		Quantity	Rate	Amount
SEC	CTION NO. 1			
BILI	L NO. 1			
PRE	ELIMINARIES			
	LDING AGREEMENT AND ELIMINARIES			
PRE	<u>PRELIMINARIESNOTES</u>			
i)	The agreement is to be the JBCC Series 2000 Principal Building Agreement, Edition 4.1 and other contract documents that together form the contract between the employer and contractor			
ii)	The preliminaries are to be the JBCC Series 2000 Code 2103 Preliminaries prepared by the Joint Building Contracts Committee, May 2005 edition and shall be deemed to be incorporated herein			
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			
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			
v)	Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")			
	Carried to Collection		R	
PREI	on No. 1 LIMINARIES AND GENERAL			
	o. 1 LIMINARIES AND GENERAL E STATE DEPARTMENT OF HUMAN SETTLEMENTS			

vi) If Alternative A as set out in clause B10.3		
hereinafter is to be used for the adjustment of		l
the preliminaries each item priced is to be		l
allocated to one or more of the three categories,		l
		l
where "F" denotes a fixed amount (amount not		l
to be varied), "V" denotes an amount variable in		l
proportion to value and "T" denotes an amount		l
in proportion to time		l
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Section No. 1		 _
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FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS		l
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	SECTION A: PRINCIPAL BUILDING AGREEMENT			
	Definitions (A1)			
1/1/1	Definitions and interpretation (clause 1)F:V:			
	T:	Item		
	Objective and Preparation (A2 to A14)			
1/1/2	Offer acceptance and performance (clause 2)F:V:			
	T:	Item		
1/1/3	Documents (clause 3)F: V:	Item		
1/1/4	Design responsibility (clause 4)			
	F: V:T:	Item		
1/1/5	Employer's agents (clause 5)			
	F: V: T:	Item		
1/1/6	Site representative (clause 6)			
	F:T:	Item		
1/1/7	Compliance with regulations (clause 7)			
	F: V: T:	Item		
1/1/8	Works risk (clause 8)			
	F: V: T:	Item		
1/1/9	Indemnities (clause 9)F: V:	Item		
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	Carried to Collection		R	
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1/1/10	Works insurances (clause 10)			
	F: T:	Item		
1/1/11	Liability insurances (clause 11)F: V: T:	Item		
1/1/12	Effecting insurance (clause 12)F: V:	Item		
1/1/13	NO CLAUSE	N/A		
1/1/14	Security (clause 14)F: V:	Item		
	Execution (A15-A23)			
1/1/15	Preparation for and execution of the works (clause 15)			
	F: T:	Item		
1/1/16	Access to the works (clause 16)F: V:	Item		
1/1/17	Contract instructions (clause 17)			
	F: T:	Item		
1/1/18	Setting out of the works (clause 18)			
	F: T:	Item		
1/1/19	Assignment (clause 19)			
	F: T:	Item		
	Carried to Collection		R	
	Section No. 1 PRELIMINARIES AND GENERAL			
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1/1/20	Nominated subcontractors (clause			
	20)F: T:	Item		
1/1/21	Selected subcontractors (clause 21)F:	Item		
1/1/22	Employer's Direct Contractors (clause 22)			
	F: T:	Item		
1/1/23	Contractor's Domestic Sub-Contractors (Clause 23)			
	F: T:	Item		
	Completion (A24-A30)			
1/1/24	Practical completion (clause 24)			
	F: T:	Item		
1/1/25	Works completion (clause 25)			
	F: T:	Item		
1/1/26	Final completion (clause 26)			
	F: T:	Item		
1/1/27	Latent defects liability period (clause 27)			
	F: V: T:	Item		
1/1/28	Sectional completion (clause 28)			
	F: V: T:	Item		
	Carried to Collection		R	
	Section No. 1 PRELIMINARIES AND GENERAL BIII No. 1 PRELIMINARIES AND GENERAL FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS			
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1/1/29	Revision of date of practical completion (clause 29)			
	F: T:	Item		
1/1/30	Penalty for non-completion (clause 30)			
	F: T:	Item		
	Payment (A31 - A35)			
1/1/31	Interim payment to the contractor (clause 31)F:V:	Item		
1/1/32	Adjustment to the contract value (clause			
	32)F: T:	Item		
1/1/33	Recovery of expense and loss (clause 33)F:V:			
	T:	Item		
1/1/34	Final account and final payment (clause 34)F:V:			
	T:	Item		
1/1/35	Payment to other parties (clause 35)			
	F: T:	Item		
	Cancellation (A36-A39)			
1/1/36	Cancellation by employer - contractor's default (clause 36)			
	<u>F</u> :V:			
	T:	Item		
1/1/37	Cancellation by employer - loss and damage (clause 37)			
	F: V: T:	Item		
	Carried to Collection		R	
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1/1/38	Cancellation by contractor - employer's default (clause 38)			
	F: V: T:	Item		
1/1/39	Cancellation - cessation of the works (clause 39)			
	F: T:	Item		
	Dispute (A40)			
1/1/40	Dispute Settlement (clause 40)			
	F: T:	Item		
	Substitute Provisions (A41)			
1/1/41	State clauses (Clause 41)			
	<u>F</u> :V:	16		
	T:	Item		
	THE SCHEDULE Information necessary for completion of those clauses			
	contained in the schedule which are necessary for tender purposes is given hereunder			
1/1/42	Pre-tender information (clause 42)			
	F:V:	Itom		
	T:	Item		
	Carried to Collection Section No. 1		R	<u> </u>
	PRELIMINARIES AND GENERAL Bill No. 1			
	PRELIMINARIES AND GENERAL FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS			

42.1	CONTRACTING	S AND OTHER PARTIES		
42.1.	1 Employer:	Free Sate Department of Human Settlements		
	Physical address	: OR Tambo House St Adrews Street Bloemfontein		
	Code:	9300		
	Telephone:	051 405 5008		
42.1.2 - LTE (5.1)	2 Principal Agen	t: Project Resource Team Consulting		
Park	Physical addres	s: Genious Loci Office Building No. 10 CP Hoogenhout Street Langenhouven Park Bloemfontein		
	Code:	9300		
	Telephone:	051 446 0826		
	Fax:	051 446 0826		
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Bill No				
		MENT OF HUMAN SETTLEMENTS		

42.1.3 (5.1)	Agent (1):		
(0.1)	Agent's service:		
	Physical Adress:		
	Code:		
	Telephone:		
	Fax:		
42.1.4 (5.1)	Agent (2):		
(3.1)	Agent's service:		
	Physical address:		
	Code:		
	Telephone:		
	Fax:		
42.1.5	Agent (3):		
	(5.1) Agent's service:		
	Physical address:		
	Code:		
	Telephone:		
	Fax:		
			—
	Carried to Collection	R	
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42.1.6 (5.1)	Agent (4):		
(3.1)	Agent's service:		
	Physical address:		
	Onder		
	Code:		
	Telephone:		
	Fax:		
42.2	CONTRACT DETAILS		
42.2.1	Works Description:		
Dak &	Development of Community Residential Units in Silver City: Bottom Site Bloemfontein		
42.2.2	Site Description:		
	The Site is situated at dark & Silver City Coordinates: Y - 74700 and X - 3226300		
be advi	Work or installations by direct contractors: (To sed)		
	Carried to Collection	R	
Bill No.	No. 1 MINARIES AND GENERAL 1		
	MINARIES AND GENERAL STATE DEPARTMENT OF HUMAN SETTLEMENTS		

	only Where	e so:		
	(1)	Legislation applicable to the interest rate		
		In terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No.1 of 1999) will apply		
	(2)	Lateral support insurance will not be effected by the contractor		
	(3)	Payment will be made for material and goods		
	(4)	Dispute resolution will not be by litigation		
	(5)	Extended defect liability period applicable to the following elements: N/A		
42.2.5		on which possession of the site is intended given: To be determined later		
42.2.6		d for the commencement of the works after ontractor takes possession of the site: 2 (Two) working days		
42.2.7	praction calend Practi	ne works as a whole . Intended date of cal completion and the penalty per dar day ical Completion: 10 months after nencement		
	R19 5	500.00 Penalty Amount		
		Carried to Collection	R	
	n No. 1	IES AND GENERAL		
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42.2.8	For the works in sections : Intended date of practical completion and the penalty per calender day: N/A			
42.2.9 that of	The law applicable to this agreement shall be			
	The Republic of South Africa			
42.3	INSURANCES			
	Contract works insurance to be effected by: pal Contractor			
42.3.2	Supplementary insurance is required: No			
42.3.3	Public liability insurance to be effected by: <i>The Contractor</i>			
For th	e Sum of : R 2 500 000.00			
With a	deductible of: R(To be confirmed)			
42.4	DOCUMENTS			
	Waivers of contractors lien or right of uing possession is required: Yes			
42.4.2	Number of construction document copies to be supplied to the contractor free of charge: 3 (Three) Number of			
42.4.3 Work	Bills of Quantities/Lump sum document schedule of rates drawn up in accordance with: The Standard System of Measuring Building			
	Carried to Collection n No. 1	R		
Bill No PRELI	MINARIES AND GENERAL . 1 MINARIES AND GENERAL STATE DEPARTMENT OF HUMAN SETTLEMENTS			
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42.4.4	On acceptance of the tender the bills of quantities/lump sum document is to be submitted within: 10 (Ten) Number ofworking days		
42.4.5	JBCC Engineering General Conditions are to be included in the contract documents : No		
	The contract value is to be adjusted using ion adjustment indices : N/A		
42.4.7	Details of changes made to the provision of JBCC standard documentation: As per contract data		
	Carried to Collection	R	
Bill No. PRELIN	/INARIES AND GENERAL		

	SECTION B: PRELIMINARIES			
	Definitions and interpretation (B1)			
1/1/43	Definition and interpretation (B1.1 - B1.4.6)			
	F: T:	Item		
	Documents (B2)			
1/1/44	Checking of documents (B2.1)			
	These provisional bills of quantities contain pages and annexures as indexed on the flyleaf			
	The items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the Model Preambles for Trades as recommended and published by the Association of South African Quantity Surveyors, 1999 edition, and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained			
	F: T:	Item		
1/1/45	Provisional bills of quantities (B2.2)F: V:T:	Item		
4/4/40		item		
1/1/46	Availability of construction documentation (B2.3)			
	F: T:	Item		
1/1/47	Interests of agents (B2.4)F: V: T:	Item		
1/1/48	Priced documents (B2.5)F: V:	Item		
1/1/49	Tender submission (B2.6)F: V:	Item		
	Counied to Collection			
	Carried to Collection Section No. 1 PRELIMINARIES AND GENERAL Bill No. 1 PRELIMINARIES AND GENERAL FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS		R	

	The site (B3)			
1/1/50	Defined works area (B3.1)F: V: T:	Item		
1/1/51	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			
	F: T:	Item		ĺ
1/1/52	Geotechnical investigation (B3.2)F: V:	Item		ľ
1/1/53	Inspection of the site (B3.3)F: V:	Item		1
1/1/54	No claims for extras arising from the contractor having failed to comply with this clause will be entertained			ſ
	F: T:	Item		
1/1/55	Existing premises occupied (B3.4)F: V:	Item		1
1/1/56	Previous work - dimensional accuracy (B3.5)F:V:	Item		
1/1/57	Previous work - defects (B3.6)F: V:	Item		
1/1/58	Services - known (B3.7)F: V: T:	Item		
1/1/59	Services - unknown (B3.8)F: V: T:	Item		
1/1/60	Protection of trees etc (B3.9)F: V:	Item		
				<u> </u>
	Carried to Collection		R	1
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1/1/61	Articles of value (B3.10)F: V:	Item		
1/1/62	Inspection of adjoining properties etc (B3.11)F:V:	Item		
	Management of contract (B4)			
1/1/63	Management of the works (B4.1)F: V: T:	Item		
1/1/64	Programme for the works (B4.2)			
	F: T:	Item		
1/1/65	Progress meetings (B4.3)F: V:	Item		
1/1/66	Technical meetings (B4.4)F: V:	Item		
1/1/67	Labour and Plant records (B4.5)			
	F: T:	Item		
	Samples, Shop Drawings and Manufacturer's Instructions (B5)			
1/1/68	Samples of materials (B5.1)F: V:	Item		
1/1/69	Workmanship samples (B5.2)F: V: T:	Item		
1/1/70	Shop drawings (B5.3)			
	F: T:	Item		
	Carried to Collection		R	
	Section No. 1 PRELIMINARIES AND GENERAL Bill No. 1			
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1/1/71	Compliance with Manufacturer's Instructions (B5.4)			
	F: T:	Item		
	Temporary works and plant (B6)			
1/1/72	Deposits and fees (B6.1)F: V:	Item		
1/1/73	Enclosure of the works (B6.2)F: V:	Item		
1/1/74	Advertising (B6.3)F: V:	Item		
1/1/75	Plant, equipment, sheds and offices (B6.4)F:V:	Item		
1/1/76	Main notice board (B6.5)F: V: T:	Item		
1/1/77	Subcontractors' notice board (B6.6)			
	F: T:	Item		
	Temporary services (B7)			
1/1/78	Location (B7.1)F: V:	Item		
1/1/79	Water (B7.2) Option [A]			
	F: T:	Item		
1/1/80	Electricity (B7.3) Option [A]			
	F:V:			
	T:	Item		
	Carried to Collection		R	
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1/1/81	Telecommunication facilities (B7.4)			
	F: T:	Item		
1/1/82	Ablution facilities (B7.5) Option [A]			
	F: V:			
	F: T:	Item		
	Prime cost amounts (B8)			
1/1/83	Responsibility for prime cost amounts (B8.1)F:V:			
	T:	Item		
	Attendance on N/S Subcontractors (B9)			
1/1/84	General attendance (B9.1)F:			
	V: T:	Item		
1/1/85	Special attendance (B9.2)F: V:	Item		
1/1/86	Commissioning - Fuel, water and power (B9.3)F:V:			
	T:	Item		
	Floored Language (D40)			
	Financial aspects (B10)			
	Statutory taxes, duties and levies			
		Item		
1/1/87	Statutory taxes, duties and levies (B10.1)F:V:	Item		
1/1/87	Statutory taxes, duties and levies (B10.1)F:	Item		
1/1/87	Statutory taxes, duties and levies (B10.1)F:	Item Item		
1/1/87	Statutory taxes, duties and levies (B10.1)F:			
1/1/87	Statutory taxes, duties and levies (B10.1)F:			
1/1/87	Statutory taxes, duties and levies (B10.1)F:			
1/1/87	Statutory taxes, duties and levies (B10.1)F:		D	
1/1/87	Statutory taxes, duties and levies (B10.1)F:		R	
1/1/87	Statutory taxes, duties and levies (B10.1)F:		R	
1/1/87	Statutory taxes, duties and levies (B10.1)F:		R	
1/1/87	Statutory taxes, duties and levies (B10.1)F:		R	

1/1/88	Payment of preliminaries (B10.2) Option [A] shall apply			
	F:V:			
	T:	Item		
1/1/89	Adjustment of preliminaries (B10.3)F: V: T:	Item		
1/1/90	Payment certificate cash flow			
	(B10.4)F: T:	Item		
1/1/91	Contractor information supply (B10.5)			
	F:V:			
	T:	Item		
	General (B11)			
1/1/92	Protection of works (B11.1)F: V:	Item		
1/1/93	Protection/isolation of existing/sectionally occupied			
	works (B11.2)F:V:V:	Item		
1/1/94	Security of the Works (B11.3)			
	F: T:	Item		
1/1/95		Kom		
1/1/95	Notice before covering work (B11.4)F: V: T:	Item		
1/1/96	Disturbance (B11.5)			
	F: T:	Item		
1/1/97	Environmental Disturbance (B11.6)			
., ., .,	F:V:			
	T:	Item		
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1/1/98	Works cleaning and clearing (B11.7)			
	F: T:	Item		
1/1/99	Vermin (B11.8)			
	F: T:	Item		
1/1/100	Overhand work (B11.9)			
	F: T:	Item		
1/1/101	Instruction manuals and guarantees (B11.10)			
	F: T:	Item		
1/1/102	As built information (B11.11)			
	F: T:	Item		
1/1/103	Tenant Installations (B11.12)			
	F: T:	Item		
	Schedule of variables (B12)			
1/1/104	Pre-tender information (B12.1)F: V: T:	Item		
	Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that either no details or specific requirements are available or that the clause is not relevant to this specific contract			
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	Carried to Collection		R	
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12.1.1	Provisional bills of quantities (B2.2) The quantities are provisional		
12.1.2	Availability of construction documentation (B2.3) Construction documentation is not complete		
12.1.3	Interest of agents (B2.4)		ı
	N/A		I
	Defined works area (B3.1) As per Architect's drawings Restrictions will also be pointed out on site		
hando	ver		Ì
12.1.5	Geotechnical investigation (B3.2)		ı
current brick ur propert No wor	Existing premises occupied (B3.4) The south eastern portion of the site is ly fenced off and occupied by a single storey nder tile building, whilst the remainder of the y is currently vacant. It is to be done on the existing premises unless se advised.		
12.1.7	Previous work - dimensional accuracy (B3.4)		
12.1.8	Previous work - defects (B3.5)		ſ
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	1 MINARIES AND GENERAL STATE DEPARTMENT OF HUMAN SETTLEMENTS		ſ
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12.1.9	Services - known (B3.7)		
	Existing services and points of connection will be pointed out on site by the principal agent		
12.1.10	0 Protection of trees (B3.9)		
12.1.1 (B3.11	, , , , ,		
The ne	2 Enclosure of the works (B6.2) ew construction works is to be enclosed for the tion and safety of the puplic		
12.1.1	3 Offices (B6.4.3)		
of the princip suitabl provide with be filling of	ontractor shall provide and remove on completion works an office for the exclusive use of the pal agent, minimum size 4 x 3 x 3m high internally, y insulated, ventilated and air-conditioned ed with electric lighting with power plug and fitted parded floor, desk, 3 (three) number of chairs, cabinet and drawing hanger. The office shall be ean and fit for use at all times		
12.1.14	4 Main notice board (B6.5) A notice board is required		
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12.1.15 Subcontractors notice board (B6.6) A notice board is not required		 _
12.1.16 Water (B7.2) Alternative Selected: A		
12.1.17 Electricity (B7.3) Alternative selected: A		
12.1.18 Telecommunications (B7.4)		
12.1.19 Ablution facilities (B7.5) Alternative selected: A		
12.1.20 Protection of existing/sectionally occupied works (B11.2)		
Protection is required		
12.1.21 Special attendance (B9.2)		
12.1.22 Protection of the works (B11.1) : Required as may be neccesary		
12.1.23 Disturbance (B11.5)		
12.1.24 Environmental Disturbance (B11.6)		
Carried to Collection	R	—
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Post te	ender information (B12.2)			
12.2.1	Payment of preliminaries Alternative selected: A			
12.2.2	Adjustment of preliminaries Alternative selected: A			
12.2.3	Additional agreed preliminaries items			
	Carried to Collection		R	
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	SECTION C: SPECIFIC PRELIMINARIES			
	C1. OCCUPATIONAL HEALTH AND SAFETY ACT			
	The contractor 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). It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities. The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total noncompliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment. Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under Section 5 of this bills of quantities and no additional claims in this regard shall be entertained			
1/1/105	C2.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:	Item		
	Carried to Collection		R	
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1/1/106	C3. 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: T:	Item		
1/1/107	C4. 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:			
	T:	Item		
1/1/108	C5. 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: T:	Item		
1/1/109	C6. 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.			
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1/1/110	C7. 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: T:	Item		
1/1/111	C8. 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: T:	Item		
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	MATERIALS AND WORKMANSHIP			
	Testing of windows to ensure watertightness			
1/1/112	As the windows are fixed they shall be glazed and prepared so that each window can be tested for watertightness with water sprayed on by means of a 20 mm hosepipe using adequate pressure. If the pressure proves to be inadequate, in the opinion of the principal agent, then the pressure in the hosepipe shall be boosted by means of compressed air or other approved means. Each window section shall be tested under the supervision of the clerk of works and approved before final acceptance of the fenestration.	Item		
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	FINANCIAL ASPECTS			
	<u>Overtime</u>			
1/1/113	The additional costs of overtime work shall be for the employer's account only when prior written agreement thereto is given by the principal agent.	Item		
	GENERAL			
	<u>Copyright</u>			
1/1/114	The ownership of the copyright in and to: all drawings, specifications, models and documents of any nature delivered to the contractor or produced by or on behalf of the contractor in connection with the works; and, the artistic character and/or artistic design of the works, shall remain vested in and/or is hereby assigned to the employer by the contractor.	Item		
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	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 110 for CPAP formula purposes			
	SUPPLEMENTARY PREAMBLES			
	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 principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the engineer. (Test cubes are measured separately)			
	<u>Formwork</u>			
	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			
	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.			
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	Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer fordesign 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"				
	REINFORCED CONCRETE				
	25MPa/20mm concrete				
2/1/1	Floor screeds	m3	145		
2/1/2	Apron and thickenings cast in panels on waterproofing	m3	95		
	TEST BLOCKS				
2/1/3	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	84		
	CONCRETE SUNDRIES				
	Finishing top of surfaces of concrete with a wood float finish				
2/1/4	Aprons to falls	m2	656		
	Finishing top of surfaces of concrete with power a float finish				
2/1/5	Surface beds, slabs, etc.	m2	1 973		
	<u>FORMWORK</u>				
	(HAYLETT FORMULA WORK GROUP NO. 111)				
	ROUGH FORMWORK (DEGREE OF ACCURACY II)				
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	Rough formwork to sides				Ī
2/1/6	Edges, risers, ends and reveals not exceeding 300mm high or wide circular (not?) exceeding 1m radius m	655			ĺ
	REINFORCEMENT (PROVISIONAL)				Ī
	(CPAP FORMULA WORK GROUP NO. 114)				ľ
	Fabric reinforcement				1
2/1/7	Type193 fabric reinforcement m2	845			ı
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	BILL NO.2				
	MASONRY				
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 116 for CPAP formula purposes				
	GENERALLY				
	Fire Bricks: Fireclay and silica firebricks shall comply with SABS 35 and shall be capable of passing the refratory tests covered by SABS Code of Practice 016				
	Cement Bricks: Cement bricks shall be at least Class 7 complying with SABS 589				
	Hollow Clay Building Blocks: Hollow clay building blocks shall comply with SABS 589				
	Mortar, etc: All mortar shall be mixed in a mortar mixing machine or on a non-absorbent, close-jointed timber or iron platform. The mixing machine or platform shall be kept clean and old mortar shall be removed before any new batch of mortar is prepared for mixing				
	<u>Dagha Boards:</u> All dagha boards must be cleaned off at the end of each day				
	Brickwork and Blockwork Generally				
	Gauge rod: A gauge rod must be prepared for the Architect's approval before any brickwork is commenced and all brickwork or blockwork must be built to this gauge				
	<u>Levelling:</u> The brickwork or blockwork, etc must be levelled at each course, window sills and floors				
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	Face bricks					
	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					
	BRICKWORK IN SUPERSTRUCTURE					
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar					
2/2/1	Half brick walls	m2	102			
2/2/2						
2/2/2	Half brick walls in beamfilling	m2	56			
2/2/3	Half brick walls around 250mm slab	m2	60			
2/2/4	One brick walls	m2	146			
2/2/5	One brick in ballustrade walls 1050mm high	m	128			
2/2/6	One brick walls in beamfilling	m2	76			
	BRICKWORK SUNDRIES					
	Brickwork reinforcement					
2/2/7	75mm Wide reinforcement built in horizontally	m	476			
2/2/8	150mm Wide reinforcement built in horizontally	m	714			
	DECORATIVE SCREEN WALLS AND GRILLES					
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	Screen walls of type "Watson" or similar approved 190 x 190mm grille blocks in class II mortar pointed with recessed joints				
2/2/9	190mm Thick concrete grille block walls pointed on both sides in staircase openings	m2	895		
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	SECTION NO. 2				
	BILL NO.3				
	WATERPROOFING				
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 120 for CPAP formula purposes				
	SUPPLEMENTARY PREAMBLES				
	Waterproofing				
	Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-down				
	WATERPROOFING TO ROOFS, BASEMENTS, ETC				
	"Sika" Blackseal T-140 MG waterproofing				
2/3/1	On passages and balconies	m2	650		
	"Sika Cimflex" waterproofing				
2/3/2	Two coats slurry with fabric overlaps of minimum 50mm on bathroom walls	m2	305		
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	BILL NO.4				
	CARPENTRY AND JOINERY				
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No.126 for CPAP formula purposes				
	SUPPLEMENTARY PREAMBLES				
	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 elsewhere				
	SKIRTINGS				
	Wrought meranti				
2/4/1	19mm quadrant bead nailed	m	985		
	DOORS ETC				
	Semi-solid flush doors with 3,2mm plain hardboard covering on both sides, hung to timber frames				
2/4/2	44mm Door 762 x 2032mm high (D3)	No	20		
2/4/3	44mm Door 813 x 2032mm high (D2)	No	66		
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	"Swartland Winsters" solid hardwood doors or similar approved hung to steel frame					
2/4/4	44mm Door 813 x 2032mm high	No	51			
	EAVES, VERGES, ETC					
	"Everite" pressed nutec-cement or similar barge board:					
2/4/5	15 x 225mm Fascias and bargeboards including					
	galvanised steel H-profile jointing strips	m	273			
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	BILL NO.5				
	IRONMONGERY				
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 132 for CPAP formula purposes				
	SUPPLEMENTARY PREAMBLES				
	Finishes to ironmongery				
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH 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				
	LOCKS				
	"ESCO"				
2/5/1	Four lever mortice chrome plated CP Nutec lockset (Code:22313-76 SS) with and including "Waterbok" hanlde set (Code: AC6W45-24SC)	No	587		
	PELMETS AND CURTAIN TRACKS				
	"Yokota" or similar approved curtain tracks				
2/5/2	"Yokota Racer" anodised aluminium double curtain track including eleven single wheeled carriers per metre, brackets, stopped ends, bends, etc., with brackets plugged	m	871		
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	BATHROOM FITTINGS				
	"Bobrick" or similar approved roll holder				
2/5/3	B-2730 Toilet roll holder for single roll plugged	No	345		
2/5/4	150 x 150 Semi-recssed type saop dish built into brick wall	No	382		
2/5/5	19mm Diameter chromium plated towel rail 100omm long including end brackets plugged to brick wall	No	405		
	"Franke" or similar approved				
2/5/6	32 x 750mm Long stainless steel rear grab rail around cistern 750mm long	No	65		
2/5/7	32mm Stainless steel side grab rail (code DL2) fixed to brick walls	No	63		
	SUNDRIES				
2/5/8	UNION CODE: CZ8731PB door stop plugged	No	690		
	LETTERS, NAMEPLATES, ETC.				
	<u>Approved</u>				
2/5/9	100 x 50 x 5mm Thick clear perspex plate with red background and two white 20mm high reverse engraved and painted letters or numerals	No	526		
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	BILL NO.6			
	METALWORK			
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 136 for CPAP formula purposes			
	STEEL HANDRAILS, BALUSTRADES ETC.			
	Welded balustrading			
2/6/1	1000mm high Galvanised steel balustrade all complete with hollow section continuous handrail,balusters etc. and all complete as per detailed drawings m	568		
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	BILL NO.7			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			
	SUPPLEMENTARY PREAMBLES			
	Descriptions:			
	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 elsewhere			
	CEILINGS ETC			
	NAILED-UP CEILINGS			
	SUPPLEMENTARY PREAMBLES			
	<u>Openings</u>			
	Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc are to include for any necessary additional support, trimming around, etc			
	9mm Taper-edge gypsum plasterboard with taped and skimmed flush joints			
2/7/1	Ceilings including 38 x 38mm sawn softwood brandering at 300mm centres and cross brandering at 300mm centres m2	1 396		
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2/7/2	600 x 600 x 0.6mm thick pressed steel trap door, hinged to open 180 degrees onto ceiling, in 25 x 25 x 3mm T-section steel frame	No	180		
	Gypsum plasterboard cornices				
2/7/3	75mm Coved cornices	m	983		
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	BILL NO.8				
	PLASTERING				
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 142 for CPAP formula purposes.				
	INTERNAL PLASTER				
	One coat cement plaster on brickwork				
2/8/1	On walls	m2	1 604		
2/8/2	On narrow widths	m2	148		
	One coat cement plaster on concrete				
2/8/3	On ceilings	m2	845		
	EXTERNAL PLASTER				
	One coat cement plaster on brickwork				
2/8/4	On walls	m2	352		
2/8/5	On narrow widths	m2	63		
2/8/6	On sloping top and edge of window cills 225mm girth	m	72		
2/8/7	Extra over for 100 x 300mm thick plaster surrounds on windows and external door openings	m	395		
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	BILL NO.10				
	PLUMBING AND DRAINAGE				
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 146 for CPAP formula purposes.				
	SUPPLEMENTARY PREAMBLES				
	Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings				
	RAINWATER DISPOSAL				
	"Watertite" UPVC domestic rainwater goods:				
2/10/1	125 x 100mm Ogee pattern seamless gutter fixed to falls with and including pvc hangers at 600mm centres to timber fascia	m	530		
2/10/2	Extra for shoe	No	85		
2/10/3	Extra for bend	No	165		
	SANITARY FITTINGS				
	Supply, fix, clean, wash and leave in a satisfactory condition the following items of sanitaryware:				
	All rails, brackets, etc., where not bolted are to be fixed with long heavy gauge brass screws into approved expanding plugs				
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	Stainless steel				
2/10/4	860 x 435mm Drop-in sink with single 345 x 410mm end bowl on cupboard (cupboard elsewhere)	No	135		
	<u>"Vaal"</u>				
2/10/5	510 x 405mm "Hibiscus" washhand basin, fitted with a 32mm waste fitting chain and plug and fixed to wall on pair of 19mm brackets. Code: 702303	No	96		
2/10/6	White vitreous china "Aquasave" low level WC suite with a 90 degree outlet washdown pan and matching 6 litre siso cistern complete with lid, fitment and flush pipe or similar approved. Code: 7031	No	130		
2/10/7	White vitreous china "Protea Paraplegic" 90 degree outlet pan	No	62		
2/10/8	Libra Cola 90 shower tray, underwall stoptraps, CP, with sleeves and flanges	No	196		
	TRAPS				
	Brass traps, waste unions, etc:				
2/10/9	38mm Shower trap as "Cobra VA2.341" with and including chromium plated grating as "Cobra 323", set in concrete floor and joint to UPVC pipe	No	149		
	"Flexitraps":				
2/10/10	32 x 40mm Butyl rubber "P" or "S" trap jointed to waste outlet fitting and to 50mm UPVC pipe including clamps	No	328		
	"Cobra Watertech"				
2/10/11	15mm 078CP shower rose	No	430		
2/10/12	15mm 027CP overhead shower arm	No	430		
	Opening the Option				
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	TANKS				
2/10/13	5000 litre JOJO or similar water storage tank , size internally 1810mm diameter x 1950mm deep complete with and hoist and set in position 500mm above ground	No 6			
	BUDGETARY ALLOWANCES				
	Soil drainage and water supplies				
2/10/14	Allow the Budgetary Amount of R 950 000.00 (Nine Hundred and Fifty Thousand Rand) NET checking of existing installation and fixing where necessary for testing and commissioning.	Item		950 000.0	00
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	BILL NO.11				
	GLAZING				
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 150 for CPAP formula purposes				
	GLAZING TO STEEL WITH PUTTY				
	4mm Annealed clear glass				
2/11/1	Panes not exceeding 0,1m2	m2	270		
	4mm Obscure glass				
2/11/2	Panes not exceeding 0.1m2	m2	109		
	6mm Clear toughened safety glass				
2/11/3	Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	142		
	MIRRORS				
	Mirrors shall be silvered float glass with polished edges all round, and fixed with double sided adhesive tape:				
2/11/4	6mm Mirror size 450 x 600mm, four times holed and recessed to tiling and fixed to plastered wall	No	435		
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	BILL NO.12			
	PAINTWORK			
	NOTE: Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 152 for CPAP formula purposes			
	<u>Materials</u>			
	All painting materials used in this contract shall be of the manufacture specified and shall comply with the manufacturer's application instructions			
	When the Contractor's tender has been accepted, he shall submit to the Architect, for approval, a list of all painting and decorating materials he proposes to use. This list shall show the name of the manufacturer and the trade/brand name of the paint or other material. Only those paints and materials that have been approved by the Architect shall be brought on the site and used on the works. The Architect may inspect the paint so brought on and take samples from them for testing purposes			
	On no account may paint from different manufacturers be mixed together			
	NOTES			
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	Application of paint					
	exterior painting shall not be carried out during rainy, damp, frosty or other inclement weather or when such weather can reasonably be expected within the next 8 hours. Each coat of paint, irrespective of the method of application, shall be adequately and permanently keyed on to the previous coat or surface and shall be evenly distributed, continuous and shall dry to a film free of sags, runs or other imperfections. Each priming coat and undercoat of painting shall be inspected by the Architect before any subsequent undercoat or finishing coat is applied. Priming coats shall be well brushed in to obtain maximum penetration					
	PAINTWORK ETC TO PREVIOUSLY PAINTED SURFACES					
	ON FLOATED PLASTER SURFACES					
	Prepare, clean surfaces free of dust, peeling paint and apply one coat super acrylic interior PVA paint					
2/12/1	On internal plastered walls	m2	12 695			
	Prepare, clean surfaces free of dust and apply one coat super acrylic exterior PVA paint					
2/12/2	On external plastered walls	m2	7 840			
	ON WOOD					
	Prepare, clean surfaces free of dirt and apply one coat high gloss enamel					
2/12/3	On doors	m2	98			
	ON PLASTERBOARD SURFACES					
	One coat plaster primer and two coat water based superior low sheen acrylic, durable and washable paint					
2/12/4	Ceilings and cornices, including priming metal cover strips and nailheads	m2	109			
						<u> </u>
	Carried to Collection			R		L
	Section No. 2 BUILDINGS					
	Bill No. 12 PAINTWORK					
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS					

ON METAL					
Prepare, clean surfaces free of rust and apply two coats gloss enamel paint					
On door frames	m2	60			
On doors including frames	m2	45			
On windows with burglar bars	m2	136			
Balustrading	m	276			
PAINTWORK ETC TO NEW WORK					
ON FLOATED PLASTERED SURFACES					
Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats					
On plastered walls	m2	4 582			
On internal concrete soffits	m2	3 856			
Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats					
On external plastered walls	m2	6 580			
ON WOOD SURFACES					
One coat wood primer, one coat universal undercoat and two coats high gloss enamel					
On doors	m2	945			
ON METAL SURFACES					
Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel					
On door frames	m2	328			
					_
Carried to Collection			R		<u> </u>
BUILDINGS					
PAINTWORK					
	Prepare, clean surfaces free of rust and apply two coats gloss enamel paint On door frames On doors including frames On windows with burglar bars Balustrading PAINTWORK ETC TO NEW WORK ON FLOATED PLASTERED SURFACES Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats On plastered walls On internal concrete soffits Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On external plastered walls ON WOOD SURFACES One coat wood primer, one coat universal undercoat and two coats high gloss enamel On doors ON METAL SURFACES Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel On door frames Carried to Collection Section No. 2 BUILDINGS Bill No. 12	Prepare, clean surfaces free of rust and apply two coats gloss enamel paint On door frames M2 On doors including frames M2 On windows with burglar bars Balustrading m PAINTWORK ETC TO NEW WORK ON FLOATED PLASTERED SURFACES Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats On plastered walls M2 On internal concrete soffits m2 Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On external plastered walls M2 ON WOOD SURFACES One coat wood primer, one coat universal undercoat and two coats high gloss enamel On doors M2 ON METAL SURFACES Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel On door frames Carried to Collection Section No. 2 BUILDINGS BIII No. 12 PAINTWORK	Prepare, clean surfaces free of rust and apply two coats gloss enamel paint On door frames m2 60 On doors including frames m2 45 On windows with burglar bars m2 136 Balustrading m 276 PAINTWORK ETC TO NEW WORK ON FLOATED PLASTERED SURFACES Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats On internal concrete soffits m2 3 856 Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On external plastered walls m2 6 580 ON WOOD SURFACES One coat wood primer, one coat universal undercoat and two coats high gloss enamel On doors m2 945 ON METAL SURFACES Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel On door frames m2 328 Carried to Collection Section No. 2 BUILDINGS BIII No. 12 PAINTWORK	Prepare, clean surfaces free of rust and apply two coats gloss enamel paint On door frames m2 60 On doors including frames m2 45 On windows with burglar bars m2 136 Balustrading m 276 PAINTWORK ETC TO NEW WORK ON FLOATED PLASTERED SURFACES Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats On plastered walls m2 4 582 On internal concrete soffits m2 3 856 Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On external plastered walls m2 6 580 ON WOOD SURFACES One coat wood primer, one coat universal undercoat and two coats high gloss enamel On doors m2 945 ON METAL SURFACES Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel On door frames m2 328 Carried to Collection R Section No. 2 BUILDINGS BIII No. 12 PAINTWORK	Prepare, clean surfaces free of rust and apply two coats gloss enamel paint On door frames m2 60 On doors including frames m2 45 On windows with burglar bars m3 136 Balustrading m 276 PAINTWORK ETC TO NEW WORK ON FLOATED PLASTERED SURFACES Prepare, stop and apply one acrylic fillercoat and two coats super acrylic interior PVA finishing coats On internal concrete soffits m2 3 856 Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On internal concrete soffits m2 3 856 Prepare, stop and apply one acrylic fillercoat and two coats super acrylic exterior PVA finishing coats On external plastered walls On external plastered walls M2 6 580 ON WOOD SURFACES One coat wood primer, one coat universal undercoat and two coats high gloss enamel On doors M2 945 ON METAL SURFACES Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat loss enamel On door frames Carried to Collection R Section No. 2 BUILDINGS BII No. 12 PAINTWORK

2/12/14	On doors including frames	m2	876		
2/12/15	On windows with burglar bars	m2	2 976		
2/12/16	Balustrading	m	1 305		
	ON FIBRE-CEMENT				
	One coat primer and two coats exterior quality PV/emulsion paint	<u> </u>			
2/12/17	On fascias and bargeboards	m2	982		
	Section No. 2	tion		R	\vdash
	BUILDINGS Bill No. 12				
	PAINTWORK FREE STATE DEPARTMENT OF HUMAN SETTLEM	ENTS			

	Section No. 2				
	BUILDINGS				
	Bill No. 12				
	PAINTWORK				
	COLLECTION				
		Page No		Amount	
,	Total Brought Forward from Page No.	58			
		59			
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		61			
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	Bill No. 12 PAINTWORK				
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	Section No. 2			
	BUILDINGS			
	SECTION SUMMARY - BUILDINGS	_		
Bill No		Page No		Amount
2/1	CONCRETE, FORMWORK & REINFORCEMENT	35		
2/2	MASONRY	39		
2/3	WATERPROOFING	40		
2/4	CARPENTRY AN JOINERY	43		
2/5	IRONMONGERY	46		
2/6	METALWORK	47		
2/7	CEILINGS, PARTITIONS AND ACCESS FLOORING	50		
2/8	PLASTERING	51		
2/9	TILING	52		
2/10	PLUMBING DRAINAGE	56		
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2/12	PAINTWORK	62		
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Item No		Quantity	Rate	Amount	_
	SECTION NO. 3				
	BILL NO.1				
	PROVISIONAL SUMS				
	NOTES:				
	 The Contractor's attention is drawn specifically to the Principal Building Agreement Clause 20.0 (Nominated Sub-Contractors), Clause 21.0 (Selected Sub-Contractors) and Clause 22 (Work by Others) and to the related Clauses in Section 1, Bill No. 1 - Preliminaries 				
	 The Contractor's attention is drawn also to the definition of attendance on Nominated or Selected Sub-Contractors and of fuel, power and water for commissioning of mechanical and other specialised installations given in the JBCC Preliminaries 				
	 Where special attendance includes the provision of hoisting facilities for a Sub-Contractor then the Contractor shall:- 				
	* Ensure that the capacities of his hoisting equipment are sufficient to deal with the masses and the quantities of the items to be hoisted,				
	 Schedule the times of availability of the hoisting equipment for each Sub-Contractor, 				
	 Provide all necessary personnel to operate the hoisting equipment, 				
	all to enable the Sub-Contractor to execute the hoisting or lowering of his material, etc. using the facilities provided by the Contractor				
	Carried to Collection Section No. 3 PROVISIONAL SUMS Bill No. 1		R		_
	PROSISIONAL SUMS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	Carried to Collection Section No. 3 PROVISIONAL SUMS Bill No. 1 PROSISIONAL SUMS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS		R	
3/1/7	HEAT PUMPS Heat Pumps Commissioning Provide the amount of R 12 580 000.00 (Twelve Million Five Hundred and Eighty Thousand Rand) for the supply and installation of heat pumps	ltem		12 580 000 00
3/1/6	Attendance on ditto	Item		
3/1/5	Profit on above items	Item		
3/1/4	Built-in Cupboards Provide the amount of R 2 230 000.00 (Two Million Two Hundred and Thirty Thousand Rand) for Built in Cupboards	ltem		2 230 000,00
	BUILT-IN CUPBOARDS			
3/1/3	Attendance on ditto	Item		
3/1/1	Provide the amount of R 1 243 000.00 (One Million Two Hundred and Forty Three Thousand Rand) for the supply and installation of Kitchen Stoves Profit on above items	Item Item		1 243 000 00
	KITCHEN STOVES Kitchen Stoves			
	The following amounts are for goods, services, etc., supplied, erected, fixed and installed complete:			
	NOMINATED SUB-CONTRACT AMOUNTS			
	CPAP Formula Work Group 190 shall apply to all lump sum amounts of profit and attendance			
	Under no circumstances may any Provisional Amount, etc. be extended at an amount lower than the amount given in this Bill			

3/1/8	Profit on above items	Item			
3/1/9	Attendance on ditto	Item			
	Carried to Collection		R		
	Section No. 3 PROVISIONAL SUMS				
	Bill No. 1				
	PROSISIONAL SUMS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				
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	Section No. 3				
	PROVISIONAL SUMS				
	Bill No. 1				
	PROSISIONAL SUMS				
	COLLECTION				
		Page No		Amount	
١	Total Brought Forward from Page No.	64			
		65			
		66			
	Carried to Final Summary		R		
	Section No. 3				
	PROVISIONAL SUMS Bill No. 1 PROSISIONAL SUMS				
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	Quantity	Rate	Amount
SECTION NO. 4			
BILL NO. 1			
EXTERNAL WORKS (PROVISIONAL)			
NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent			
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors			
SUPPLEMENTARY PREAMBLES			
<u>Preambles</u>			
The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.			
Proprietary Products In Descriptions			
Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent			
Nature Of Material To Be Excavated			
The material to be excavated is assumed to be predominantly of a composition that will allow excavation in "earth" as specified, but including a percentage of excavation in "soft rock" and "hard rock"			
Carried to Collection Section No. 4		R	
EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS			

Carting Away Of Excavated Material		—
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		
Density Testing On Filling		
Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved		
When additional testing is done on instruction of the Principal Agent and these tests are successful, they will be paid for additionally		
Nature of ground		
The nature of the ground is assumed to be loose sandy material, therefore 'earth', but possibly interspersed with 'soft rock' or 'hard rock'		
A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as 'earth'. All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as 'hard rock'		
<u>Formwork</u>		
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"		
Carried to Collection	R	
Section No. 4 EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS		
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	Reinforced Concrete					
	All reinforced concrete is to be compacted with a mechanical vibrator.					
	All concrete work shall comply to SABS 1200G					
	THE FOLLOWING IN ROADS AND PARKING					
	BULK EXCAVATIONS					
	Open face excavation in earth over sloping site					
4/1/1	Open face excavation	m3	10			
	Recompaction of surfaces					
4/1/2	Compaction of ground surfaces under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2	4 960			
	Keeping excavations free of water					
4/1/3	Keeping excavations free of water other than subterranean water		Item			
	Earth filling supplied by the contractor under parking areas, roadways, etc					
4/1/4	Base course of G5 material in accordance with SABS 1200 ME, stabilised to attain UCS>1,0 MPa after seven days and compacted to 95% Mod AASHTO density	m3	206			
4/1/5	Filling of C4 material in accordance with SABS 1200, compacted to 93% Mod AASHTO density	m3	60			
	Prescribed density tests on filling					
4/1/6	"Modified AASHTO Density" test	No	48			
						+
	Carried to Collection Section No. 4			R		\downarrow
	EXTERNAL WORKS					
	Bill No. 1 EXTERNAL WORKS EDGE STATE DEPARTMENT OF HUMAN SETTLEMENTS					
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS					

	80mm Thick 35MDa proceet concrete interlocking				
	80mm Thick 35MPa precast concrete interlocking block paving of 100 x 200mm autumn colour paving blocks in accordance with SANS 1058, laid to falls on and including 25mm thick sand layer with joints filled in with sand, compacted with a vibration compactor				
4/1/7	Paving to roadway areas	m2	3 415		
	60mm Thick 35MPa precast concrete interlocking block paving of 100 x 200mm autumn colour paving blocks in accordance with SANS 1058, laid to falls on and including 25mm thick sand layer with joints filled in with sand, compacted with a vibration compactor				
4/1/8	Paving to sidewalks etc to falls	m2	835		
	Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing				
4/1/9	250 x 150mm High kerbs (SANS 927 fig 8) with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint, including excavation, backfilling, etc	m	328		
	Road signs				
4/1/10	Standard "STOP" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including any necessary excavation, paint finish, etc	No	28		
	<u>Paintwork</u>				
	Prepare and apply one coat white reflective road marking paint on bituminous road surfacing, precast concrete paving blocks, etc				
4/1/11	100mm Wide line	m	365		
4/1/12	100mm Wide dotted line	m	99		
4/1/13	Arrow 4000 x 300mm overall	No	9		
	Carried to Collection Section No. 4 EXTERNAL WORKS			R	_
	Bill No. 1 EXTERNAL WORKS				
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

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4/1/14	Arrow 5000 x 300mm overall	No	8		
4/1/15	Pedestrian crossing line 100mm wide x 3 000mm high	No	3		
4/1/16	Numeral or letter 500mm wide x 1300mm high overall of 150mm average thickness	No	4		
	BUDGETARY ALLOWANCES				
	Landscaping				
4/1/17	Provide the sum of R 950 000.00 (Nine Hundred and Fifty Thousand Rand) for soft landscaping not covered elsewhere in this document and to be deducted in part or whole if not required		ltem		950 000 00
	THE FOLLOWING IN PALISADE FENCING				
	<u>EARTHWORKS</u>				
	Clearing Of Site:				
4/1/18	Allow for clearing site for the width of 1,000 mm where fencing runs are to be erected including removing trees, shrubs etc. not exceeding 200mm girth, grubbing up roots and roughly levelling.	m	368		
	METALWORK				
	Mild Steel				
	Carried to Collection			R	
	Section No. 4 EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS				
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

Devil's Fork" Palisade Security Fencing, Primed For Painting (Painting Elsewhere Measured) 3000 x 1800mm High palisade fence panel formed with twenty 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 40 x 40 x 3mm angle iron section slotted top, middle and bottom as horizontal supports welded to steel posts on both ends; twenty one 100mm long 25 x 25 x 3mm angle iron sections ends welded to the top incrizontal bearer; twenty one 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle bearer to form doggy bars. (Posts and footings elsewhere measured) Pedestrian gate 840 x 1600mm high, formed with six 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 40 x 3mm angle iron section slotted middle and bottom as norizontal supports welded to the frame; five 100mm ong 25 x 25 x 3mm angle iron sections ends welded to the top horizontal bearer; five 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle bearer to form doggy bars, with two 20mm diameter	No	520		
ewenty 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 40 x 40 x 3mm angle iron section slotted top, middle and bottom as horizontal supports welded to steel posts on both ends; twenty one 100mm long 25 x 25 x 3mm angle iron sections ends welded to the top norizontal bearer; twenty one 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle bearer to form doggy bars. (Posts and footings elsewhere measured) Pedestrian gate 840 x 1600mm high, formed with six 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 40 x 3mm angle iron section slotted middle and bottom as norizontal supports welded to the frame; five 100mm ong 25 x 25 x 3mm angle iron sections ends welded to the top horizontal bearer; five 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle	No	520		
Pedestrian gate 840 x 1600mm high, formed with six 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 40 x 3mm angle iron section slotted middle and bottom as norizontal supports welded to the frame; five 100mm ong 25 x 25 x 3mm angle iron sections ends welded to the top horizontal bearer; five 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle	No	520		
1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 40 x 3mm angle iron section slotted middle and bottom as norizontal supports welded to the frame; five 100mm ong 25 x 25 x 3mm angle iron sections ends welded to the top horizontal bearer; five 600mm long 25 x 25 x 3mm angle iron sections welded to bottom and middle				
oullet hinges welded on to the gate post (elsewhere), gate handle, etc.	No	1		
Sliding motor vehicle gate 6000 x 1800mm high, formed with thirty three 1800mm long 25 x 25 x 3mm vertical ntermediary angle section, continuous welded to and not	No	1		
30mm Union 3122 padlock including two padlock lugs welded on to framing.	No	2		
Carried to Collection			R	
Section No. 4 EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				
9 8 4 r r 4 a 1 4 c 0 0 8 4	sliding motor vehicle gate 6000 x 1800mm high, formed vith thirty three 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 0 x 3mm angle iron section slotted middle and bottom is horizontal supports welded to the frame; thirty four 00mm long 25 x 25 x 3mm angle iron sections ends velded to the top horizontal bearer; thirty four 600mm long 25 x 25 x 3mm angle iron sections welded to ottom and middle bearer to form doggy bars, with two airs of rollers fitted to the underside of the gate, two uide rollers, gate handle, etc. Carried to Collection section No. 4 XTERNAL WORKS Ill No. 1 XTERNAL WORKS	Sliding motor vehicle gate 6000 x 1800mm high, formed vith thirty three 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 0 x 3mm angle iron section slotted middle and bottom is horizontal supports welded to the frame; thirty four 00mm long 25 x 25 x 3mm angle iron sections ends velded to the top horizontal bearer; thirty four 600mm long 25 x 25 x 3mm angle iron sections welded to ottom and middle bearer to form doggy bars, with two lairs of rollers fitted to the underside of the gate, two lide rollers, gate handle, etc. Carried to Collection look 4 XTERNAL WORKS Ill No. 1 XTERNAL WORKS	ate handle, etc. No Sliding motor vehicle gate 6000 x 1800mm high, formed with thirty three 1800mm long 25 x 25 x 3mm vertical netermediary angle section, continuous welded to and noluding 100 x 50 x 3mm hollow section frame and 40 x 0 x 3mm angle iron section slotted middle and bottom s horizontal supports welded to the frame; thirty four 00mm long 25 x 25 x 3mm angle iron sections ends relded to the top horizontal bearer; thirty four 600mm ong 25 x 25 x 3mm angle iron sections welded to ottom and middle bearer to form doggy bars, with two airs of rollers fitted to the underside of the gate, two uide rollers, gate handle, etc. No Omm Union 3122 padlock including two padlock lugs relded on to framing. Carried to Collection Section No. 4 XTERNAL WORKS Ill No. 1 XTERNAL WORKS	ate handle, etc. No Itiditing motor vehicle gate 6000 x 1800mm high, formed with thirty three 1800mm long 25 x 25 x 3mm vertical intermediary angle section, continuous welded to and including 100 x 50 x 3mm hollow section frame and 40 x 0 x 3mm angle iron section slotted middle and bottom is horizontal supports welded to the frame; thirty four 000mm long 25 x 25 x 3mm angle iron sections ends welded to the top horizontal bearer; thirty four 600mm long 25 x 25 x 3mm angle iron sections welded to ottom and middle bearer to form doggy bars, with two airs of rollers fitted to the underside of the gate, two uide rollers, gate handle, etc. No Omm Union 3122 padlock including two padlock lugs welded on to framing. Carried to Collection R Ection No. 4 XTERNAL WORKS III No. 1 XTERNAL WORKS

	Posts, Stays, etc				
4/1/23	75 x 75 x 3mm Hollow section intermediate post 2400mm long closed with 100 x 100 x 3mm pole cap welded at tops, two 12mm steel rod 300mm long welded at bottoms , the post set in exact position in concrete footing	No	150		
4/1/24	Gate stop post formed with two 75 x 75 x 3mm Hollow section post 2600mm long, each pole closed with 100 x 100 x 3mm pole cap welded at tops and fitted with two 12mm steel rod 300mm long welded at bottoms , the post set in exact position in concrete footing	No	1		
4/1/25	Guide post formed with 75 x 75 x 3mm Hollow section framing 6220mm girth, twice bent, welded at angles and mitred, two ends fitted with two 12mm steel rod 300mm long welded at bottoms, the post set in exact position in concrete footing	No	1		
4/1/26	100 x 100 x 4mm Hollow section intermediate post 2400mm long closed with 110 x 110 x 4mm pole cap welded at tops, two 12mm steel rod 300mm long welded at bottoms , the post set in exact position in concrete footing	No	4		
	<u>PAINTWORK</u>				
	Spot Prime Defects In Pre-primed Surfaces With Zinc Chromate Primer, Apply One Universal Undercoat And Two Coats Non-drip Polyurethane Enamel Paint				
4/1/27	Palisade fence, gates, etc (both sides measured over the full flat area)	m2	2 448		
4/1/28	On rails, bars, pipes, etc not exceeding 300 mm girth	m	15		
	THE FOLLOWING IN POWER SUB-STATION				
	Brickwork in foundations				
	Carried to Collection			R	
	Section No. 4 EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar				
4/1/29	One brick walls	m2	33		
	Brickwork reinforcement				
4/1/30	150mm Wide reinforcement built in horizontally	m	100		
	Brickwork in superstructure				
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar				
4/1/31	Half brick walls in beamfilling	m2	8		
4/1/32	One brick walls	m2	106		
	Brickwork reinforcement				
4/1/33	150mm Wide reinforcement built in horizontally	m	311		
	"Stresso" or other equally approved pre-stressed fabricated lintels				
4/1/34	100 x 70mm Lintels in lengths not exceeding 3m	m	18		
	Galvanised hoop iron cramps, ties, etc				
4/1/35	30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end cast into concrete	No	28		
	Air bricks etc				
4/1/36	229 x 152mm Clay vermin proof air brick	No	6		
	Damp-proofing to walls and floors				
	One layer of 250 micron "Consol Plastics Gunplas Black" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"				
4/1/37	Under surface beds	m2	31		
	Carried to Collection			R	
	Section No. 4 EXTERNAL WORKS				
	Bill No. 1 EXTERNAL WORKS				
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

4/1/38	Under footingss	m2	41		Π
4/1/39	Vertically between walls	m2	91		
	Roof coverings, etc				
	0.7mm Galvanised IBR roof covering or similar approved fixed to steel purlins				
4/1/40	Roof covering with pitch not exceeding 25 degrees	m2	68		
	Structural steelwork				
	Purlins and girts built into brickwork				
4/1/41	150 x 50x 20 x 2,5mm Lipped channel section beams	t	0.17		
	Purlins and girts bolted to steel				
4/1/42	75 x 50 x 20 x 2,5mm Lipped channel section purlins	t	0.27		
	"Nullifier" intumescent coating, with a fire potection of 120 minutes				
4/1/43	Steel lipped channel purlins and beams	m2	47		
	<u>Metalwork</u>				
	"Bitcon Industries" doors				
4/1/44	Door size 1200 x 2134mm high with 1.6mm rebated frame suitable for one brick wall with and including barrel bolt, spring load hand lock grip and pull clamp and padlock	No	1		
4/1/45	Double leaf door overall size 1830 x 2438mm high fitted with pull handle, padlatch and barrel bolts including 1.6mm mild steel rebated frame suitable for one wall	No	1		
	Prestressed steel transformer doors and frames				
	Carried to Collection Section No. 4 EXTERNAL WORKS Bill No. 1 EXTERNAL WORKS			R	_
	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	"Bitcon Industries" doors				
4/1/46	Double leaf door overall size 1830 x 2438mm high with 900 x 747mm high louvred ventilation panel on each leaf fitted with pull handle, padlatch and barrel bolts including 1.6mm mild steel rebated frame suitable for one wall	No	1		
	Steel louvre panels				
	"Wespeco" transformer louvre panels rawl bolted into wall				
4/1/47	Three panels of 745 x 903mm high welded toghether	No	3		
	Sundry metalwork				
	<u>Fascias</u>				
4/1/48	250 x 50 x 20 x 2,5mm Lipped channel to fascias	m	30		
	Anchors cast into concrete				
4/1/49	450 x 16mm Diameter rod iron anchor cast into concrete	No	38		
	Angle iron welded				
4/1/50	50 x 50 x 6mm Angle iron welded welded to anchors at 400mm centres	m	20		
	Trench covers				
4/1/51	560 x 6mm Thich embrossed tread checkered plate in trench covers	m	5		
4/1/52	700 x 6mm Thich embrossed tread checkered plate in trench covers	m	8		
4/1/53	900 x 6mm Thich embrossed tread checkered plate in trench covers	m	4		
	Nailed up ceilings				
	Carried to Collection			R	
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	FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

	6,4mm "Rhino" gypsum plasterboard with 10 x 44mm cover strips over joints				
4/1/54	Ceilings including 38 x 38mm sawn softwood brandering at 450mm centres	m2	40		
4/1/55	Extra over ceiling for opening for 20mm diameter downlighter	No	4		
4/1/56	Extra over ceiling for 650 x 650mm trap door of 38 x 38mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1		
	"Rhino" gypsum plasterboard cornices				
4/1/57	75mm Coved cornices	m	44		
	<u>Screeds</u>				
	Untinted granolithic on concrete				
	Untinted granolithic on concrete				
4/1/58	30mm Thick on floors and landings	m2	31		
	Internal plaster				
	Two coat plaster with gypsum finish on brickwork				
4/1/59	On walls	m2	131		
4/1/60	On narrow widths	m2	3		
	External plaster				
	Cement plaster on brickwork				
4/1/61	On walls	m2	88		
4/1/62	On narrow widths	m2	3		
	Paintwork on floated plaster				
					_
	Carried to Collection			R	
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	Prepare, stop and apply one exterior acrylic undercoat and two coats super acrylic "Midas Envirolite" finishing coats				
4/1/63	On plastered external walls	m2	88		
	Prepare, stop and apply one interior acrylic undercoat and two coats super acrylic "Midas Envirolite" finishing coats				
4/1/64	On plastered internal	m2	131		
	On plaster board				
	One filler coat and two coats exterior quality PVA emulsion paint				
4/1/65	On ceilings and cornices	m2	40		
	On metal				
	Touch up manufacturer's priming coat with metal primer for steel and apply one coat undercoat and one coat gloss enamel on:				
4/1/66	On doors	m2	23		
4/1/67	Door frames	m2	1		
	SUPPLEMENTARY PREAMBLES				
	BUDGETARY ALLOWANCES				
	Cleaning				
4/1/68	Allow the Budgetary Amount of R 220 000.00 (Two Hundred and Twenty Thousand Rand) NET for general cleaning and carting away rubble from site		Item		220 000.00
	Carried to Collection Section No. 4			R	
	EXTERNAL WORKS Bill No. 1				
	EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				

Section No. 4				
EXTERNAL WORKS				
Bill No. 1				
EXTERNAL WORKS				
COLLECTION				
	Page No		Amount	
Total Brought Forward from Page No.	68			
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Carried to Final Summary Section No. 4		R		_
EXTERNAL WORKS Bill No. 1				
EXTERNAL WORKS FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS				
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Item No		Quantity	Rate	Amount
	SECTION NO. 5			
	BILL NO.1			
	ELECTRICAL WORK			
	The Electrical Bill of Quantities is contained in a seperate document titled VOLUME II - ELECTRICAL TENDER DOCUMENT which is to be priced in full by the Contractor in terms of the Agreement and Schedule of Conditions of Building Contract and all other supplementary documents contained therein and in this Bill of Quantities. The amount obtained form the Summary of the above mentioned VOLUME II is to be fully, inclusive all necessary allowances except Value Added Tax which will be added in the Final Summary of this Bill of Quantities, and is to be entered as Sum in the provided column			
5/1/1	Electrical installation brought forward from the summary of Part II, ELECTRICAL TENDER DOCUMENT,			
	excluding Value Added Tax		SUM	
	Carried to Final Summary Section No. 5		R	
	ELECTRICAL WORK Bill No. 1 ELECTRICAL INSTALLATION FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS			

	FINAL SUMMARY			
Section No		Page No		Amount
1	PRELIMINARIES AND GENERAL	31		
2	BUILDINGS	63		
3	PROVISIONAL SUMS	67		
4	EXTERNAL WORKS	80		
5	ELECTRICAL WORK	81		
	SUB TOTAL 1		R	
	ADD:Budgetary amount for Community Liaising Officer to be used as directed by the Principal Agent or deducted in whole or in part if not required.	Item		36 000.00
	SUB TOTAL 2		R	
	ADD:Contingencies of 5% of subtotal Part3 to be used as directed by the Principal Agent or deducted in whole or in part if not required.	Item		
	SUB TOTAL 3		R	
	ADD: Provision for CPA	Item		1 544 000.00
	SUB TOTAL 4		R	
	Add VAT		R	
	TOTAL CARRIED TO FORM OF TENDER		R	
	Carried to Form of Tender FREE STATE DEPARTMENT OF HUMAN SETTLEMENTS		R	
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