

Item No	<b><u>BILL NO. 1</u></b>	Quantity	Amount
	<b><u>PRELIMINARIES</u></b>		
	<b><u>NOTES</u></b>		
	<p>i) The <b>agreement</b> is to be the JBCC Series 2000 Principal Building Agreement, March 2005 Edition 4.1, and other contract documents that together form the contract between the employer and contractor.</p> <p>ii) The <b>preliminaries</b> are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, January 2003 edition and shall be deemed to be incorporated herein</p> <p>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</p> <p>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</p> <p>v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")</p> <p>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</p> <p style="text-align: center;">-----</p>		
	<b><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></b>		
	<b>Definitions (A1)</b>		
1	Definitions and interpretation (clause 1)F:..... V:..... T:.....	Item	
	<b>Objective and Preparation (A2)</b>		
2	Offer acceptance and performance (clause 2)F:..... V:..... T:.....	Item	
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**Preparation (A3-A14)**

3	Documents (clause 3)F:..... V:..... T:.....	Item
4	Design responsibility (clause 4)F:..... V:..... T:.....	Item
5	Employer's agents (clause 5)F:..... V:..... T:.....	Item
6	Site representative (clause 6)F:..... V:..... T:.....	Item
7	Compliance with regulations (clause 7)F:..... V:..... T:.....	Item
8	Works risk (clause 8)F:..... V:..... T:.....	Item
9	Indemnities (clause 9)F:..... V:..... T:.....	Item
10	Works insurances (clause 10) F:..... V:..... T:.....	Item
11	Liability insurances (clause 11)F:..... V:..... T:.....	Item
12	Effecting insurance (clause 12)F:..... V:..... T:.....	Item
13	State Provisions (clause 13) F:..... V:..... T:.....	Item
14	Security (clause 14)F:..... V:..... T:.....	Item

**Execution (A15-A23)**

15	Preparation for and execution of the works (clause 15) fixed F:..... V:..... T:.....	Item
16	Access to the works (clause 16)F:..... V:..... T:.....	Item
17	Contract instructions (clause 17)F:..... V:..... T:.....	Item

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32	Adjustment to the contract value (clause 32)F:..... V:..... T:.....	Item	
33	Recovery of expense and loss (clause 33)F:..... V:..... T:.....	Item	
34	Final account and final payment (clause 34)F:..... V:..... T:.....	Item	
35	Payment to other parties (clause 35) F:..... V:..... T:.....	Item	
<b>Cancellation (A36-A39)</b>			
36	Cancellation by employer - contractor's default (clause 36)F:..... V:..... T:.....	Item	
37	Cancellation by employer - loss and damage (clause 37)F:..... V:..... T:.....	Item	
38	Cancellation by contractor - employer's default (clause 38)F:..... V:..... T:.....	Item	
39	Cancellation - cessation of the works (clause 39)F:..... V:..... T:.....	Item	
<b>Dispute (A40)</b>			
40	Dispute Settlement (clause 40) F:..... V:..... T:.....	Item	
<b>Contract variables (A41)</b>			
<b>THE SCHEDULE</b>			
Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder			
41	Pre-tender information (clause 41) F:..... V:..... T:.....	Item	
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**41.1 CONTRACTING AND OTHER PARTIES**

41.1.1

Employer:

Johannesburg Property Company

Postal address:

PO Box 31565

Braamfontein

Code 2017

Tel 010 219 9000

Fax .....

E-mail

Physical Address:

Braamfontein Centre

23 Jorissen Street

Johannesburg

Gauteng

41.1.2

Principal Agent:

Code

Tel

Fax .....

E-mail

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42 41.1.3  
Agents service: Architect  
Code  
Tel  
Fax .....

41.1.4  
Agents service: Quantity Surveyor  
Postal address:

43 Code  
Tel  
Fax  
E-mail

41.1.4  
Agents service: Structural Engineer  
Postal address:

Code  
Tel  
Fax

44 E-mail

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**41.2 CONTRACT DETAILS**

41.2.1 Works Description:

Refurbishment and upgrades to Fordsburg Market Stalls Phase 2

41.2.2 Site Description:

Brownfield site on Mint Road, Fordsburg

41.2.3 Work or installations by direct contractors:

N/A.....  
.....  
.....

41.2.4 This agreement is for a government contract:

Yes

41.2.5 Date on which possession of the site is intended to be given:

TBA

41.2.6 Period for the commencement of the works after the contractor takes possession of the site

2 working days

41.2.7 Intended date of practical completion and the penalty per calendar day for the works **as a whole**

Practical Completion date TBA

Penalty Amount R1 500.00 per calendar day

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41.2.8 Intended date of practical completion and the penalty per calendar day for the works in **sections**: N/A

**Section 1**

..... *Date*

R. .... *Penalty Amount*

**Section 2**

..... *Date*

R. .... *Penalty Amount*

**Section 3**

..... *Date*

R. .... *Penalty Amount*

**Section 4**

..... *Date*

R. .... *Penalty Amount*

41.2.9 The law applicable to this agreement shall be that of  
The Republic of South Africa

**41.3 INSURANCES**

41.3.1 Contract works insurance to be effected by:

*Contractor:*

*For the Sum of R 1 000 000.00*

*With a deductible of of R.....*

41.3.2 Supplementary insurance is required

*No*

41.3.3 Public liability insurance to be effected by:

*Contractor*

*For the Sum of R 2 000 000.00*

*With a deductible of of R.....*

**41.4 DOCUMENTS**

41.4.1 Waiver of **contractors lien** or right of continuing possession is required

*Yes*

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41.4.2 Number of construction document copies to be supplied to the **contractor** free of charge:

*Two Number*

41.4.3 **Bills of Quantities/Lump sum document** schedule of rates drawn up in accordance with:

Standard System for Measuring Building Work 6th Edition

41.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within **working days**

5

41.4.5 JBCC Engineering General Conditions are to be included in the **contract documents**:

*No*

41.4.6 The contract value is to be adjusted using escalation adjustment indices

*No*

Where **JBCC CPAP** is to be used

*Base Month - N/A*

41.4.7 Details of changes made to the provision of JBCC standard documentation:  
*[An addendum is to be attached should the space provided be insufficient]*

....N/A.....

.....

.....

.....

.....

**SECTION B: PRELIMINARIES**

**Definition and interpretation (B1)**

45 Definition and interpretation (B1.1 - B1.6.5)F:.....  
V:..... T:.....

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<b>Documents (B2)</b>			
46	Checking of documents (B2.1)F:..... V:..... T:.....	Item	
47	Provisional bills of quantities (B2.2)F:..... V:..... T:.....	Item	
48	Availability of construction documentation (B2.3) F:..... V:..... T:.....	Item	
49	Interests of agents (B2.4)F:..... V:..... T:.....	Item	
50	Priced documents (B2.5)F:..... V:..... T:.....	Item	
51	Tender submission (B2.6)F:..... V:..... T:.....	Item	
<b>The site (B3)</b>			
52	Defined works area (B3.1)F:..... V:..... T:.....	Item	
53	Geotechnical investigation (B3.2)F:..... V:..... T:.....	Item	
54	Inspection of the site (B3.3)F:..... V:..... T:.....	Item	
55	Existing premises occupied (B3.4)F:..... V:..... T:.....	Item	
56	Previous work - dimensional accuracy (B3.5)F:..... V:..... T:.....	Item	
57	Previous work - defects (B3.6)F:..... V:..... T:.....	Item	
58	Services - known (B3.7)F:..... V:..... T:.....	Item	
59	Services - unknown (B3.8)F:..... V:..... T:.....	Item	
60	Protection of trees etc (B3.9)F:..... V:..... T:.....	Item	
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<b>Temporary services (B7)</b>			
76	Location (B7.1)F:..... V:..... T:.....	Item	
77	Water (B7.2) <b>Alternative A shall apply</b> F:..... V:..... T:.....	Item	
78	Electricity (B7.3) <b>Alternative A shall apply</b> F:..... V:..... T:.....	Item	
79	Telecommunication equipment (B7.4) <b>Alternative A shall apply</b> F:..... V:..... T:.....	Item	
80	Ablution facilities (B7.5) <b>Alternative A shall apply</b> F:..... V:..... T:.....	Item	
<b>Prime cost amounts (B8)</b>			
81	Responsibility for prime cost amounts (B8.1)F:..... V:..... T:.....	Item	
<b>Attendance on N/S Subcontractors (B9)</b>			
82	General attendance (B9.1)F:..... V:..... T:.....	Item	
83	Special attendance (B9.2)F:..... V:..... T:.....	Item	
84	Commissioning - Fuel, water and power (B9.3)F:..... V:..... T:.....	Item	
<b>Financial aspects (B10)</b>			
	Statutory taxes, duties and levies (B10.1)F:..... V:..... T:.....	Item	
85	Payment of preliminaries (B10.2) <b>Alternative A shall apply</b> F:..... V:..... T:.....	Item	
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86	Adjustment of preliminaries (B10.3)F:..... V:..... T:.....		Item
87	Payment certificate cash flow (B10.4)F:..... V:..... T:.....		Item
<b>General (B11)</b>			
88	Protection of works (B11.1)F:..... V:..... T:.....		Item
89	Protection/isolation of existing/sectionally occupied works (B11.2)F:..... V:..... T:.....		Item
90	Site security (B11.3)F:..... V:..... T:.....		Item
91	Notice before covering work (B11.4)F:..... V:..... T:.....		Item
92	Disturbance (B11.5)F:..... V:..... T:.....		Item
93	Works cleaning and clearing (B11.6)F:..... V:..... T:.....		Item
94	Vermin (B11.7)F:..... V:..... T:.....		Item
<b>Schedule of variables (B12)</b>			
95	Pre-tender information (B12.1)F:..... V:..... T:.....		Item
12.1.1	Provisional bills of quantities (B2.2) The quantities are provisional:	Yes	
12.1.2	Availability of construction documentation (B2.3) Construction documentation is not complete	Yes	
12.1.3	Interest of agents (B2.4)  .....  .....  .....		
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12.1.4 Defined works area (B3.1)

.....  
.....  
.....

12.1.5 Geotechnical investigation (B3.2)

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.....  
.....

12.1.6 Existing premises occupied (B3.4)

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12.1.7 Services - known (B3.7)

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12.1.8 Protection of trees (B3.9)

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12.1.9 Inspection of adjoining properties (B3.11)

.....  
.....  
.....

12.1.10 Enclosure of the works (B6.2)

.....  
.....  
.....

12.1.11 Offices (B6.4.3)

.....  
.....  
.....

12.1.12 Main notice board (B6.5)

.....  
.....  
.....

12.1.13 Subcontractors notice board (B6.6)  
A notice board is required

No

12.1.14 Water (B7.2)  
Alternative Selected: B

12.1.15 Electricity (B7.3)  
Alternative selected: B

12.1.16 Telecommunications (B7.4)  
Alternative selected: A

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12.1.17 Ablution facilities (B7.5)  
Alternative selected: B

12.1.8 Special attendance (B9.2)

Subcontractor (1) details:

.....  
.....  
.....

12.1.19 Protection of the works (B11.1)

.....  
.....  
.....

12.1.20 Protection of existing/sectionally occupied works (B11.2)  
Protection is required

Yes

12.1.21 Disturbance (B11.5)

.....  
.....  
.....

96 Post tender information (B12.2)F:..... V:.....  
T:.....

Item

12.2.1 Payment of preliminaries  
Alternative selected: A

12.2.2 Adjustment of preliminaries  
Alternative selected: A

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**SECTION C: SPECIFIC PRELIMINARIES**

97 **PROPRIETARY BRANDED PRODUCTS**

The contractor shall take delivery of, handle, store, use apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instruction after consultation with the manufacturer's authorised representative

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

Item

98 **OVERTIME**

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 authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.

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

Item

99 **AS BUILT DRAWINGS**

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.

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

Item

100 **SITE INSTRUCTIONS**

Site instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor

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

Item

101 **LABOUR RECORD**

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.

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

Item

102 **PLANT RECORD**

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

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

Item

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**NON CESSION OF MONIES**

The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract

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

Item

104

**OCCUPATIONAL HEALTH AND SAFETY**

The contractor shall adhere to the Occupational Health & Safety Act regulating safety on site. A safety plan should be in place and a qualified safety officer on site ensuring adherence.

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

Item

PROFESSIONAL FEES

105

**ARCHITECTURAL FEES**

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

Item

106

**QUANTITY SURVEYING FEES**

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

Item

107

**CIVIL ENGINEERING FEES**

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

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Item No	<b><u>BILL NO. 1</u></b>	Quantity	Rate	Amount
	<b><u>ALTERATIONS</u></b>			
	<b><u>PREAMBLES</u></b>			
	<b>Generally</b>			
	It is strongly recommended that Tenderers undertake a detailed inspection of the existing building in order to acquaint themselves with the nature and singular requirements of the work falling within the scope of this contract.			
	The Contractor will be held liable for any damage, injury or loss that may result from inadequate precautions being taken in this regard. At all times and in all respects, the existing services and function of the existing services of the existing works are to be fully maintained and kept operational			
	The Contractor will be held solely responsible for injury to persons or damage to property caused by his employees throughout the duration of the Contract, and will be required to make good, at his own expense, any damage for which he may be held responsible			
	<b><u>Old material to be carted away</u></b>			
	Old materials from the alterations, except where described to be re-used or handed over, as well as all rubbish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site			
	<b><u>REMOVAL OF EXISTING WORK</u></b>			
	<b>Demolish</b>			
1	Take down and remove existing steel roof structure and cart away.	Item		
2	Break up and remove existing decking and beams.	m2	35	
3	Demolish and remove existing train stalls extension and cart away.	m2	361	
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	<b>ALTERATIONS (PROVISIONAL)</b>			
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	<b>Taking out and removing ceilings, roofing, etc and prepare to receive new</b>				
4	Existing sheet iron roof covering on timber/steel trusses.	m2	607		
5	Existing sheet iron roof covering vertically to back of trains	m2	86		
6	Existing ceiling	m2	110		
7	Existing awning 4270 x 860mm	No	4		
	<b>Repair roof timbers</b>				
8	Repairs to existing timber roof construction.	m2	57		
	<b>Taking up and removing floor finishes and prepare to receive new</b>				
9	Ceramic tiles including preparing screed with Pavelite	m2	290		
	<b>Taking up and removing wall finishes and prepare to receive new</b>				
10	Ceramic tiles	m2	216		
	<b>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes</b>				
11	Cast iron drainage pipes including breaking, excavating, making good and preparing to receive new	m	50		
12	Existing wash hand basin complete with all accessories	No	5		
13	Existing vitreous china low level washdown suite complete with cistern	No	6		
14	Existing vitreous china urinal complete	No	3		
15	Existing sink	No	2		
16	Existing geyser	No	1		
17	Existing fire hydrant	No	1		
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	<b>ALTERATIONS (PROVISIONAL)</b>				
	<i>Fordsburg Market Stalls Phase 2</i>				

	<b>Taking down and removing ironmongery and prepare to receive new</b>				
18	Hand dryer	No	2		
19	Soap dispenser	No	2		
	<b>Take up, set aside and relay paving</b>				
20	Paving bricks	m2	40		
	<b>Taking down and removing doors, windows, etc from brickwork or partitions to be demolished complete with all lintels, cills ironmongery, door closers, etc.</b>				
21	Timber single door and frame not exceeding 2,5m2	No	7		
	<b>Taking down and removing steel/aluminium doors, windows, etc from brickwork or partitions to be demolished complete with all lintels, cills ironmongery, door closers, etc.</b>				
22	Glazed sliding aluminium door and frame	No	9		
23	Shopfronts to train stalls	No	8		
	<b>Take down and remove</b>				
24	Existing shelves	m	30		
	<b>Electrical Relocation</b>				
25	Strip, relocate and strip existing lighting and power installation			Item	
	<b><u>MAKING GOOD OF FINISHES. ETC.</u></b>				
	<b>Making good cement plaster with mesh fence</b>				
26	Plastered walls in patches	m2	360		
	<b><u>SUNDRY ITEMS</u></b>				
	<b>Rubble Removal</b>				
27	Cart away demolitions rubble	TrkLd	20		
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	<b>ALTERATIONS (PROVISIONAL)</b>				
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**Municipal Compliance**

28 Wayleave application for storage and hoarding

Item

29 Building Plan Approval application

Item

**CLEANING AND FUMIGATION**

**Deep Cleaning**

30 Deep cleaning of trains and train stalls including disinfection

m2

362

**Fumigation**

31 Fumigation of trains and train stalls

m2

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**ALTERATIONS (PROVISIONAL)**  
*Fordsburg Market Stalls Phase 2*

**Section No. 2**

**BUILDINGS**

**Bill No. 1**

**ALTERATIONS (PROVISIONAL)**

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**ALTERATIONS (PROVISIONAL)**

*Fordsburg Market Stalls Phase 2*



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	<b><u>BILL NO. 2</u></b>			
	<b><u>EARTHWORKS, ETC.</u></b>			
	<b><u>FOUNDATIONS (PROVISIONAL)</u></b>			
	<b><u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u></b>			
	<b>Excavate in compacted pickable material as defined not exceeding 2m deep</b>			
1	Excavate for surface trenches.	m3	29	
2	Excavate for holes	m3	12	
	<b>Extra over bulk excavation in earth for excavation in</b>			
3	Soft rock	m3	4	
4	Hard rock	m3	2	
	<b>Extra over all excavations for carting away</b>			
5	Extra over all excavations for carting away excavated material as described (Contractor to allow for bulking).	m3	24	
6	Allow for the risk of collapse to sides of excavation from ground level not exceeding 1,5 m deep.	m2	130	
7	Allow for keeping excavations free of water and mud by pumping or bailing.		Item	
	<b>Earth filling obtained from the excavations and/or prescribed stock piles on site including haulage approximately 100m from perimeter of excavations or stock piles (not compacted)</b>			
8	Backfilling to trenches, holes, etc	m3	17	
	<b><u>SOIL POISONING</u></b>			
9	Saturate ground under solid floors, bottom of foundation trenches, etc.	m2	62	
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	<b>EARTHWORKS</b>			
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10	Saturate sides of foundation trenches and holes, etc.	m2	130		
<b><u>HOARDING AND GANTRY</u></b>					
<b>Hoarding</b>					
11	Hoarding to roadside	m	20		

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Section No. 2  
 Bill No. 2  
**EARTHWORKS**  
*Fordsburg Market Stalls Phase 2*

**Section No. 2**

**BUILDINGS**

**Bill No. 2**

**EARTHWORKS**

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**Section No. 2**

**Bill No. 2**

**EARTHWORKS**

*Fordsburg Market Stalls Phase 2*

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO. 3</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></b></p> <p>For preambles see "Model Preambles for Trades"</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>Cost of tests The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G 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 and to the approval of the architect. (Test cubes are measured separately)</p> <p>Formwork Descriptions 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 re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.</p> <p>Formwork to soffits of (solid) slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p> <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> <p><b><u>FOUNDATIONS</u></b></p> <p style="text-align: right;"><b>Carried to Collection</b></p> <p><b>Section No. 2</b>  <b>Bill No. 3</b>  <b>CONCRETE, FORMWORK AND REINFORCEMENT</b>  <i>Fordsburg Market Stalls Phase 2</i></p>			<p style="text-align: right;">R</p>

**REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**25MPa/19mm concrete**

1	Strip footings	m3	15
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**30MPa/19mm concrete**

2	Bases	m3	6
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**SUPERSTRUCTURE**

**REINFORCED CONCRETE**

**30MPa/19mm concrete in**

3	Concrete stairs including all formwork, lintols, etc supplied and installed complete	m2	13
---	--	----	----

4	Slabs	m3	116
---	-------	----	-----

**TEST CUBES**

5	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	18
---	---	----	----

**MOVEMENT JOINTS ETC**

**Expansion joints with softboard between vertical concrete and brick surfaces**

6	10mm Joints not exceeding 300mm high along edges of surface beds	m	144
---	--	---	-----

**REINFORCEMENT**

**Mild steel deformed reinforcement bars to structural concrete work**

7	16mm Diameter bars	t	2.75
---	--------------------	---	------

8	12mm Diameter bars	t	4.25
---	--------------------	---	------

9	10mm Diameter bars	t	6.72
---	--------------------	---	------

**CONCRETE SUNDRIES**

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**Bill No. 3**

**CONCRETE, FORMWORK AND REINFORCEMENT**

**Fordsburg Market Stalls Phase 2**

**Curing surfaces of concrete**

10	Horizontal top surfaces.	m2	35		
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**FORMWORK**

**Rough Formwork to Soffits of**

11	Slabs	m2	447		
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**CONCRETE, FORMWORK AND REINFORCEMENT**  
*Fordsburg Market Stalls Phase 2*

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**BUILDINGS**

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**CONCRETE, FORMWORK AND REINFORCEMENT**

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**Bill No. 3**

**CONCRETE, FORMWORK AND REINFORCEMENT**

***Fordsburg Market Stalls Phase 2***

Item No	<b><u>BILL NO. 4</u></b>	Quantity	Rate	Amount
	<b><u>PRECAST CONCRETE</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b>Sizes:</b>			
	Blocks, sills, etc measured linear shall be made in suitable lengths. Large size setting out drawings shall be prepared where necessary and submitted to the architect for approval before moulds are made			
	<b>General:</b>			
	Where kerbstones, blocks, etc are laid in ground descriptions shall be deemed to include necessary excavation, filling in and ramming			
	<b><u>PRECAST CONCRETE</u></b>			
	<b>Concrete prestressed fabricated lintels</b>			
1	110 x 70mm Lintels in lengths not exceeding 3m	m	143	
	<b>Carried Forward to Sectional Summary: 2</b>			R
	<b>Section No. 2</b> <b>Bill No. 4</b> <b>PRECAST CONCRETE</b> <i>Fordsburg Market Stalls Phase 2</i>			



Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 5</u></b>			
	<b><u>MASONRY</u></b>			
	<b><u>BRICKWORK</u></b>			
	<b><u>FOUNDATIONS</u></b>			
	<b>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar</b>			
1	One brick walls	m2	23	
	<b>Brickwork reinforcement</b>			
2	150mm Wide reinforcement built in horizontally	m	276	
	<b><u>SUPERSTRUCTURE</u></b>			
	<b>Brickwork of NFP bricks in class II mortar</b>			
3	Half brick wall	m2	57	
4	One brick wall	m2	519	
	<b>Brickwork reinforcement</b>			
5	115mm Brick wall built in horizontally	m	168	
6	150mm Wide reinforcement built in horizontally	m	1,639	
	<b><u>FACE BRICKWORK</u></b>			
	<b>Nebraska Travertine face brickwork pointed with square recessed horizontal and vertical joints</b>			
7	Extra over brickwork for face brickwork	m2	532	
	<b>Carried Forward to Sectional Summary: 2</b>			R
	<b>Section No. 2</b>			
	<b>Bill No. 5</b>			
	<b>MASONRY</b>			
	<b>Fordsburg Market Stalls Phase 2</b>			

Item No	<b><u>BILL NO. 6</u></b>	Quantity	Rate	Amount
	<b><u>WATERPROOFING</u></b>			
	<b><u>DAMP PROOFING</u></b>			
	One layer 375 micron embossed "Gunplas Brikgrip" polyethylene damp proof course fixed with approved adhesive:			
1	On walls, stepped up in cavities, etc.	m2	16	
	Carried Forward to Sectional Summary: 2			R
	<b>Section No. 2</b> <b>Bill No. 6</b> <b>WATERPROOFING</b> <i>Fordsburg Market Stalls Phase 2</i>			

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 7</u></b>			
	<b><u>CARPENTRY AND JOINERY</u></b>			
	<b><u>TIMBER DOORS</u></b>			
	<b>Solid panel door with hardwood concealed edge strip fitted with lock block to one edge clearly marked and finished both sides with hardwood veneer suitable for painting</b>			
1	40mm Door, size 914 x 2032mm with and including hinges and lockset with handle	No	8	
2	40mm Door, size 813 x 2032mm with and including hinges and lockset with handle	No	5	
	<b><u>SHELVING</u></b>			
	<b>Hardwood varnished with two coats polyurethane varnish fixed to steel brackets</b>			
3	25mm Wall mounted shelving, 350mm wide, supported by 250x250mm steel brackets fixed with 30mm x No.6 self tapping countersunk screws	m	30	
	<b><u>VANITY COUNTERS</u></b>			
	<b>30mm Black granite</b>			
4	600mm Wide Rustenberg granite vanity counter as per Architect's Specification.	m	5	
	<b>Carried Forward to Sectional Summary: 2</b>			R
	<b>Section No. 2</b>			
	<b>Bill No. 7</b>			
	<b>CARPENTRY AND JOINERY</b>			
	<b>Fordsburg Market Stalls Phase 2</b>			

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 8</u></b>  <b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b>  <b><u>NAILED UP CEILINGS AND CORNICES</u></b>  Fibre cement ceiling with H-profile jointing strips fixed to and including 38 x 38mm timber brandering, joists, hangers, etc.			
1	9mm Ceiling	m2	612	
2	Cornices	m	346	
3	Extra over ceiling for forming trap door size 600 x 600mm in clear formed with 38 x 50mm sawn SA Pine framing, covered with 6mm fibre cement boarding and set in 38 x 75mm wrot S A Pine rebated kerb, including trimmers.	No	1	
	Carried Forward to Sectional Summary: 2			R
	Section No. 2 Bill No. 8 <b>CEILINGS, PARTITIONS AND ACCESS FLOORING</b> <i>Fordsburg Market Stalls Phase 2</i>			

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 9</u></b>			
	<b><u>IRONMONGERY</u></b>			
	<b><u>LOCKS</u></b>			
	The following locks are to be master keyed with and including handles supplied and fixed complete			
1	Chromium plated bathroom indicator lockset	No	4	
	<b>Handles</b>			
2	Pull handles on plate 450 x 150mm (Pair)	No	4	
	<b><u>DOOR FITTINGS AND ACCESSORIES</u></b>			
	<b>Sundries</b>			
3	Aluminium door stop (Code - AL8730AS)	No	4	
4	Coat hooks	No	4	
5	1250mm Aluminium Door closer size 275x60mm.	No	2	
	<b><u>PUSH PLATES AND KICKING PLATES</u></b>			
	<b>"Union" or other approved</b>			
6	300 x 800mm Stainless steel protection plate	No	6	
	<b><u>LETTERS, NAMEPLATES, ETC</u></b>			
	<b>Aluminium</b>			
7	150 x 150mm Anodised aluminium plate with Gents/Ladies symbol	No	4	
	<b><u>BATHROOM FITTINGS AND ACCESSORIES</u></b>			
8	Stainless steel hand sanitiser wall mounted	No	6	
9	Stainless steel soap dispenser wall mounted	No	6	
	<b>Carried to Collection</b>			R
	<b>Section No. 2</b>			
	<b>Bill No. 9</b>			
	<b>IRONMONGERY</b>			
	<i>Fordsburg Market Stalls Phase 2</i>			

10	Stainless steel hand dryer	No	6
11	Stainless steel lockable toilet roll dispenser (2 roll capacity) wall mounted.	No	9

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Section No. 2  
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 IRONMONGERY  
 Fordsburg Market Stalls Phase 2

**Section No. 2**

**BUILDINGS**

**Bill No. 9**

**IRONMONGERY**

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**Bill No. 9**

**IRONMONGERY**

*Fordsburg Market Stalls Phase 2*

Item No	<b><u>BILL NO. 10</u></b>	Quantity	Rate	Amount
	<b><u>ROOF COVERINGS</u></b>			
	<b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b>			
	Supplementary preambles in connection with fixing of sheeting and accessories and laps are to be inserted when the Model Preambles for Trades (or other preambles not covering the fixing of sheeting and accessories and laps) are used			
	When the pitch of troughed roof covering is less than 5 degrees or if dustproofing is required then the description of roof coverings "with side laps sealed" is to be used			
	<b>Galvanised Z275 IBR roof sheeting</b>			
1	Roof covering with pitch not exceeding 25 degrees over market	m2	57	
2	Apex flashing	m	11	
	<b>Carried Forward to Sectional Summary: 2</b>			R
	<b>Section No. 2</b> <b>Bill No. 10</b> <b>ROOF COVERINGS</b> <i>Fordsburg Market Stalls Phase 2</i>			



Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO. 11</u></b></p> <p><b><u>STRUCTURAL STEELWORK</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b>Descriptions</b></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>Shop Drawings</b></p>			
1	Preparation and submission of shop drawings	Item		
	<p><b><u>STEEL TRUSSES ETC</u></b></p> <p><b>Dome steel trusses including all purlins, bracing, etc</b></p>			
2	Structural steel trusses, purlins and bracing including all fixings	Item		
3	Bull nose to roof, purlins and bracing including all fixings	Item		
4	Cranage	Hrs	100.00	
	<b>Carried to Collection</b>			R
	<p><b>Section No. 2</b>  <b>Bill No. 11</b>  <b>STRUCTURAL STEEL WORK</b>  <i>Fordsburg Market Stalls Phase 2</i></p>			

5	Crane Rigger	Hrs	100.00		
<b><u>STEEL FLOORS, STAIRS, ETC</u></b>					
<b>Welded and bolted suspended floor and stairs to brickwork</b>					
6	Steel structure in staircase comprising 152 x 152 x 23kg/m columns, 4.5mm "Vastrap" plate floor panels in landings and treads, 50mm tubing in 1150mm high raked balustrading,	m2	9.10		
<b><u>GALVANISED STEEL COLUMNS AND BEAMS</u></b>					
<b>Welded columns in single lengths welded</b>					
7	152 x 152 x 23kg/m I-section column in single lengths not exceeding 13m	m	29		
<b>Welded beams in single lengths</b>					
8	305 x 102mm x 25kg/m H-section beams in single lengths not exceeding 13m	m	242		
<b>Base/End plates</b>					
9	350 x 350 x 12mm Base plate bolted to concrete base with 4 no. holes to suit 20mm HD bolts	No	12		
<b>Bolts to base plates</b>					
10	M20 Holding Down bolts	No	48		
<b>Carried to Collection</b>					
<b>Section No. 2</b> <b>Bill No. 11</b> <b>STRUCTURAL STEEL WORK</b> <i>Fordsburg Market Stalls Phase 2</i>				R	

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**BUILDINGS**

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**STRUCTURAL STEEL WORK**

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**Bill No. 11**

**STRUCTURAL STEEL WORK**

*Fordsburg Market Stalls Phase 2*

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 12</u></b>			
	<b><u>METALWORK</u></b>			
	<b><u>GALVANISED MILD STEEL</u></b>			
	<b><u>STEEL DOORS AND FRAMES</u></b>			
	The following in steel doors			
1	3 900 x 2 200mm Roller Shutter Door manually operated, with side racks and standard ironmongery specified by manufacturer	No	1	
	<b><u>STAINLESS STEEL</u></b>			
	The following in stainless steel balustrading framed and connected supplied and installed complete			
2	1100mm High to staircases	m	16	
	<b><u>PRESSED STEEL DOOR AND WINDOW FRAMES</u></b>			
	1,2 mm Thick double rebate door frame suitable for half brick wall for			
3	Size 877 x 2064 mm high.	No	2	
4	Size 978 x 2064 mm high.	No	6	
	<b><u>ALUMINIUM DOORS, ETC</u></b>			
	Anodised aluminium window comprising equal leg C3002 frame with C3003 mullion and transom with sashes formed of C3004 tubular sash with FS01-1530 grade 304 stainless steel projection out friction stay with wood pile weather seals WP-4840 with handle and wedge plate with C3010 Tee cleat cross connectors and C3012 corner cleats with glazing beads and vinyl glazing gaskets, with and including Africa Glass laminated safety glass screwed with No. 8 x 60 wood screw with plastic plug			
5	Window size 1500 x 1000mm high	No	1	
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	Section No. 2 Bill No. 12 METALWORK Fordsburg Market Stalls Phase 2			

**Natural anodised aluminium door glazed with 6.5mm clear laminated safety glass and plugged to brickwork**

6	Glazed double sliding door and frame size 3900 x 2200mm high supplied and fixed complete	No	1
7	Shopfront size 5200 x 2000mm high supplied and fixed complete	No	1
8	Glazed sliding door and frame size 3000 x 2000mm high supplied and fixed complete	No	18

**AWNINGS**

**Awnings above shopfronts**

9	4270 x 1000mm Multiwall awning supplied and fixed complete	No	4
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**METALWORK**  
*Fordsburg Market Stalls Phase 2*

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**METALWORK**

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**Bill No. 12**

**METALWORK**

*Fordsburg Market Stalls Phase 2*







Item No		Quantity	Rate	Amount
<b><u>BILL NO. 15</u></b>				
<b><u>PLUMBING (PROVISIONAL)</u></b>				
<b><u>SANITARY FITTINGS</u></b>				
<b>"Vaal" or equal other sanitary fittings with and including all necessary accessories, piping and fittings supplied and fixed complete including connecting to existing mainline.</b>				
1	White ceramic lavatory basin, water wise basin mixer, trap, waste set, with and including angle valves supplied and fixed complete	No	6	
2	335x290x110mm Wash hand basin with one taphole, medical elbow action mixer, chrome plated pop up basin waste and 32mm black s-trap supplied and fixed complete.	No	2	
3	Hibiscus Low level wc suite comprising pan with double flap heavy duty plastic seat and 9l cistern with flush pipe including angle valves supplied and fixed complete	No	7	
4	Vitreous china paraplegic back inlet 90 deg. wall hung open rim pan with 6 litre back inlet cistern with paraplegic flush mechanism, double flap toilet seat, hinged arm support and grab rails supplied and installed complete.	No	2	
5	Vaal Flatback white vitreous china in 415 x 315 x 275mm wall mounted sensor bowl urinal including angle valves supplied and installed complete.	No	5	
<b><u>WATER SUPPLIES</u></b>				
<b>Copper pipework with and including all fittings and valves</b>				
6	15mm Copper	m	30	
7	20mm Copper	m	30	
<b><u>CONNECTION</u></b>				
8	Connect to existing water supply	No	1	
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<b>Section No. 2</b> <b>Bill No. 15</b> <b>PLUMBING AND DRAINAGE</b> <i>Fordsburg Market Stalls Phase 2</i>				



**Fire Hydrants**

19 Fire hydrants connected to 75mm diameter pipe supplied and installed complete.

No

1

**TESTING**

20 Allow for testing all drains, sanitary plumbing, water supplies to the satisfaction of the Architect and to Municipal requirement. All defective work is to be taken out and repalced at the Contractor's expense.

Item

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**PLUMBING AND DRAINAGE**  
*Fordsburg Market Stalls Phase 2*

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**PLUMBING AND DRAINAGE**

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**Section No. 2**

**Bill No. 15**

**PLUMBING AND DRAINAGE**

***Fordsburg Market Stalls Phase 2***

Item No	<b><u>BILL NO. 16</u></b>	Quantity	Rate	Amount
	<b><u>GLAZING</u></b>			
	For preambles see "Specification of Materials and Methods to be Used (PW371-A Ed. 2.0)" -----			
	<b><u>GLAZING TO STEEL WITH PUTTY</u></b>			
	<b><u>MIRRORS</u></b>			
1	4mm Float glass multiple silvered Aluframe mirror size 450 x 600mm with polished and bevelled edges, holed and screwed with four chromium plated dome headed screws with rubber spacer washers behind, to and including hardwood plugs in wall	No	8	
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	<b>Section No. 2</b> <b>Bill No. 16</b> <b>GLAZING</b> <i>Fordsburg Market Stalls Phase 2</i>			

Item No		Quantity	Rate	Amount
	<b><u>BILL NO. 17</u></b>			
	<b><u>PAINTWORK</u></b>			
	<b><u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u></b>			
	Prepare surface and spot prime bare and repaired areas with professional gypsum and plaster primer, apply one coat all purpose undercoat, two coats interior quality superior low sheen paint on			
1	On external walls	m2	220	
2	On internal walls	m2	342	
3	On slab soffit	m2	35	
	<b><u>PLASTERBOARD</u></b>			
	One coat alkali resistant plaster primer and two coats PVA acrylic emulsion paint on			
	<b><u>WOOD SURFACES</u></b>			
	One coat wood primer, one undercoat and two coats Plascon Velvaglo paint on			
4	Doors and frames	m2	24	
	<b><u>ON METAL</u></b>			
	Clean down, prepare and apply one coat zinc chromate primer, one undercoat and two coats Plascon Velvaglo paint on			
5	Door frames	m2	12	
6	Ceilings	m2	90	
7	Roller shutter door	m2	106	
8	Window frames with burglar bars	m2	5	
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	<b>Section No. 2</b> <b>Bill No. 17</b> <b>PAINTWORK</b> <i>Fordsburg Market Stalls Phase 2</i>			

9	Steel staircase	m2	24		
10	Structural steel beams and columns	m2	494		
11	Balustrading	m2	32		
	<b>Spray paint existing trains with automotive paint</b>				
12	Prepare for and paint existing trains	m2	632		
	<b><u>PAINTWORK, ETC TO NEW WORK ON</u></b>				
	<b><u>PLASTER SURFACES WITH</u></b>				
	<b>1 Coat universal undercoat paint, 2 final coats enamel paint in addition to factory painted red oxide</b>				
13	Internal walls	m2	577		
14	External walls	m2	9		
15	On slab soffit	m2	308		
	<b><u>PLASTERBOARD</u></b>				
	<b>One coat alkali resistant plaster primer and two coats PVA acrylic emulsion paint on</b>				
16	Ceilings	m2	577		
	<b><u>WOOD SURFACES</u></b>				
	<b>One coat wood primer, one undercoat and two coats Plascon Velvagio paint on</b>				
17	Doors and frames	m2	23		
	<b><u>ON METAL</u></b>				
	<b>Clean down, prepare and apply one coat zinc chromate primer, one undercoat and two coats Plascon Velvagio paint on</b>				
18	Door frames	m2	10		
	<b><u>FACE BRICKWORK</u></b>				
	<b>Carried to Collection</b>				
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	<b>PAINTWORK</b>				
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				R	

**3 Coats brick dressing**

19

On face brick wall

m2

542

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**PAINTWORK**  
*Fordsburg Market Stalls Phase 2*



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**BUILDINGS**

**Bill No. 17**

**PAINTWORK**

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**PAINTWORK**

***Fordsburg Market Stalls Phase 2***

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**BUILDINGS**

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9	IRONMONGERY	39	
10	ROOF COVERINGS	40	
11	STRUCTURAL STEEL WORK	43	
12	METALWORK	46	
13	PLASTERING	47	
14	TILING	48	
15	PLUMBING AND DRAINAGE	52	
16	GLAZING	53	
17	PAINTWORK	57	

**Carried to Final Summary**

R

**Section No. 2**

***Fordsburg Market Stalls Phase 2***

Item No	<b><u>BILL NO. 1</u></b>	Quantity	Rate	Amount
	<b><u>EXTERNAL WORKS</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles refer to PW 371 "Specification of materials and methods to be used"			
	<u>NOTE :</u>			
	The standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.			
	<b><u>CONCRETE STORMWATER CHANNELS</u></b>			
	<b>Earthworks</b>			
1	Excavation not exceeding 2m deep for channels	m3	16	
2	Cart away excavated material in channels	m3	16	
3	Risk of collapse of sides of excavations not exceeding 1,5m deep	m2	160	
	<b>Concrete Formwork and Reinforcement</b>			
4	25MPa/19mm reinforced concrete in bottoms and sides of channels	m3	8	
5	Finishing bottoms and sides of channels smooth with a steel trowel to falls	m2	84	
6	Rough formwork to sides of channels	m2	48	
7	Ref. 193 fabric reinforcement in concrete bottoms and sides of channels	m2	84	
8	20mm Expansion joints with softboard between concrete bottoms and sides of channel not exceeding 300mm high	m	160	
	<b>Carried to Collection</b>			R
	<b>Section No. 3</b>			
	<b>Bill No. 1</b>			
	<b>EXTERNAL WORKS</b>			
	<i>Fordsburg Market Stalls Phase 2</i>			

**Mild steel grating over stormwater drain**

9	400mm Grating with frame over stormwater channel	m	80		
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**Rainwater Harvesting Water Tank**

**Jojo Water Tank**

10	5000 Litre Jojo tank with and including concrete plinth base	No	5		
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**Carried to Collection**

R

**Section No. 3**  
**Bill No. 1**  
**EXTERNAL WORKS**  
*Fordsburg Market Stalls Phase 2*

**Section No. 3**

**EXTERNAL WORKS**

**Bill No. 1**

**EXTERNAL WORKS**

**COLLECTION**

**Page  
No**

**Amount**

Total Brought Forward from Page No.

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Total Brought Forward from Page No.

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**Carried to Final Summary**

R

**Section No. 3**

**Bill No. 1**

**EXTERNAL WORKS**

*Fordsburg Market Stalls Phase 2*

Item No	<b><u>Bill No.1</u></b>	Quantity	Rate	Amount
	<b><u>PROVISIONAL SUMS</u></b>			
	<b><u>PREAMBLES</u></b>			
	For preambles refer to PW 371 "Specification of materials and methods to be used"			
	<u>The Following Direct Domestic Sub-Contract Amounts Are For Work To Be Carried Out By Direct Domestic Sub-Contractors:</u>			
1	Electrical Installation	Item		1,100,000 00
2	Allow for general attendance on ditto.	Item		
3	Allow for profit if required.	Item		
4	Smoke Extraction Installation including Axial duct fans and ducting to Tikka Chicken restaurant.	Item		120,000 00
	<b>Carried to Collection</b>		R	
	<b>Section No. 4</b> <b>Bill No. 1</b> <b>PROVISIONAL SUMS</b> <i>Fordsburg Market Stalls Phase 2</i>			

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES	19	
2	BUILDINGS	58	
3	EXTERNAL WORKS	61	
4	PROVISIONAL SUMS	62	
	<b>SUB TOTAL</b>		R
	<b>VALUE ADDED TAX</b>		R
	<b>Carried to Form of Offer and Acceptance</b>		R
	<i>Fordsburg Market Stalls Phase 2</i>		