wide sill set sloping and slightly projecting	m	151
<b><u>BRICK AND BLOCKWORK</u></b>			
	<u>Natural stonework, cladding etc.</u>		
22	'Master Stone African Red Slate' cladding to walls as per architects specification	m2	1,056
<b><u>FIBRE-CEMENT WINDOW SILLS</u></b>			
	<u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc.</u>		
23	12 x 152mm Wide sills set flat and slightly projecting	m	151
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 3			
Masonry			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 04</u></b>			
	<b><u>WATERPROOFING</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>DAMP-PROOFING OF WALLS AND FLOORS</u></b>			
	<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course:</u>			
1	In walls	m2	3,225	
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape":</u>			
2	Under surface beds	m2	1,725	
	<b><u>JOINT SEALANTS, ETC.</u></b>			
	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc:</u>			
3	Joint sealant between steel window frame and external face brick surround	m	2,625	
	<u>Two part grey poly sulphide sealing compound including backing cord, bond breaker, primer etc.</u>			
4	12 x 20mm In expansion joint in floors including raking out expansion joint filler as necessary	m	830	
	<u>4mm Derbigum SP waterproofing membrane</u>			
5	To slabs and beams	m2	525	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 4			
	Waterproofing			
	<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BILL NO. 05</u></b></p> <p><b><u>ROOF COVERINGS ETC.</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p>For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>General</u></b></p> <p>All roof coverings etc. to be with a covering of Z275 galvanising. All holes to be drilled and not punched</p> <p>Where described as with "Chromadek" finish, all sheets, flashings etc., shall be with "Chromadek" silicone polyester paint for exterior use.</p> <p><b><u>Sizes</u></b></p> <p>All items are measured net unless otherwise described</p> <p><b><u>Flashings, trimming plates, etc.</u></b></p> <p>Prices to include for all cutting and waste and relevant fixing material, unless otherwise described.</p> <p>All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet steel roof covering where applicable.</p> <p>All items are unless otherwise described measured net.</p> <p><b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b></p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 5 Roof Coverings <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
<u>0,58mm ZincAL Kliptite 700 roof sheeting fixed to roof members as described complete under a five year guarantee by an approved firm of specialists, all in accordance with the materials supplied and methods employed by the manufacturer:</u>			
1	Roof covering measured on plan	m2	1,290
2	Raking cutting	m	525
<u>0,8mm Galvanised sheet iron, with "Globalcoat" one side, in:</u>			
3	Standard type FK7 counter flashing	m	165
<b><u>ROOF AND WALL INSULATION</u></b>			
<u>"Insulation"</u>			
4	4mm double-sided aluminium foil insulation laid taut over timber purlins	m2	1,290
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 5			
Roof Coverings			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO.2</u></b></p>			
<p><b><u>BILL NO. 06</u></b></p>			
<p><b><u>CARPENTRY AND JOINERY</u></b></p>			
<p><b><u>PREAMBLES</u></b></p>			
<p>For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><u>Pre-fabricated metal connected timber roof trusses:</u></p>			
<p>All trusses shall be fabricated by an approved truss manufacturer who holds a current certificate of compliance awarded by the Institute for Timber Construction</p>			
<p><u>Timber</u></p>			
<p>Timber for trusses to be South African softwood and shall be in accordance with the grades as defined in SABS Specification No 563 or as defined in SABS Specification No 1460</p>			
<p><u>Bolts</u></p>			
<p>Bolts shall be in accordance with BS 4190 or SABS 135</p>			
<p><u>Shear plates, tooth connectors and split rings</u></p>			
<p>Shear plates, tooth connectors and split rings shall be in accordance with BSS 1759 : 1960 and installed in accordance with the CSIR Publication HOUT 468, "The Design, Manufacturing and Erection of Timber Trusses"</p>			
<p align="right"><b>Carried Forward</b></p>			
<p>Section No. 2 Bill No. 6 Carpentry &amp; Joinery <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			
		R	

<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Washers</u></p> <p>Square or round washers of the following dimensions shall be used with all bolts:</p> <ol style="list-style-type: none"> <li>1. Bolts up to 8mm diameter: Washers shall be minimum 25mm wide of minimum 2,50mm thickness</li> <li>2. Bolts up to 12mm diameter: Washers shall be minimum 36mm wide of minimum 4,00mm thickness</li> <li>3. Bolts up to 20mm diameter: Washers shall be minimum 60mm wide of minimum 5,00mm thickness</li> </ol> <p><u>Metal connector plates</u></p> <p>Metal connector plates shall be fabricated out of not less than 1mm thick drawn quality galvanised steel. The steel shall have a minimum yield strength of 228MPa and a minimum ultimate tensile strength of 330MPa. The corrosion resisting coating shall be not less than 275g/m<sup>2</sup> commercial class hot dipped galvanising as per SABS 934 before stamping. All connector plates shall have been tested by the CSIR and be of a size capable of transmitting the forces between members of a truss without exceeding the design values published in the CSIR report.</p> <p><u>Truss construction</u></p> <p>Trusses shall be constructed in jigs specially designed to ensure the correct profile, overhangs and cambers</p> <p>Where metal connector plates are used all joints are to be close fitted butt joints made by precision pressing of the metal connector plates into each side of the joint.</p> <p><u>Truss design</u></p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with SABS 0163 ("Design of Timber Structures") and Code 0160 ("Loadings")</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 2 Bill No. 6 Carpentry &amp; Joinery <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	

<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Truss spacing</u></p> <p>The truss centres shall be less than or equal to that as described in this bill for each respective truss</p> <p><u>Truss pitch</u></p> <p>The truss pitch shall be as described in this bill for each respective truss type</p> <p><u>Truss loading</u></p> <p>Trusses shall be designed for a live load of 0,50kN/m<sup>2</sup> and dead load as specified under the sub-heading "Specific load specifications for roof trusses"</p> <p><u>Shop drawings, design and erection guarantee certificates</u></p> <p>It will be expected from the Contractor to timeously prepare, submit and obtain the necessary approvals from the Representative/Agent in respect of the required shop drawings, design and erection guarantee certificates as specified</p> <p><u>Dimensions</u></p> <p>All dimensions given in the descriptions of the trusses are nominal and actual measurements are to be obtained by actual measurements taken on the site before design or fabrication commences.</p> <p><u>Erection</u></p> <p>All trusses are to be hoisted and erected strictly in accordance with the procedures and recommendations of the manual "The Erection and Bracing of Timber roof Trusses" as published by the Institute for Timber Construction and the CSIR, or the SABS Code of Practice "The Design, Manufacture and Erection of Timber Roof Trusses", or as designed and detailed by the designer.</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 2                  Bill No. 6                  Carpentry &amp; Joinery  <b>INDEPENDENT DEVELOPMENT TRUST</b></p>		R	

<b>Brought Forward</b>		<b>R</b>	
<u>Design system</u>			
<p>The design system as documented in this bill is based on the "MiTek" system and all references given in the descriptions are related to specific type of trusses based on this design system.</p> <p>However, Contractors are to note that any design system of similar quality may be used subject to the prior written approval of the Representative/Agent.</p>			
<u>Rates</u>			
<p>Tendered rates to include for the complete roof construction, including the design of the roof construction, all timber of required grade and type shown on the design, all cutting and waste, cutting to the exact lengths and end angles to manufacture the respective truss type, supply of all connector plates, fabrication of trusses, checking the completed truss for quality, loading up, transporting to the site of the works and off loading, storing under cover and protecting from the weather, hoisting up in position and erection of the roof truss structure, necessary supervision, submission of all shop drawings, design and erection guarantee certificates etc. as specified</p>			
<b><u>ROOFS, ETC.</u></b>			
<u>Allow for the preparation and submission of the following documents in respect of all buildings:</u>			
1	Detailed shop drawings indicating truss sizes, truss positions, bracings, details, etc. to be submitted for approval prior the commencement of any fabrication	Item	
2	Design certificate indicating the licensed programme used, SABS specifications adhered to, general procedures and loadings adopted, sizes and grading of timber components, details, etc.	Item	
3	Erection guarantee certificate after the whole completed roof truss structure have been inspected, all defective work have been taken out and made good, etc. to the full satisfaction of the Representative/Agent	Item	
<b>Carried Forward</b>			<b>R</b>
Section No. 2 Bill No. 6 Carpentry & Joinery <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		Brought Forward		R
<b><u>ROOF TRUSSES</u></b>				
<u>The following in prefabricated timber roof construction should be of treated timber:</u>				
4	Roof construction to flat roof system overall including trusses, hipped ends, jack rafters, purlins, permanent bracing, etc. measured flat on plan	m2	1,290	
<b><u>ROOF TIMBERS SUNDRIES</u></b>				
5	38 x 150mm Wall plate	m	831	
6	76 x 50mm Beamfill close rail	m	430	
<u>Pergola construction</u>				
7	50 x 152mm CCA treated SA pine rafters to galvanised metal straps (elsewhere measured)	m	268	
8	CCA treated wattle lathe fixed onto treated pine	m	330	
<b><u>SUNDRIES</u></b>				
9	Two coats creosote on sawn timbers	m2	323	
<b><u>SKIRTINGS, DADO RAIL, ETC ETC.</u></b>				
<u>Hardwood timber etc.</u>				
10	50 x 75mm Hardwood timber bearers bolted onto mild steel square tubing	m		
<b><u>DOORS, ETC.</u></b>				
<u>44mm Solid core flush doors with 3mm masonite panels both sides, hung to steel door frames (elsewhere measured):</u>				
11	Door size 813 x 2032mm high - D03	No	20	
12	Door size 900 x 2125mm high - D04	No	10	
13	Door size 1200 x 2032mm high - D06	No	15	
		Carried Forward		R
Section No. 2 Bill No. 6 Carpentry & Joinery <b>INDEPENDENT DEVELOPMENT TRUST</b>				

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R	
14	Garage door size 5650 x 2125mm high - D01	No	5		
<b>Carried Forward to Summary of Section No. 2</b>					R
Section No. 2					
Bill No. 6					
Carpentry & Joinery					
<b>INDEPENDENT DEVELOPMENT TRUST</b>					

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 07</u></b>			
	<b><u>CEILINGS, PARTITIONING &amp; ACCESS FLOORING</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Descriptions:</u></b>			
	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.			
	<b><u>INSULATIONS, ETC.</u></b>			
	<u>135mm Mineral wool insulation blanket closely fitted and laid on top of branderling between roof timbers including lapping, cutting etc.</u>			
1	Insulation blanket	m2	1,290	
	<b><u>NAILED UP CEILINGS, ETC.</u></b>			
	<u>9.5mm Gyproc Saint Gobain suspended plasterboard ceiling (or similar approved) fixed to manufacturer's detail and suspended from timber roof trusses to manufacturer's detail and to Architect's detail</u>			
2	Horizontal ceiling nailed including 38 x 38mm branderling	m2	1,290	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 7 Ceilings, Partitiong and Access Flooring <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

	<b>Brought Forward</b>			R
3	Extra over ceiling for 600 x 600mm hinged pressed metal trap door including all necessary ironmongery	No	40	
	<u>Sawn softwood:</u>			
4	38 x 114mm Ceiling joists	m	831	
5	38 x 38mm Ceiling joists	m	413	
<p align="center"><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2 Bill No. 7 Ceilings, Partitiong and Access Flooring <b>INDEPENDENT DEVELOPMENT TRUST</b></p>				R

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 08</u></b>			
	<b><u>IRONMONGERY</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS - Satin bronze lacquered CP - Chromium Plated SC - Satin Chromium Plated SE - Silver Enamelled GE - Grey Enamelled AS - Anodised Silver AB - Anodised Bronze AG - Anodised Gold ABL - Anodised Black PB - Polished Brass PL - Polished and lacquered PT - Epoxy coated SD - Sanded			
	<b><u>CATCHES, CABIN HOOKS, ETC</u></b>			
1	200mm stainless steel cabin hook and buffers including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged	No	100	
	<b><u>LOCKS</u></b>			
2	Bathroom deadlock stainless steel for end with and including stainless wc indicator with turn knob	No	15	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 8 Ironmongery (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>		R
<b><u>HANDLES, ETC</u></b>		
3	Mortice type multi lever sash lock including three lever handles on rectangular keyhole backplate	No 35
<b><u>SUNDRIES</u></b>		
4	66mm Satin knob cylinders	No 15
5	38mm Diameter door stop plugged	No 50
6	Flush lever bolts	No 35
7	Wall mounted key cabinet plugged to wall.	No 5
8	19mm Diameter chromium plated towel rail 600mm long including end brackets	No 20
9	3 x 75mm aluminium flat section expansion joint cover strip complete	m 270
10	Aluminium U channel to wall expansion joints	m 270
<b><u>BATHROOM FITTINGS</u></b>		
<u>"Franke" or similar approved</u>		
11	304 x 156 x 140,7mm Deep stainless steel toilet roll holders	No 20
12	115 x 340 x 140mm High stainless steel toilet brush holder for wall mounting, with nylon brush, gloss cup, round covers to conceal the fixing of screws, stainless steel screws and dowels	No 20
13	205 x 134 x 305mm High stainless steel sanitary towel disposal bin	No 20
14	Stainless steel soap dispenser to architects specification	No 20
<b>Carried Forward to Summary of Section No. 2</b>		R
Section No. 2		
Bill No. 8		
Ironmongery (Provisional)		
<b>INDEPENDENT DEVELOPMENT TRUST</b>		

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BILL NO. 09</u></b></p> <p><b><u>STRUCTURAL STEELWORK (PROVISIONAL)</u></b></p> <p><b><u>PREAMBLES</u></b></p> <p>For Preambles refer to "Department of Public Works: Specification of material and methods to be used - PW371"</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork.</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.</p> <p><b><u>STEEL COLUMNS AND BEAMS</u></b></p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 9 Structural Steelwork (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>				R
	<u>Welded columns in single lengths with flat section base, top, bearer and connection plates bolted to concrete</u>			
1	100 x 50 x 5mm M/S rectangular hollow columns and rafters fixed to baseplates	t	2.25	
	<u>Steel fixing plates, etc.</u>			
2	200 x 200 x 8mm Thick base plate drilled for bolts and welded to steel columns	No	20	
	<u>Bolts to columns, beams, etc</u>			
3	Drill hole through 2,5mm steel for 10mm diameter bolt	kg	80	
4	M12 Bolt Full thread bolt 30mm with two washers and one nut	kg	40	
<b>Carried Forward to Summary of Section No. 2</b>				
Section No. 2				R
Bill No. 9				
Structural Steelwork (Provisional)				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 10</u></b>			
	<b><u>METALWORK</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	All steel is to receive one coat metal primer before leaving the works of the Manufacturer			
	<b><u>PRESSED STEEL DOOR FRAMES</u></b>			
	Unless otherwise described, door frames are to be suitable for 40mm to 44mm thick doors. Ironmongery, etc. The contractor is referred to the "Ironmongery" for ironmongery fixed to steel linings and no claims whatsoever in connection with the fittings of ironmongery to steel linings will be entertained.			
	<u>1.6mm Single rebated frame with mitred joints, suitable for one brick walls with three heavy duty 100mm flanged brass hinge with nylon washers per door leaf:</u>			
1	Frame for door 813 x 2032mm high	No	20	
2	Frame for door 900 x 2125mm high	No	10	
3	Frame for door 1200 x 2125mm high	No	15	
	<b><u>NATURAL ANODISED ALUMINIUM DOORS, WINDOWS, ETC.</u></b>			
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 10 Metalwork <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
<u>Natural anodised aluminium windows, doors, etc including frames and sub-frames, fixing, silicone sealant all round, ironmongery and glazing with 6,5mm P.V.B faidband laminated safety glass</u>			
4	Window size 300 x 1800mm high - W11 (PC Amount R1 855.00 each delivered to site )	No	5
5	Window size 300 x 2485mm high - W18 (PC Amount R2 460.00 each delivered to site)	No	5
6	Window size 350 x 2400mm high - W15 (PC Amount R2 500.00 each delivered to site)	No	5
7	Window size 410 x 2400mm high - W06 (PC Amount R2 600.00 each delivered to site)	No	5
8	Window size 450 x 1000mm high - W04 (PC Amount R855.00 each delivered to site)	No	5
9	Window size 450 x 2400mm high - W08 (PC Amount R1 785.00 each delivered to site)	No	20
10	Window size 590 x 2200mm high - W03 (PC Amount R1 900.00 each delivered to site)	No	5
11	Window size 600 x 600mm high - W14 (PC Amount R700.00 each delivered to site )	No	10
12	Window size 600 x 2100mm high - W07 (PC Amount R600.00 each delivered to site)	No	5
13	Window size 800 x 1200mm high - W10 (PC Amount R2 230.00 each delivered to site)	No	10
14	Window size 900 x 300mm high - W17 (PC Amount R640.00 each delivered to site)	No	15
15	Window size 900 x 600mm high - W05 (PC Amount R930.00 each delivered to site)	No	5
16	Window size 1200 x 1200mm high - W09 (PC Amount R2 800.00 each delivered to site)	No	5
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 10			
Metalwork			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
17	Window size 1000 x 1800mm high - W12 (PC Amount R3 600.00 each delivered to site)	No	5
18	Window size 1800 x 2485mm high - W02 (PC Amount R3 800.00 each delivered to site)	No	5
19	Window size 1900 x 1800mm high - W01 (PC Amount R6 800.00 each delivered to site)	No	5
20	Window size 2000 x 1200mm high - W16 (PC Amount R2 800.00 each delivered to site)	No	5
21	Window size 2100 x 900mm high - W13 (PC Amount R2 400.00 each delivered to site)	No	5
22	Window size 2800 x 900mm high - W19 (PC Amount R3 000.00 each delivered to site)	No	5
23	Door size 897 x 2465mm high - D05 (PC Amount R3 675.00 each delivered to site)	No	15
24	Door size 900 x 2465mm high - D09 (PC Amount R4 100.00 each delivered to site)	No	5
25	Door size 1800 x 2400mm high - D07 (PC Amount R11 180.00 each delivered to site)	No	15
26	Door size 1800 x 2485mm high - D02 (PC Amount R11 400.00 each delivered to site)	No	5
27	Door size 2200 x 2125mm high - D08 (PC Amount R15 210.00 each delivered to site)	No	5
28	Door size 4150 x 2400mm high - D10 (PC Amount R26 850.00 each delivered to site)	No	5
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 10			
Metalwork			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 11</u></b>			
	<b><u>PLASTERING</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>CEMENT SCREEDS TO CONCRETE</u></b>			
	<u>Screeds steel trowelled on concrete:</u>			
1	30mm Thick on floors	m2	1,725	
2	40mm Thick on top of concrete slabs and beams	m2	380	
3	Average 20mm thick on floors to falls and currents	m2	190	
	<b><u>GRANOLITHIC</u></b>			
	<u>Untinted granolithic on concrete</u>			
4	20mm Thick on floors	m2	165	
	<b><u>INTERNAL PLASTER</u></b>			
	<u>Cement plaster to brickwork:</u>			
5	On internal walls skimmed	m2	4,891	
6	On narrow widths	m2	228	
	<u>Cement plaster to ceilings:</u>			
7	Cement plaster rendering coat with 3mm gypsum skim plaster finishing coat	m2	1,290	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 11 Plastering <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		<b>Brought Forward</b>			R
		<u>One coat cement plaster (3:1) to concrete:</u>			
8		Soffits of concrete slabs	m2	270	
		<b>Carried Forward to Summary of Section No. 2</b>			R
		Section No. 2			
		Bill No. 11			
		Plastering			
		<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 12</u></b>			
	<b><u>TILING</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the architect.			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding.			
	<b><u>WALL TILING</u></b>			
	<u>600 x 600mm Porcelain wall tiles (PC Sum of R350.00 per m2 delivered to site) fixed with an approved tile adhesive to cement plaster (plaster measured elsewhere):</u>			
1	On walls	m2	343	
2	On narrow widths	m2	31	
	<b><u>FLOOR TILING</u></b>			
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 12 Tiling <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
	<u>1200 x 1200mm (PC Sum of R675.00 per m2 delivered to site) non-slip porcelain floor tiles with an approved adhesive on screeds and flush pointed with tinted waterproof jointing compound:</u>		
3	On floors and landings	m2	1,560
4	150mm high skirting of cut porcelain tiles	m	960
	<b><u>SUNDRIES:</u></b>		
	<u>Corner protectors, dividing strips, etc.</u>		
5	Aluminium edge strip on top of cut skirting	m	960
6	Aluminium movement joints with 9mm depth to skimmed gypsum plasterboard ceilings	m	510
7	Aluminium square nosing to doors	m	275
8	3 x 30mm Flat section brass dividing strips between floor finishes	m	175
9	10mm 'Kirk AMJ100' or similar approved expansion joint cover strip fixed to floor tiles	m	830
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 12			
Tiling			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 13</u></b>			
	<b><u>PLUMBING &amp; DRAINAGE (PROVISIONAL)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>SOIL DRAINAGE</u></b>			
1	110mm pipes vertically or ramped to cleaning eyes etc. (no excavation)	m	525	
2	110mm Pipes laid in including trenches not exceeding 1m deep	m	1,315	
	<u>Extra over uPVC pipes for fittings:</u>			
3	110mm Bend	No	40	
4	110mm Junction	No	40	
5	110mm Access junction	No	20	
	<b><u>Pre-cast concrete gulleys:</u></b>			
6	150mm Gulley not exceeding 2000mm deep	No	20	
	<u>Gratings, covers, etc:</u>			
7	110mm Roding eye	No	20	
8	110mm uPVC "ABC" cleaning eye	No	40	
9	100mm ABC cast iron cleaning eye cover	No	20	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
<u>Sundries:</u>			
10	Extra over excavation in earth for pipe trenches, chambers, etc. for excavation in soft rock	m3	5
<b><u>SANITARY FITTINGS</u></b>			
<u>"Giberit" or similar approved</u>			
11	'Acanto' set of wall-hung water closet, shrouded, turboflush with soft closing mechanism and quick release hinges to main bathroom (PC Amount R8 500.00 each delivered to site)	No	5
12	'Smyle' Square set of wall-hung water closet, shrouded, rim free complete with seat, overlapping lid and soft-closing mechanism (PC Amount R5 500.00 each delivered to site)	No	15
13	'Kombifix' element for wall-hung water closet complete with 'Sigma' concealed cistern to bathrooms (PC Amount R3 800.00 each delivered to site)	No	20
14	'Sigma50' actuator plate for dual flush complete with square plates and cover plate to main bathroom (PC Amount R3 655.00 delivered to site)	No	5
15	'Sigma20' actuator plate for dual flush complete with square plate and buttons (PC Amount R1 850.00 each delivered to site)	No	15
16	Square wash hand basin complete with fastening set and bottle trap with dip tube to main bathroom (PC Amount R2 600.00 each delivered to site)	No	15
17	'iCon' hand rinse wash hand basin complete with fastening set and dip tube to guest bathroom (PC Amount R2 500.00 each delivered to site)	No	5
18	'CleanLine20' metal polished shower installation set complete with shower channel to bathrooms (PC Amount R7 850.00 each delivered to site)	No	15
<b><u>WASTE UNIONS ETC.</u></b>			
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 13			
Plumbing and Drainage (Provisional)			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
	<u>'Giberit' or equally approved</u>		
19	Waste outlet with push actuation to main bathroom (PC Amount R750.00 each delivered to site)	No	5
20	Waste outlet with free outlet (PC Amount R1 250.00 each delivered to site)	No	5
21	Waste outlet with push actuation (PC Amount R825.00 each delivered to site)	No	10
	<b><u>TRAP ETC.</u></b>		
	<u>"Marley" or equally approved</u>		
22	32mm 365/40 Bottle trap	No	40
23	40mm 'Flexi' butyl rubber trap with reseal "P" trap	No	20
24	40 x 50mm Deep seal combination "P" or "S" trap	No	40
25	40mm Chrome plated bottle trap with 75mm deep re-seal, adjustable telescopic pipe and 50mm outlet.	No	40
26	'Franke Spazio' plumbing kit with 'P' trap for sink outlet.	No	20
	<b><u>TAPS, VALVES, ETC.</u></b>		
	<u>'Cobra Watertech'</u>		
27	Stella square pattern pillar tap	No	40
28	Angle regulating valve	No	60
29	Wall type stella sink mixer with overarm swivel outlet	No	20
30	15mm Compression type angle regulating valve with 10mm bendable copper outlet tube service connection	No	20
31	15mm MI x FI x 75mm long extension piece with sliding wall flange	No	20
	<b>Carried Forward</b>		R
	Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b>		

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Brought Forward			R
<b><u>SANITARY PLUMBING</u></b>			
<b><u>Soil waste and vent and fitting shall be solvent welded jointed:</u></b>			
<u>uPVC Pipes:</u>			
32	50mm Pipes	m	750
33	50mm Pipes laid under solid floors	m	750
34	110mm Pipes	m	1,250
<u>Extra over uPVC pipes for fittings:</u>			
35	50mm Bend	No	60
36	50mm IE Bend	No	60
37	50mm Vent valve	No	40
38	110mm Access bend	No	40
39	110mm Access junction	No	20
40	110mm Reducing junction	No	20
41	110mm GI Two way vent valve	No	30
42	110mm IE Bend	No	30
43	110mm Pan Connector	No	30
<b><u>WATER SUPPLIES</u></b>			
<u>HDPE pressure pipes class 12:</u>			
44	25mm Pipes laid in and including trenches not exceeding 1m deep	m	425
45	35mm Pipes laid in and including trenches not exceeding 1m deep	m	510
Carried Forward			R
Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional) <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

		Brought Forward		R
		<u>Extra over HDPE pressure pipes for "plascon" fittings:</u>		
46	25mm Copper elbow adaptor	No	40	
47	35mm Copper elbow adaptor	No	30	
		<u>CLASS O copper pipes:</u>		
48	15mm Pipes	m	425	
49	22mm Pipes	m	325	
		<u>Extra over class 0 copper pipes for capillary fittings:</u>		
50	15mm Fittings	No	30	
51	22mm Fittings	No	20	
		<b><u>TESTING</u></b>		
52	Testing water supply system		Item	
		<b>Carried Forward to Summary of Section No. 2</b>		R
Section No. 2				
Bill No. 13				
Plumbing and Drainage (Provisional)				
<b>INDEPENDENT DEVELOPMENT TRUST</b>				



**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 15</u></b>			
	<b><u>PAINTWORK</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles see "Construction Works: Specification; General specification (PW371-A) Edition 2.0"			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	Where described as "prepare, etc. as specified", the full specification for all painting application, primers, undercoats, preparation, etc. are to be strictly in accordance with the relevant Manufacturers' Specification and prices must allow therefore			
	<b><u>PAINT ON NEW WORKS</u></b>			
	<b><u>ON PLASTERED WALLS</u></b>			
	<u>Prepare, stop and apply one coat alkali plaster primer and two coats "Plascon Velvaglo" non drip enamel paint:</u>			
1	Internal plastered walls	m2	4,890	
	<u>Prepare, stop and apply one coat alkali plaster primer and two coats "Plascon Wall and All" acrylic emulsion paint:</u>			
2	Externally Plastered Walls	m2	381	
	<b><u>ON FACED BRICKWALL</u></b>			
	<u>Prepare and apply two coats approved face brick dressing:</u>			
3	External face bricks	m2	3,350	
	<b><u>ON ASBESTOS CEMENT, ETC.</u></b>			
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 15 Paintwork <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>			R
	<u>Prepare and apply one coat alkali plaster primer and two coats "Plascon Polvin' super acrylic pva paint on:</u>		
4	Ceilings	m2	1,290
	<u>Prepare and apply one coat alkali plaster primer and two coats water based enamel paint on:</u>		
5	Sills not exceeding 300mm girth	m	325
	<b><u>ON METAL</u></b>		
	<u>Prepare, touch up factory primer and apply one coat universal undercoat and two full coats "Plascon" high gloss enamel paint:</u>		
6	Pressed steel door frames	m2	165
	<b><u>ON WOOD</u></b>		
	<u>One coat wood primer, one coat universal undercoat and two coats "Plascon Velvagio" non drip enamel paint:</u>		
7	General surfaces of doors	m2	175
8	On cornices etc.	m	955
	<u>Three coats polyurethane suede varnish:</u>		
9	General surfaces of doors	m2	175
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 15			
Paintwork			
<b>INDEPENDENT DEVELOPMENT TRUST</b>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

**SECTION SUMMARY - BUILDING WORKS**

Bill No		Page No	Amount
1	Foundations (Provisional)	67	
2	Concrete, Formwork and Reinforcement	71	
3	Masonry	74	
4	Waterproofing	75	
5	Roof Coverings	77	
6	Carpentry & Joinery	83	
7	Ceilings, Partitiong and Access Flooring	85	
8	Ironmongery (Provisional)	87	
9	Structural Steelwork (Provisional)	89	
10	Metalwork	92	
11	Plastering	94	
12	Tiling	96	
13	Plumbing and Drainage (Provisional)	101	
14	Glazing	102	
15	Paintwork	104	
	<b>Carried to Final Summary</b>		
	Section No. 2		
	<b>INDEPENDENT DEVELOPMENT TRUST</b>		R

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Item No		Quantity	Rate	Amount
1	ELECTRICAL MECHANICAL WORKS	Item		
	<b>Carried to Final Summary</b>			R
	Section No. 3 Bill No. 1 Electrical Mechanical Works <b>INDEPENDENT DEVELOPMENT TRUST</b>			

**Item  
No**

**Quantity**

**Rate**

**Amount**

**SECTION NO. 5**

**BILL NO.1**

**PROVISIONAL SUMS**

For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades

**SUPPLEMENTARY PREAMBLES**

NOTE: Tenderers are referred to the definition of general attendance on nominated sub-contractors given in Clause 9 of the Preliminaries

NOTE: Under no circumstances may any Prime Cost - Provisional Amount, etc be extended at an amount lower than the amount given in the Bill

**Carried Forward**

R

Section No. 4

Bill No. 1

Provisional Sums

**INDEPENDENT DEVELOPMENT TRUST**

<b>Brought Forward</b>		<b>R</b>	
<p>THE FOLLOWING PROVISIONAL SUMS ARE FOR WORK TO BE EXECUTED BY SELECTED SUBCONTRACTORS</p> <p>The following Provisional Sums are for specialists work to be executed by a selected Sub-contractor who upon appointment in terms of the Conditions of Contract shall be deemed to be a Domestic Sub-Contractor to the Contractor</p> <p>A Selected Sub-Contractor shall be a Sub-contractor executing work for which a sum of money is provided for in the Bills of Quantities or a Sub-contractor executing additional specialist work which arises as a result of an instruction by the Principal Agent/Engineer</p> <p>Tender documents for such work shall be prepared by the Principal Agent/Engineer in consultation with and to the approval of the Contractor and such tender document shall be issued by the Principal Agent/Engineer to a list of tenderers agreed upon between the Principal Agent/Engineer and Contractor. Tenders shall be submitted to the Principal Agent/Engineer</p> <p>The Selected Sub-contractor shall be chosen by the Principal Agent/Engineer and the Contractor, and the Contractor shall satisfy himself that such selected sub-contractor can meet the requirements of the Sub-Contract agreement and the Contractor shall inform the Principal Agent/Engineer accordingly</p> <p>The procedure relating to the method of selection, obtaining of tenders, adjudication thereof and the appointment of the Selected Sub-contractor shall not create any contractual relationship between the Client and the Selected Sub-contractor</p>			
<b><u>LANDSCAPING AND IRRIGATION</u></b>			
1	Provide the sum of R3 750 000.00 (Three million seven hundred and fifty thousand for landscaping and irrigation.	Item	3,750,000.00
2	Allow for profit on above if required	Item	
3	Allow for general attendance	Item	
<b>Carried Forward</b>			<b>R</b>
<p>Section No. 4 Bill No. 1 Provisional Sums <b>INDEPENDENT DEVELOPMENT TRUST</b></p>			

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

<b>Brought Forward</b>		R
<b><u>JOINERY FITTINGS</u></b>		
4	Provide the sum of R1 000 000.00 (One million rand) for joinery fittings	1,000,000.00
5	Allow for profit on above if required	
6	Allow for general attendance	
<b><u>COMMUNITY LIAISON OFFICER</u></b>		
7	Provide the sum of R135 000.00 (One hundred and thirty five thousand rand for community liaison officer - R7 500.00 per month	135,000.00
8	Allow for profit on above if required	
9	Allow for general attendance	
<b><u>CIDB BUILD PROGRAMME</u></b>		
10	Provide the sum of R150 000.00 (One Hundred and fifty thousand rand) for the CIDB BUILD Programme	150,000.00
11	Allow for profit on the above item	
12	Allow for general attendance	
<b>Carried to Final Summary</b>		R
Section No. 4		
Bill No. 1		
Provisional Sums		
<b>INDEPENDENT DEVELOPMENT TRUST</b>		

**PARLIAMENTARY VILLAGE - CLUSTER 2  
CONSTRUCTION OF 15 MPL HOUSES**

Section No		Page No	Amount
	<b><u>FINAL SUMMARY</u></b>		
1	PRELIMINARIES	61	
2	BUILDING WORKS	105	
3	ELECTRICAL MECHANICAL WORKS	106	
4	PROVISIONAL SUMS	109	
	Sub Total 1		R
	<b><u>CONTINGENCIES</u></b>		
	Provide 5% allowance of Sub-Total (1) for contingencies to be used at the discretion of the Principal Agent or deducted in whole or part if not required.	%	
	<b><u>ESCALATION</u></b>		
	Provide 3% allowance of Sub-Total (1) for price escalation to be used at the discretion of the Principal Agent or deducted in whole or part if not required.	%	
	Sub Total 2		R
	<u>ADD:</u>		
	Value Added Tax 15%		R
	<b>Carried to Form of Tender</b>		R
	<b>INDEPENDENT DEVELOPMENT TRUST</b>		