

PREAMBLES FOR TRADES

The General Preambles for Trades 2008 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained

Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles

The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications

STRUCTURE OF THIS PRELIMINARIES BILL

Section A:

A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement

Section B:

A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries

Section C:

Any special clauses to meet the particular circumstances of the project

PRICING OF PRELIMINARIES

Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Carried to Collection

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Interpretation (A1-A7)

1 Clause 1.0 - Definitions and interpretation

Bills of quantities

The Bill of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work as amended published and issued by the Association of South African Quantity Surveyors - Seventh Edition, 2015

Pricing of bills of quantities

The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities

Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained

Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary

Abbreviated descriptions

The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in

Carried to Collection

R

Bill No. 1

PRELIMINARIES

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

terms of international best practice
Legal status of contractor

If the contractor constitutes a joint venture, consortium
or other unincorporated grouping of two or more persons
then:

1. These persons are deemed to be jointly and
severally liable to the employer for the performance of
this agreement
2. These persons shall notify the employer of their
leader who has assigned authority to bind the contractor
and each of these persons
3. The contractor shall not alter its composition or legal
status without the prior written consent of the employer

Item

1 Clause 2.0 - Law, regulations and notices

Law applicable to the works: Republic of South Africa

Item

2 Clause 3.0 - Offer and acceptance

Currency applicable to this agreement: ZAR

Item

3 Clause 4.0 - Cession and assignment

Item

4 Clause 5.0 - Documents

The original signed agreement is to be held by the East
Cape Development Corporation

The number of copies of construction information to be
issued to the contractor at no cost: 3

Documents comprising the agreement:

The JBCC® Principal Building Agreement For Organs
Of State, Edition 6.2 May 2018

The JBCC® General Preliminaries for use with the
JBCC® Principal Building Agreement, Edition 6.2 May
2018

Contract drawings

Bills of Quantities (balanced)

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Clause 6.0 - Employer's agents The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2] Principal Agent and delegated authority Principal agent's and agents interest of involvement in the works other than a professional interest N/A	Item		
2	Clause 7.0 - Design responsibility <u>Insurances and securities (A8-A11)</u>	Item		
3	Clause 8.0 - Works risk	Item		
4	Clause 9.0 - Indemnities	Item		
5	Clause 10.0 - Insurances	Item		
6	Clause 11.0 - Securities Waiver of lien It is expected of the contractor to waive his lien in terms of clause 11.10 Extension of waiver of lien The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10]	Item		
Carried to Collection			R	
Bill No. 1 PRELIMINARIES REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

Execution (A12 - A17) }

1 Clause 12.0 - Obligations of the parties

Office accommodation

The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]

Notice board

The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]

Statutory and other notices

The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard. It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto

Item

2 Clause 13.0 - Setting out

Item

3 Clause 14.0 - Nominated subcontractors

Item

4 Clause 15.0 - Selected subcontractors

As listed in the Contract Data

Item

Carried to Collection

R

Bill No. 1

PRELIMINARIES

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the user of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1]	Item		
2	Clause 17.0 - Contract instructions Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor <u>Completion (A18 - A24) }</u>	Item		
3	Clause 18.0 - Interim completion	Item		
4	Clause 19.0 - Practical completion	Item		
5	Clause 20.0 - Completion in sections	Item		
6	Clause 21.0 - Defects liability period and final completion	Item		
7	Clause 22.0 - Latent defects liability period	Item		
Carried to Collection			R	
Bill No. 1 PRELIMINARIES REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

- 1 Clause 23.0 - Revision of the date for practical completion

Substitution of materials and goods

The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8; 23.1 & 2]

Item

- 2 Clause 24.0 - Penalty for late or non-completion

Item

Payment (A25 - A27) }

- 3 Clause 25.0 - Payment

Prices submitted

Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Clause 26.0 - Adjustment of the contract value and final account Fluctuations in costs Contract value shall be adjusted in accordance with CPAP Cost of claims All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs Claims from subcontractors The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]	Item		
2	Clause 27.0 - Recovery of expense and/or loss <u>Suspension and termination (A28 - A29)</u>	Item		
3	Clause 28.0 - Suspension by the contractor	Item		
4	Clause 29.0 - Termination <u>Dispute resolution (A30)</u>	Item		
5	Clause 30.0 - Dispute resolution Agreement The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties Tenderer's selection Before submission of his tender the contractor is to complete the tenderer's selections in the contract data <u>SECTION B: GENERAL PRELIMINARIES</u> <u>Amendments, modifications, corrections or supplements to the General Preliminaries in Section B are recorded in the contract data</u>	Item		
	Carried to Collection		R	
	Bill No. 1 PRELIMINARIES REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

Definitions and interpretation (B1)

- | | | |
|---|-----------------------------|------|
| 1 | Clause 1.1 - Definitions | Item |
| 2 | Clause 1.2 - Interpretation | Item |

Documents (B2)

- | | | |
|---|---|------|
| 3 | Clause 2.1 - Checking of documents | Item |
| 4 | Clause 2.2 - Provisional bills of quantities | Item |
| 5 | Clause 2.3 - Availability of construction information | Item |
| 6 | Clause 2.4 - Ordering of materials and goods | Item |

Previous work and adjoining properties (B3)

- | | | |
|---|---|------|
| 7 | Clause 3.1 - Previous work - dimensional accuracy | Item |
| 8 | Clause 3.2 - Previous work - defects | Item |
| 9 | Clause 3.3 - Inspection of adjoining properties | Item |

The site (B4)

- | | | |
|----|--|------|
| 10 | Clause 4.1 - Handover of site in stages | Item |
| 11 | Clause 4.2 - Enclosure of the works | Item |
| 12 | Clause 4.3 - Geotechnical and other investigations | Item |
| 13 | Clause 4.4 - Encroachments | Item |
| 14 | Clause 4.5 - Existing premises occupied | Item |
| 15 | Clause 4.6 - Services - known | Item |

Management of contract (B5)

- | | | |
|----|--------------------------------------|------|
| 16 | Clause 5.1 - Management of the works | Item |
| 17 | Clause 5.2 - Progress meetings | Item |
| 18 | Clause 5.3 - Technical meetings | Item |

Carried to Collection

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

<u>Samples, shop drawings and manufacturer's instructions (B6)</u>			
1	Clause 6.1 - Samples of materials	Item	
2	Clause 6.2 - Workmanship samples	Item	
3	Clause 6.3 - Shop drawings	Item	
4	Clause 6.4 - Compliance with manufacturer's instructions	Item	
<u>Deposits and fees (B7)</u>			
5	Clause 7.1 - Deposits and fees	Item	
<u>Temporary services (B8)</u>			
6	Clause 8.1 - Water	Item	
7	Clause 8.2 - Electricity	Item	
8	Clause 8.3 - Ablution and welfare facilities	Item	
9	Clause 8.4 - Communication facilities	Item	
<u>Prime cost amounts (B9)</u>			
10	Clause 9.1 - Responsibility for prime cost amounts	Item	
<u>Attendance on subcontractors (B10)</u>			
11	Clause 10.1 - General attendance	Item	
12	Clause 10.2 - Special attendance	Item	
<u>General (B11)</u>			
13	Clause 11.1 - Protection of the works	Item	
14	Clause 11.2 - Protection/isolation of existing works and works occupied in sections	Item	
15	Clause 11.3 - Security of the works	Item	
16	Clause 11.4 - Notice before covering work	Item	
17	Clause 11.5 - Disturbance	Item	
Carried to Collection			R
Bill No. 1			
PRELIMINARIES			
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

1 Clause 11.6 - Environmental disturbance

Controlling all forms of pollution

The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc.

The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works

Item

2 Clause 11.7 - Works cleaning and clearing

Item

3 Clause 11.8 - Vermin

Item

4 Clause 11.9 - Overhand work

Item

5 Clause 11.10 - Tenant installations

Item

6 Clause 11.11 - Advertising

Item

SECTION C: SPECIFIC PRELIMINARIES

Specific Preliminaries

7 Warranties for materials and workmanship

Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or executing the work and shall deliver same to the principal agent on final completion of the contract

The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice

The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor

Item

Carried to Collection

R

Bill No. 1

PRELIMINARIES

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Overtime Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer	Item	
2	Cooperation of the contractor for cost management It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget	Item	
3	Overloading The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense	Item	
4	Propping of floors below The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor	Item	
5	Testing of flat roof waterproofing for watertightness Flat roof waterproof areas shall be flooded and kept 'ponded' for at least forty eight hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing	Item	
Carried to Collection			R
Bill No. 1 PRELIMINARIES REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

- 1 The Principal Contractor shall on a fulltime basis closely mentor, manage and supervise all SMMEs and shall manage, guide, and assist each SMMEs in all aspects of management, execution and completion of his/her subcontract. This shall typically include the on-site productivity planning and management of materials, cost management, contract management, Health and Safety management, quality management, communication management and close-out documentation.

Provision for pricing of compliance with the aforementioned is made under this clause and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.

Item

2 Health and safety

Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]

Item

3 The contractor shall

1. Comply with the health and safety specification for the works
2. Prepare and agree with the health and safety consultant the health and safety plan for the works
3. Cooperate with the health and safety consultant in all respects
4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification
5. Conform to the conditions contained in the employer's health and safety specification

Item

Carried to Collection

R

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Broad based black economic empowerment (BBBEE) Tenders submitted will be evaluated taking into account their empowerment rating The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBBEE rating including proof of the said rating	Item	
2	Advertising rights The may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement	Item	
3	Confidentiality The contractor undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works No information regarding this project shall be published or disclosed without the prior written consent of the employer	Item	
4	Media releases All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer. The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media	Item	
<u>SUMMARY OF CATEGORIES</u>			
Carried to Collection			
Bill No. 1			R
PRELIMINARIES			
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Collection

R

Bill No. 1
PRELIMINARIES
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 1

PRELIMINARIES

COLLECTION

Total Brought Forward from Page No.

Page
No

Amount

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

Carried to Summary

R

Bill No. 1

PRELIMINARIES

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Item No		Quantity	Rate	Amount
	<u>BILL NO. 2</u>			
	<u>NEW OFFICE EXTENSION BUILDING</u>			
	ALL TRADES			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>DEMOLITIONS</u>			
	<u>NOTE:</u>			
	Tenderers are advised to visit the site and to satisfy themselves, in conjunction with the drawings of the nature and extent of the works to be done.			
	The Contractor is advised to check all dimensions and heights on site affecting the existing buildings against those indicated on the plans as he will be held responsible for all new work being of the correct sizes. Should any discrepancies be found he is to refer them to the Architect for correction before proceeding with the work.			
	Special care is to be exercised not to interfere with any electric light, power or telephone wires and due notice must be given to the Architect for any disconnections that are necessary, and the Contractor is to afford every facility to the Electrician when making new connections.			
	In taking down and removing existing work, the utmost care is to be observed to avoid any structural or other damage to the remaining portion of the building. The Contractor must protect all work not removed, such as walls, floors, doors, windows or other joinery or fittings, etc., from damage during the progress of the work and provide all necessary material for so doing.			
	The Contractor will be held solely responsible for any damage to persons or property and for the safety of the portions of the existing buildings throughout the whole of the Contract, and must make good at his own expense any damage that may occur.			
	Carried to Collection		R	
	Bill No. 2			
	NEW OFFICE EXTENSION BUILDING			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

The materials to be used and the work to be done are to be similar in all respect to that described for new work in so far as they occur.

Old materials from the pulling down (except such as are described to be re-used or handed over to the Architect) are to become the property of the Contractor. Old materials for re-use are to be carefully taken out, stored and protected from injury and made good as required before being refixed. Old materials described to be handed over are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish are to be immediately carted away and the site left clean and unencumbered. None of the old bricks from the demolition are to be re-used for any new work unless otherwise described or directed.

For the purpose of this contract and to avoid misunderstanding, phrases stated hereunder have been defined and the Contractor is advised to study them as no claim whatsoever will be entertained as a result of him not so doing.

a)"Forming New Openings" shall include all labour and materials forming opening, cut toothings and bonding for and plumbing and flushing up reveals, cutting for and forming precast concrete, or reinforced brick lintol over including necessary turning pieces, reinforcement, etc.

b)"Bricking up Openings" shall include for all preparatory work, cut toothings and bond new brickwork to existing and preparing top of existing surface for raising upon and pinning up new brickwork to underside of existing.

c)"Making Good" shall include all labour and materials required to match existing work and is to include making good new work up to existing and labours to plaster, etc.

d)"Shoring" is not specifically mentioned in each item, however prices are to include for all shoring, needling, strutting, deadwork, etc., required.

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

ALTERATIONS, ETC

- 1 Allow for making good in all trades to existing work damaged or disturbed through alterations with all necessary new materials to match and generally described for new work and leave perfect in every respect.

Item

Break Up/Down, Take Out, Cut In Where Necessary And Remove From Site And Make Good Where Required

- 2 Roof sheeting including insulation, ridges, flashings etc

m2

96

- 3 Timber door and steel frame size 0.90 x 2.10m

No

3

- 4 Fibre cement/gypsumboard ceilings including bandering, cornices and cover strips

m2

96

- 5 80mm PVC rainwater pipes

m

12

- 6 125mm PVC Gutter

m

32

Forming Openings Through The Following And Make Good

- 7 One brick wall plastered both sides size 2.00 x 2.00m

No

4

FOUNDATIONS (PROVISIONAL)

Note:

Soft rock means all rock excavation except "hard rock" including hard shale, white limestone, mudstone, etc.

Hard rock means granite, quartzitic sandstone or rock of similar hardness and prices for excavation in hard rock are to include for blasting or by any other means.

Quantities are measured nett - no allowance will be made for bulking.-----

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

EARTHWORKS

Trench, Etc. Excavations

Excavate In Earth Not Exceeding 2.00m Deep Including
Trimming Sides, Levelling And Ramming Bottoms And
Deposit On Site In Spoil Heaps For:

1	Surface trenches	m3	85
2	Column bases	m3	1
3	Extra over trench, etc excavation in earth for excavation in soft rock	m3	9
4	Ditto, in hard rock	m3	5
5	Ditto, in existing brick foundations	m3	5
6	Ditto, in existing concrete foundations	m3	5
7	Risk of collapse to sides of trench, etc excavations not exceeding 1.50m deep	m2	246
8	Allow for keeping excavations free from water	Item	
9	Load surplus or unsuitable material from spoil heaps and cart away to a dumping site to be located by the contractor	m3	40
10	Earth filling using imported G7 material in backfilling to trenches, etc and compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density	m3	46
11	150mm Thick sub-base course of G7 material supplied by the contractor and compacted under floors, etc to 95% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	16

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	150mm Thick base course of G5 material supplied by the contractor and compacted under floors, etc to 98% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	16
2	50mm Layer of approved river sand supplied by the contractor and compacted under floors to 93% AASHTO density	m2	107
3	Approved ant poisoning under floors	m2	107
4	Trim and restore to original level, scarify in-situ material to a depth of 150mm and compact to 93% Mod AASHTO density	m2	107
5	Modified AASHTO density test on filling, etc	No	6

CONCRETE

Note:

For convenience test cubes and reinforcement are measured under concrete, formwork and reinforcement hereafter.

Cement Concrete 15MPa/19mm Stone In:

6	Blinding under bases, etc cast against excavated surfaces	m3	3
---	---	----	---

Reinforced Cement Concrete 25MPa/19mm Stone In:

7	Footings cast against excavated surfaces	m3	15
8	Filling to cavity of hollow wall	m3	3
9	Bases	m3	1

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

<u>Reinforced Cement Concrete 30MPa/19mm Stone In:</u>		
1	Columns	m3 1
<u>Sundries</u>		
2	1.60mm Galvanised hoop iron tie 30mm wide x 450mm long with one end embedded 200mm deep in concrete and other end tacked to formwork and later bent down and built into brickwork as the work proceeds	No 16
<u>FORMWORK</u>		
<u>Close Rough Formwork (Use And Waste) As Per SABS 1200G 5.2.1.b (Degree Of Accuracy II) To Concrete To:</u>		
3	Sides of rectangular columns	m2 1
<u>MASONRY</u>		
<u>Note</u>		
Bricks to have a minimum compressive strength of 7MPa and are to be solid clay bricks, ie no openings.		
Mortar for brickwork to be Class 1 (28 days strength and 14.5MPa minimum)		
<u>Brickwork In (Class 1) Cement Mortar In:</u>		
4	Piers	m3 1
5	Half brick wall	m2 11
6	One brick wall	m2 73
7	270mm Hollow wall formed of two half brick skins including butterfly wire ties	m2 11
Carried to Collection		
Bill No. 2 NEW OFFICE EXTENSION BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH		

R

<u>Sundries</u>				
1	80mm Brick mesh reinforcement in walls	m	194	
2	155mm Ditto	m	1,285	
<u>Facings</u>				
<u>Facings Formed Of Selected Corobrik Firelight Satin FBX Face Bricks Pointed With Square Horizontal And Vertical Joints</u>				
3	Extra over brickwork for faced brickwork	m2	6	
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>				
<u>CONCRETE</u>				
<u>Testing</u>				
4	Allow for preparing and curing set of three concrete test cubes, each size 150 x 150 x 150mm and pay all cost of transport to an approved mechanical laboratory and all testing charges	No	3	
<u>Reinforced Cement Concrete 30MPa/19mm Stone In:</u>				
5	Surface beds cast in panels including temporary formwork	m3	11	
6	Stairs including landings, beams and inverted beams	m3	2	
<u>Sundries</u>				
7	Average 50mm Thick SikaGrout 212 applied in strict accordance with product specifications under baseplate	m2	1	
8	Float top of concrete slab to a smooth finish with a wood float	m2	107	
Carried to Collection				R
Bill No. 2 NEW OFFICE EXTENSION BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

1	Form isolation joint to edge of concrete surface bed 125mm thick at construction joint (see HSC Consulting Engineers drawing No S01 Rev A)	m	76
2	4 x 50mm Saw cut joint in top of concrete surface bed (Provisional)	m	27
3	Sikaflex Pro-3WF with backing cord in filling to the above saw cut joint in strict accordance with the Manufacturers instructions (Provisional)	m	27
4	Cast set of four holding down bolts (elsewhere measured) in exact position in top of concrete column	No	1
<u>Contraction And Expansion Joints</u>			
5	Two layers of 3 Ply Malthoid with graphite grease in between in slip joint between concrete and brick surfaces not exceeding 300mm wide	m	76
6	10mm Closed cell polyethelene pre-formed joint filler not exceeding 300mm wide with 10 x 10mm hinged blocking piece between concrete or brick surfaces	m	76
7	Remove blocking piece and seal 10 x 10mm cavity with Sikaflex Pro-3WF polyurethane sealant	m	76
<u>FORMWORK</u>			
<u>Close Rough Formwork (Use And Waste) As Per SABS 1200G 5.2.1.b (Degree Of Accuracy II) To Concrete To:</u>			
8	Edge, riser, etc not exceeding 300mm high	m	49
<u>REINFORCEMENT</u>			
9	Mild and high tensile bars of all diameters	t	2

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Fabric Reinforcement

- 1 Type 193 fabric reinforcement cast into concrete surface beds

m2 107

MASONRYBRICKWORKNote

Bricks to have a minimum compressive strength of 7MPa and are to be solid clay bricks, ie no openings.

Mortar for brickwork to be Class 1 (28 days strength and 14.5MPa minimum)

Brickwork In (Class 1) Cement Mortar In:

- 2 Piers

m3 1

- 3 Half brick wall

m2 25

- 4 Ditto, in beam filling

m2 2

- 5 One brick wall

m2 175

- 6 Ditto, in beam filling

m2 20

- 7 270mm Hollow wall formed of two half brick skins including butterfly wire ties

m2 26

- 8 200mm Cut brick on edge sill set sloping

m 15

Sundries

- 9 Bag outer face of inner skin of brickwork and apply two coats bituminous paint

m2 26

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	Turning piece to half brick wide soffit	m	15
2	Cement mortar triangular fillet one course high in bottom of 50mm wide cavity wall including leaving open perpend at 1,00m centres	m	9
3	70 x 110mm Prestressed fabricated lintol in lengths not exceeding 3,00m	m	53
4	80mm Brick mesh reinforcement in walls	m	924
5	155mm Ditto	m	2,340
6	2mm galvanised hoop iron roof tie 38mm wide x 1200mm long with one end fixed to timber and other end built into brickwork	No	16
<u>Facings</u>			
<u>Facings Formed Of Selected Corobrik Firelight Satin FBX Face Bricks Pointed With Square Horizontal And Vertical Joints</u>			
7	Extra over brickwork for faced brickwork externally	m2	99
8	Facebrick on edge cut lintol	m	8
9	200mm Wide cut facebrick on edge sill set sloping and slightly projecting	m	8
<u>Natural Grey Fibre Cement Sills In Single Lengths Bedded In Cement Mortar Including Metal Fixing Lugs. Etc</u>			
10	15 x 150mm Wide sill set flat and slightly projecting	m	8

WATERPROOFING

DAMPPROOFING OF FLOORS AND WALLS

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

<u>One Layer Of 250 Micron USB Green Waterproof Sheeting Sealed At Laps With Pressure Sensitive Tape</u>		
1	Under surface beds	m2 107
<u>One Layer Of 375 Micron Embossed Damp Proof Course</u>		
2	In walls	m2 16
<u>ROOF COVERINGS, ETC</u>		
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>		
<u>0.8mm Thick Galvanised Chromadek (Globalcoat Colour One Side) Colomet Roof Sheeting And Accessories Fixed To Steel/Timber Purlins Or Rails In Single Lengths All In Strict Accordance With The manufacturer's Instructions</u>		
3	Roof covering with pitch not exceeding 25 degrees	m2 230
4	Narrow flute serrated closer including polyclosers	m 120
5	Broad flute serrated closer including polyclosers	m 120
6	Sidewall flashing 462mm girth	m 60
7	Gable flashing 462mm girth	m 30
8	Headwall flashing 462mm girth	m 30
9	Ridge capping 462mm girth	m 30

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Insulation, Etc

- | | | | |
|---|--|----|-----|
| 1 | "Enviro-tuff 203 Industrial Foil" insulation laid taut over purlins at approximately 1.00m centres and fixed concurrent with roof covering including galvanised steel straining wires where required | m2 | 230 |
|---|--|----|-----|

CARPENTRY AND JOINERYROOF TRUSSES

The Following Trusses Shall Be "Gangnail" Or Other Approved Engineering Designed Roof Trusses Manufactured From Sawn S.A. Pine At Average 1000mm Centres To Support Kliplok Roof Sheeting With Suspended Ceilings Under, Including Hoisting And Fixing In position Approximately 30m Above Ground Floor Level (Structural Engineers Certificate To Be Supplied With Trusses And Upon Completion Of Installation To Confirm That Installation Complies With Original Design)

- | | | | |
|---|--|----|----|
| 2 | Double pitch truss 17.50 degree pitch with 5.5m span, stubbed 0.60m high on both sides and with eaves overhang of 0.6m on both sides | No | 18 |
| 3 | Ditto, but 7m span | No | 14 |

SundriesSawn Softwood

- | | | | |
|---|----------------------------------|---|-----|
| 4 | 38 x 76mm Bracing (Provisional) | m | 220 |
| 5 | 38 x 114mm Bracing (Provisional) | m | 280 |

ROOF TIMBERSSawn Softwood

- | | | | |
|---|-----------------------|---|----|
| 6 | 38 x 114mm Wall plate | m | 54 |
|---|-----------------------|---|----|

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	50 x 76mm Purlins	m	236
2	76 x 76mm Splayed purlins	m	120
	<u>Sundries</u>		
3	Teco galvanised hurricane clip fully nailed with 32mm galvanised clout nails	No	50
4	90 Degree Teco galvanised truss hanger bracket twice bolted to wall with and including bolts	No	50
	<u>EAVES, VERGES, ETC</u>		
	<u>Fibre Cement</u>		
5	12 x 225mm Fascia boards fixed to wood or steel	m	60
6	75 x 225mm Bargeboard fixed to wood or steel	m	30
	<u>SKIRTINGS</u>		
	<u>Wrot Meranti</u>		
7	19 x 76mm Skirting including 19mm quadrant bead	m	108
8	Ditto, but fixed to drywall partitions	m	27
	<u>DOORS</u>		
	<u>Semi-Solid Flush Doors Faced Both Sides With Commercial Veneer With Two Hardwood Edges Hung To Timber Or Steel Frames</u>		
9	44mm Door size 813 x 2032mm	No	11

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Extra for forming 413 x 860mm opening for view panel rebated all round to receive glass (elsewhere measured) including 22 x 22mm splayed glazing beads mitred around	No	6
2	Extra for forming 300 x 300mm opening for louvre unit (elsewhere measured)	No	3
	<u>Sundries</u>		
	<u>Wrot Meranti</u>		
3	19mm Quadrant bead	m	60
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
<u>SUSPENDED CEILINGS</u>			
<u>Note</u>			
Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)			
<u>1195 x 595 x 15mm Thick Owacoustic Premium Sandila/N Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees, Necessary Hangers, Grids, Etc Including Hold Down Clips To Panels</u>			
4	Ceilings suspended not exceeding 1.00m below timber trusses	m2	164

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

	<u>6mm Thick Fibre Cement Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees. Necessary Hangers, Grids, Etc. Including Skimming Entire Surface All In Strict Accordance With The Manufacturers Instructions</u>		
1	Ceilings suspended not exceeding 1.00m below timber trusses	m2	40
	<u>12mm Thick Rhinoboard Plasterboard Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees. Necessary Hangers, Grids, Etc. Including Skimming Entire Surface All In Strict Accordance With The Manufacturers Instructions</u>		
2	Ceilings suspended not exceeding 1.00m below timber trusses	m2	6
	<u>Sundries</u>		
3	19mm Quadrant cornice	m	67
4	Prepainted aluminium shadowline cornice plugged	m	103
5	115mm Thick "Aerolite" insulation with a Rval of 2.88m3 K/W laid over ceiling grid	m2	210
	<u>PARTITIONS, ETC</u>		
	<u>90mm Partition System As Supplied By Pelican Systems Or Other Approved Partitioning System With 63.5mm Steel Studs And Covered On Both Sides With 12.5mm Rhinoboard (Skirtings Elsewhere Measured)</u>		
6	Partitioning 2700mm high with bottom track plugged to floor including aluminium U-shaped capping to top of wall	m	18
7	Extra for wall end	No	5

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Ditto, T-intersection	No	5
2	Extra over partition for natural anodised aluminium door frame to suit door size 813 x 2032mm (door and ironmongery elsewhere measured) including three aluminium butts as Alufab 1040 and additional studding, trimming, etc	No	3
<u>FLOOR COVERINGS, PLASTIC LININGS, ETC</u>			
<u>FLOOR COVERINGS</u>			
<u>600 x 600mm Belgotex Grafica Crates Carpet Tiles Of Approved Colour Including Laying, Adhesive, Etc</u>			
3	To screeded floors	m2	95
<u>IRONMONGERY</u>			
4	Lever handle as Dorma CR001-Latch-SS	Sets	6
5	Pull handle as Dorma DRP-023-SS	No	1
6	Pull handle as Dorma DPH210-BT-SS	No	1
7	Bathroom WC indicator as Dorma DWC-005-SS	No	2
8	Bathroom deadlock as Dorma DMWC-008-SS	No	2
9	Cylinder sash lock as Dorma D036S-SS	No	6
10	Cylinder deadlock as Dorma D037D-SS	No	2
11	43mm Europrofile five pin single cylinder as Dorma DSC204101MK grand master keyed	No	2
Carried to Collection			
Bill No. 2 NEW OFFICE EXTENSION BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

R

1	65mm Europrofile five pin double cylinder as Dorma DDC206301MK grand master keyed	No	6
2	Escutcheon as Dorma DCE-002-SS	Pairs	8
3	Door closer as Dorma TS91B-SL	No	1
4	Stainless steel hand dryer as Franke FRA-2500002 fixed to wall	No	1
5	Soap dispenser as Franke Stratos STRX618 fixed to wall	No	1
6	Sanitary towel disposal bin as Franke Stratos STRX611 fixed to wall	No	1
7	Waste bin as Franke Stratos STRX605 fixed to wall	No	1
8	Door stop as Dorma DDS-017-SS	No	7
9	Hat and coat hook as Dorma DHC-S031B-SS	No	2
10	150 x 150mm Sign as Dorma DSS-132MF	No	1
11	150 x 300mm Push plate as Dorma DPP-430-BL-SF	No	1
12	950 x 200mm Kick plate counter screwed around perimeter as Dorma DKP-430-SF-200	No	2

METALWORK

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

GALVANISED MILD STEEL BURGLAR BARSNote

1. See attached window schedules for drawings of burglar bars.
2. Reference numbers are indicated in brackets at the end of each relevant description.

1	Burglar bars complete to suit opening size 4500 x 2100mm (SF01)	No	1
2	Ditto, size 2000 x 2100mm (SF02,SF04)	No	6

GALVANISED PRESSED STEEL DOOR FRAMES
INCLUDING BUILDING INTO POSITION1.6mm Metwin Double Rebated Frame For Half Brick
Wall With Three Butts Per Door Leaf

3	Frame for door size 813 x 2032mm	No	4
---	----------------------------------	----	---

1.6mm Metwin Double Rebated Frame For One Brick
Wall With Three Butts Per Door Leaf

4	Frame for door size 813 x 2032mm	No	4
---	----------------------------------	----	---

RECORD ROOM DOORS, ETC

5	"Transformer Type CV" record room door and frame complete	No	1
6	Double ended strongroom vents	No	2
7	Heavy duty door stop bolted to floor	No	1

8	Provide the budgetary allowance of R 30 000.00 (thirty thousand rand) for square hollow section beam to be adjusted as required
---	---

Item 30,000.00

PLASTERING

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Rake Out Cracks Using An Angle Grinder To A Minimum Of 45 x 8mm Deep. Remove Dust And Fill With Polycell Masonry Patching Plaster. Prepare With Plaster Primer And Fill And Overcoat With Professional Waterproofing Compound To 100mm Beyond Either Side of Repair

1	Cracks exceeding 4mm wide (Provisional)	m	30
---	---	---	----

SCREEDS

Untinted Granolithic On Concrete

2	30mm Thick on floors	m2	200
---	----------------------	----	-----

3	Ditto, to treads and risers of stairs	m2	2
---	---------------------------------------	----	---

INTERNAL PLASTER

Skimming The Entire Surface With 3-6mm Skim Coat Plaster

4	Walls including flush columns and beams	m2	200
---	---	----	-----

Cement Plaster On:

5	Walls including flush columns and beams	m2	235
---	---	----	-----

6	Ditto, in patches	m2	30
---	-------------------	----	----

7	Narrow widths	m2	15
---	---------------	----	----

EXTERNAL PLASTER

Skimming The Entire Surface With 3-6mm Skim Coat Plaster

8	Walls including flush columns and beams	m2	44
---	---	----	----

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Cement Plaster On:

1	Walls including flush columns and beams	m2	148
2	Ditto, in patches	m2	20
3	Narrow widths	m2	15

TILING

WALL TILING

Provide The Prime Cost Sum Of R 350.00/m2 Nett Supply Only For 1200 x 600mm Ceramic Wall Tiles - Prices Are To Include For Laying, Tal Goldstar Adhesive, Pointing With Tal Tinted Epoxy Grout, Waste And Profit (Plaster Elsewhere Measured)

4	On walls	m2	51
5	On narrow widths	m2	8

Sundries

6	Aluminium tile trim as Kirk Marketing ASQE120.N	m	30
7	PVC tile edging strip	m	50

FLOOR TILING

Provide The Prime Cost Sum Of R 350.00/m2 Nett Supply Only For 600 x 600mm Ceramic Floor Tiles - Prices Are To Include For Laying, Tal Goldstar Adhesive, Pointing With Tal Tinted Epoxy Grout, Waste And Profit (Screeds Elsewhere Measured)

8	On floors	m2	52
9	On treads and risers of stairs	m2	2

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Sundries

1	Aluminium tile trim as Kirk Marketing ASQE120.N fixed to top of skirting	m	40
2	PVC movement joint with grey insert as Kirk Marketing AMJ120.14 (Provisional)	m	30

PLUMBING (PROVISIONAL)RAINWATER GOODSPrepainted Aluminium Continuously Rolled Gutters,
Downpipes And Accessories

3	150 x 150mm Gutter including brackets	m	60
4	Extra for stopped end	No	8
5	Ditto, outlet for 100 x 75mm rainwater pipe	No	8
6	100 x 75mm rainwater pipe fixed to walls including brackets	m	24
7	Extra for shoe/bend	No	8
8	Ditto, spreader	No	8

PLUMBING ABOVE GROUNDSANITARY PLUMBINGUPVC Pipes And Fittings

9	40mm pipes	m	4
10	50mm Pipes	m	3

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	110mm Pipes	m	10
2	40mm Pipes chased into walls including making good to plaster	m	3
3	50mm Ditto	m	2
4	50mm Pipe chased into concrete floor including making good concrete	m	2
	<u>Extra For:</u>		
5	50mm Straight reducer	No	8
6	110mm Ditto	No	4
7	110mm Pan connector	No	2
8	110mm Bent pan connector	No	1
9	40mm Bend	No	2
10	50mm Bend	No	3
11	110mm Bend	No	7
12	40mm Inspection eye bend	No	3
13	50mm Ditto	No	1
14	110mm Ditto	No	2
15	40mm Junction	No	1

Carried to Collection

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	50mm Ditto	No	6	
2	110mm Ditto	No	1	
3	40mm Inspection eye junction	No	2	
4	50mm Ditto	No	5	
5	110mm Ditto	No	1	
6	50mm Inspection eye reducing junction	No	2	
7	110mm Ditto	No	3	
	<u>Sundries</u>			
8	50mm UPVC vent valve	No	3	
9	110mm Ditto	No	1	
10	32 x 40mm Chromium plated bottle trap as Cobra 340/N including joint to pipe and outlet of fitting	No	2	
11	40 x 40mm Ditto, as Cobra 360	No	2	
	<u>SANITARY FITTINGS</u>			
12	Close couple WC suite as "Cobra Welcome 772664WH" complete with porcelain pan, solid vandal proof plastic double flap seat and matching 6 litre top dual flush cistern, flush pipe, etc	No	2	
13	Wash hand basin as "Vaal 706601WH Midi Weaver 1TH Counter Basin" complete with waste union as Cobra 303/N, overflow tube attachment, plug and chain, brackets etc (taps elsewhere measured)	No	2	
	Carried to Collection			R
	Bill No. 2			
	NEW OFFICE EXTENSION BUILDING			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

Sundries

- 1 15mm Chromium plated angle regulating valve as Cobra 232-10/NV with 350mm flexi tube as Cobra C-15/350 including joints to pipes

No

4

- 2 15mm Chromium plated self closing pillar tap as Cobra KM2-100N including joints to pipes

No

2

TESTING

- 3 Allow for testing all sanitary plumbing, sanitary fittings and taps to the satisfaction of the architect and the Municipal Authorities, replace any defective work free of charge and leave perfect

Item

GLAZINGGLAZING TO WOOD WITH BEADS (ELSEWHERE MEASURED)

- 4 6.38mm Clear laminated safety glass and glazing in panes exceeding 0.10 and not exceeding 0,50m2

m2

3

MIRRORS

- 5 6mm Float glass silvered back mirror size 800 x 550mm with polished edged, four times holed for and screwed to plugs in wall with chromium plated dome headed screws and cork washers at back

No

2

PAINTINGPAINTING, ETC TO NEW WORKON PLASTER, ETC

Prepare Surface And Apply One Coat Plascon UC56 Primer And Two Coats Plascon Super Acrylic PVA Paint On:

- 6 Skimmed gypsumboard ceilings

m2

6

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Skimmed fibre cement eaves coverings including priming nail heads	m2	40
	<u>Prepare Surface And Apply One Coat Plascon UC56 Primer And Two Coats Plascon Super Eggshell Enamel Paint On:</u>		
2	Fibre cement sills	m2	2
3	Fibre cement fascia boards	m2	14
	<u>Prepare Surface And Apply One Coat Professional Plaster Primer (PP700) And Two Coats Professional Superior Low Sheen (PEM 1000) Paint On:</u>		
4	Internal plastered walls	m2	250
5	Drywall partitions	m2	95
	<u>Prepare Surface And Apply One Coat Professional Plaster Primer (PP700) And Two Coats Professional Superior Low Sheen (PEM 1000) Paint On:</u>		
6	External plastered walls	m2	163
	<u>ON METAL</u>		
	<u>Prepare Surface And Apply One Coat Bituminous Paint On:</u>		
7	Backs of door linings before setting up in position	m2	4
	<u>Prepare Surface And Apply One Coat Primer And Two Coats Plascon Velvagio Paint On:</u>		
8	Galvanised door frames	m2	8
9	Strongroom door and frame	m2	5
	<u>ON WOOD</u>		

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

<u>Prepare Surface And Apply One Coat Primer And Two Coats Velvagro Paint On</u>		
1	Doors	m2 33
2	Roof timbers	m2 210
<u>Prepare Surface And Apply Three Coats Satin Polyurethane Varnish On</u>		
3	Skirting, rail, etc not exceeding 300mm girth	m 135
<u>PAINTING, ETC TO EXISTING WORK</u>		
<u>ON PLASTER, ETC</u>		
<u>Wash Down, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply One Coat Plascon UC56 Plaster Primer And Two Coats Plascon Wall n All Paint On:</u>		
4	Internal plastered walls (Provisional)	m2 200
<u>Wash Down With A High Pressure Water Jet At 180-200 Bar Operating Pressure, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply TOne Coat Plascon PP950 Plaster Primer And Two Coats Plascon Wall n All Paint On:</u>		
5	External plastered walls	m2 44

Carried to Collection

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 2

NEW OFFICE EXTENSION BUILDING

COLLECTION

Total Brought Forward from Page No.

Page
No

Amount

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

Carried Forward

R

Bill No. 2

NEW OFFICE EXTENSION BUILDING

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

COLLECTION

Amount

Brought Forward

R

Total Brought Forward from Page No.

40

41

42

43

Carried to Summary

R

Bill No. 2
NEW OFFICE EXTENSION BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Item No		Quantity	Rate	Amount
	<u>BILL NO. 3</u>			
	<u>EXISTING DOUBLE STOREY OFFICE BUILDING</u>			
	ALL TRADES			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>DEMOLITIONS</u>			
	<u>NOTE:</u>			
	Tenderers are advised to visit the site and to satisfy themselves, in conjunction with the drawings of the nature and extent of the works to be done.			
	The Contractor is advised to check all dimensions and heights on site affecting the existing buildings against those indicated on the plans as he will be held responsible for all new work being of the correct sizes. Should any discrepancies be found he is to refer them to the Architect for correction before proceeding with the work.			
	Special care is to be exercised not to interfere with any electric light, power or telephone wires and due notice must be given to the Architect for any disconnections that are necessary, and the Contractor is to afford every facility to the Electrician when making new connections.			
	In taking down and removing existing work, the utmost care is to be observed to avoid any structural or other damage to the remaining portion of the building. The Contractor must protect all work not removed, such as walls, floors, doors, windows or other joinery or fittings, etc., from damage during the progress of the work and provide all necessary material for so doing.			
	The Contractor will be held solely responsible for any damage to persons or property and for the safety of the portions of the existing buildings throughout the whole of the Contract, and must make good at his own expense any damage that may occur.			
	Carried to Collection		R	
	Bill No. 3			
	EXISTING DOUBLE STOREY OFFICE BUILDING			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

The materials to be used and the work to be done are to be similar in all respect to that described for new work in so far as they occur.

Old materials from the pulling down (except such as are described to be re-used or handed over to the Architect) are to become the property of the Contractor. Old materials for re-use are to be carefully taken out, stored and protected from injury and made good as required before being refixed. Old materials described to be handed over are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish are to be immediately carted away and the site left clean and unencumbered. None of the old bricks from the demolition are to be re-used for any new work unless otherwise described or directed.

For the purpose of this contract and to avoid misunderstanding, phrases stated hereunder have been defined and the Contractor is advised to study them as no claim whatsoever will be entertained as a result of him not so doing.

a)"Forming New Openings" shall include all labour and materials forming opening, cut toothings and bonding for and plumbing and flushing up reveals, cutting for and forming precast concrete, or reinforced brick lintol over including necessary turning pieces, reinforcement, etc.

b)"Bricking up Openings" shall include for all preparatory work, cut toothings and bond new brickwork to existing and preparing top of existing surface for raising upon and pinning up new brickwork to underside of existing.

c)"Making Good" shall include all labour and materials required to match existing work and is to include making good new work up to existing and labours to plaster, etc.

d)"Shoring" is not specifically mentioned in each item, however prices are to include for all shoring, needling, strutting, deadwork, etc., required.

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

ALTERATIONS, ETC

1	Allow for making good in all trades to existing work damaged or disturbed through alterations with all necessary new materials to match and generally described for new work and leave perfect in every respect.		Item
<u>Break Up/Down, Take Out, Cut In Where Necessary And Remove From Site And Make Good Where Required</u>			
2	100mm Thick concrete aprons	m2	33
3	300mm Half round precast concrete channel	m	116
4	One brick wall	m2	15
5	Concrete tank stand size 1.00 x 1.00m including tank	No	2
6	Roof slab waterproofing	m2	18
7	Brick paving	m2	15
8	Roof sheeting including insulation, ridges, flashings etc	m2	450
9	Timber door and frame size 1.40 x 2.50m with fixed fanlight above	No	1
10	Timber door and steel frame size 0.90 x 2.10m	No	1
11	Timber shopfront size 2.90 x 2.70m	No	1
12	Ditto, but size 0.90 x 2.40m with fixed fanlight above	No	1
13	Timber skirting	m	428

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Timber sun louvres	m2	215
2	Timber acoustic panels	m2	93
3	Timber counter fitting 600mm high	m	5
4	Timber curtain track	m	100
5	Various signage on walls		Item
6	Suspended ceiling and bulkheads including gridwork, cornice etc	m2	28
7	Fibre cement/gypsumboard ceilings including bandering, cornices and cover strips	m2	849
8	Drywall partition with aluminium fanlight 2.70m high	m	428
9	Vinyl tiles to floors and prepare to receive new ceramic tiles (elsewhere measured)	m2	74
10	Carpet tiles to floors and prepare screed to receive new porcelain tiles (elsewhere measured)	m2	589
11	Aluminium door size 1.60 x 2.70mm	No	2
12	Ditto, size 3.00 x 2.70mm	No	1
13	Strongroom door size 0.95 x 2.10m	No	2
14	Aluminium shopfront size 3.00 x 2.70mm	No	1
15	Aluminium window size 1.80 x 1.80mm	No	1

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	Steel burglar bars size 1.00 x 1.20m	No	92
2	Ditto, size 0.80 x 2.00m	No	8
3	Ditto, size 1.00 x 2.00m	No	2
4	Ditto, size 1.20 x 2.00m	No	92
5	Steel gate size 0.90 x 2.70m	No	9
6	Ditto, size 1.40 x 2.50m	No	1
7	Ditto, size 0.90 x 2.70m	No	2
8	30mm Thick roof screed	m2	18
9	Ditto, floor screed	m2	789
10	Ceramic tiles to walls and prepare plaster to receive new tiles (elsewhere measured)	m2	120
11	Ceramic tiles to floors and prepare to receive new porcelain tiles (elsewhere measured)	m2	257
12	Ditto, but to treads and risers	m2	30
13	Steel rainwater pipes	m	20
14	Wash hand basin including all pipework	No	9
15	Ditto, but WC suite	No	7

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Ditto, but urinal	No	3
2	Toilet accessories		Item
3	Glazing to steel windows	m2	135
4	5000L Polyethylene rotomoulded vertical water storage tank complete	No	3
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
<u>CONCRETE</u>			
<u>The Following In Curtain Wall Preparation</u>			
5	Demolish one brick wall	m2	84
6	Excavate in earth for surface trenches not exceeding 2.00m deep	m3	7
7	Extra over trench, etc excavation in earth for excavation in soft rock	m3	1
8	Ditto, in hard rock	m3	1
9	Ditto, in existing brick foundations	m3	1
10	Ditto, in existing concrete foundations	m3	1
11	Risk of collapse exceeding 1.50m deep	m2	14
12	Allow for keeping excavations free from water		Item
13	Load surplus or unsuitable material from spoil heaps and spread over site	m3	4

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Earth filling using imported G7 material in backfilling to trenches,etc and compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density	m3	3		
2	150mm Thick sub-base course of G7 material supplied by the contractor and compacted under floors, etc to 95% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	1		
3	150mm Thick base course of G5 material supplied by the contractor and compacted under floors, etc to 98% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	1		
4	Trim and restore to original level, scarify in-situ material to a depth of 150mm and compact to 90% Mod AASHTO density	m2	7		
5	Modified AASHTO density test on filling, etc	No	1		
6	Allow for preparing and curing set of three concrete test cubes, each size 150 x 150 x 150mm and pay all cost of transport to an approved mechanical laboratory and all testing charges	Sets	1		
7	Reinforced concrete 25MPa in footings	m3	2		
8	Ditto, in surface beds	m3	1		
9	Reinforced concrete 30MPa in slab	m3	4		
10	Ditto, in eaves beam	m3	2		
11	Float top of concrete slab to a smooth finish with a wood float	m2	14		
Carried to Collection				R	
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH					

1	4 x 40mm Saw cut joint in top of concrete surface bed (Provisional)	m	10
2	Sikaflex 11FC sealant in filling to the above saw cut joint including backing cord and priming sides all in strict accordance with the Manufacturers instructions (Provisional)	m	10
3	Two layers of 3 Ply Malthoid with graphite grease in between in slip joint between concrete and brick surfaces not exceeding 300mm wide	m	14
4	Close rough formwork to soffit of slabs exceeding 250mm thick and not exceeding 3.50m high	m2	14
5	Ditto, to sides and soffits of beams exceeding 6.50 and not exceeding 8.00m high	m2	22
6	Close rough formwork to edge not exceeding 300mm high	m	14
7	Edge of slab not exceeding 300mm high and horsing up not exceeding 3.50high	m	14
8	Bars of all diameters	t	1
9	Ref 193 fabric reinforcement in concrete surface bed	m2	14
10	Half brick wall	m2	84
11	One brick wall	m2	40
12	80mm Brick mesh reinforcement in walls	m	1,932
13	155mm Ditto	m	782

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	15 x 150mm Wide fibre cement sill set flat and slightly projecting	m	30		
2	Sealing edges to brickwork or concrete using ABE Torch-On 4mm Membrane	m	15		
3	Prepare surface and apply two coats ABE Silvakote to waterproofing	m2	10		
4	Provide the budgetary allowance of R 150 000.00 (one hundred and fifty thousand rand) for altering existing concrete columns and repairs to any concrete spillings to be adjusted as required			Item	150,000.00
<u>MASONRY</u>					
<u>BRICKWORK</u>					
<u>Note</u>					
Bricks to have a minimum compressive strength of 7MPa and are to be solid clay bricks, ie no openings.					
Mortar for brickwork to be Class 1 (28 days strength and 14.5MPa minimum)					
<u>Brickwork In (Class 1) Cement Mortar In:</u>					
5	Half brick wall	m2	69		
6	One brick wall	m2	98		
<u>Sundries</u>					
7	Cut tooth and bond new brickwork to existing	m2	5		
8	80mm Brick mesh reinforcement in walls	m	828		
9	155mm Ditto	m	1,176		
Carried to Collection				R	
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH					

WATERPROOFING

DAMPPROOFING OF FLOORS AND WALLS

One Layer Of 375 Micron Embossed Damp Proof Course

1 In walls

m2

3

WATERPROOFING TO ROOFS, ETC

Prime Surfaces And Apply One Layer Derbigum SP4 Torch-On Waterproofing Membrane With 75mm Side Laps And 100mm End Laps Applied All In Strict Accordance With The Manufacturers Instructions And Installed By An Approved Derbigum Contractor Under A Ten Year Guarantee

2 On flat roofs including turn-ups

m2

18

3 Sealing edges to brickwork or concrete

m

18

4 Dress waterproofing into Fulbore outlet and seal

No

1

Sundries

5 Prepare surface and apply two coats ABE Silvakote to waterproofing

m2

18

ROOF COVERINGS, ETC

PROFILED METAL SHEETING AND ACCESSORIES

0.8mm Thick Galvanised Chromadek (Globalcoat Colour One Side) Colomet Roof Sheetting And Accessories Fixed To Steel/Timber Purlins Or Rails In Single Lengths All In Strict Accordance With The manufacturer's Instructions

6 Roof covering with pitch not exceeding 25 degrees

m2

435

7 Narrow flute serrated closer including polyclosers

m

160

Carried to Collection

R

Bill No. 3

EXISTING DOUBLE STOREY OFFICE BUILDING

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Broad flute serrated closer including polyclosers	m	160		
2	Cover flashing 231mm girth including raking out grooves in brickwork and wedging, pointing and sealing in epoxy mortar	m	20		
3	Sidewall flashing 462mm girth	m	10		
4	Headwall flashing 462mm girth	m	40		
5	Ridge capping 462mm girth	m	38		
<u>RAINWATER GOODS (PROVISIONAL)</u>					
6	Box gutter 400mm girth laid to falls on and including approved brackets	m	99		
7	Extra for stopped end	No	4		
8	Ditto, outlet for 75 x 100mm aluminium rainwater pipe including joint to pipe	No	4		
<u>Insulation, Etc</u>					
9	"Enviro-tuff 203 Industrial Foil" insulation laid taut over purlins at approximately 1.00m centres and fixed concurrent with roof covering including galvanised steel straining wires where required	m2	435		
<u>CARPENTRY AND JOINERY</u>					
<u>ROOF TRUSSES</u>					
10	Provide the budgetary allowance of R 100 000.00 (one hundred thousand rand) for replacement of damaged roof trusses to be adjusted as required	Item		100,000.00	
<u>EAVES, VERGES, ETC</u>					
Carried to Collection				R	
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH					

<u>Fibre Cement</u>				
1	12 x 225mm Fascia boards fixed to wood or steel	m	99	
<u>SKIRTINGS</u>				
<u>Wrot Meranti</u>				
2	19 x 76mm Skirting including 19mm quadrant bead	m	238	
3	Ditto, but fixed to drywall partitions	m	208	
<u>DOORS</u>				
<u>Semi-Solid Flush Doors Faced Both Sides With Commercial Veneer With Two Hardwood Edges Hung To Timber Or Steel Frames</u>				
4	44mm Door size 813 x 1912mm	No	6	
5	44mm Door size 813 x 2032mm	No	11	
6	Extra for forming 413 x 860mm opening for view panel rebated all round to receive glass (elsewhere measured) including 22 x 22mm splayed glazing beads mitred around	No	7	
7	Extra for forming 300 x 300mm opening for louvre unit (elsewhere measured)	No	4	
<u>Solid Flush Doors Faced Both Sides With Commercial Veneer With Two Hardwood Edges Hung To Timber Or Steel Frames</u>				
8	44mm Double door size 1510 x 2032mm with rebated meeting styles	No	3	
<u>Sundries</u>				
Carried to Collection				R
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

Wrot Meranti

- 1 19mm Quadrant bead

m

82

Bitcon Industries Rubidor One Hour Fire Rated Doors With Commercial Veneer Both Sides And 1.60mm Thick Galvanised Steel Door Frames With And Including Hinges (All Other Ironmongery Elsewhere Measured)

- 2 Double fire door size 1510 x 2032mm with frame to suit one brick wall

No

3

- 3 Single fire door size 813 x 2032mm with frame to suit one brick wall

No

1

Sundries

Wrot Meranti

- 4 38 x 50mm Rebated, splayed and grooved weather board including groove in door

m

18

CEILINGS, PARTITIONS AND ACCESS FLOORING

SUSPENDED CEILINGS

Note

Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)

1195 x 595 x 15mm Thick Owacoustic Premium Sandila/N Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees, Necessary Hangers, Grids, Etc Including Hold Down Clips To Panels

- 5 Ceilings suspended not exceeding 1.00m below timber trusses

m2

789

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

<u>6mm Thick Fibre Cement Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees, Necessary Hangers, Grids, Etc. Including Skimming Entire Surface All In Strict Accordance With The Manufacturers Instructions</u>			
1	Ceilings suspended not exceeding 1.00m below timber trusses	m2	66
<u>12mm Thick Rhinoboard Plasterboard Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees, Necessary Hangers, Grids, Etc. Including Skimming Entire Surface All In Strict Accordance With The Manufacturers Instructions</u>			
2	Ceilings suspended not exceeding 1.00m below concrete slab	m2	63
<u>Sundries</u>			
3	19mm Quadrant cornice	m	200
4	Prepainted aluminium shadowline cornice plugged	m	446
5	115mm Thick "Aerolite" insulation with a Rval of 2.88m3 K/W laid over ceiling grid	m2	918
6	Provide the budgetary allowance of R 30 000.00 (thirty thousand rand) for bulkheads to be adjusted as required	Item	30,000.00
<u>PARTITIONS, ETC</u>			
<u>90mm Partition System As Supplied By Pelican Systems Or Other Approved Partitioning System With 63.5mm Steel Studs And Covered On Both Sides With 12.5mm Rhinoboard (Skirtings Elsewhere Measured)</u>			
7	Partitioning 2700mm high with bottom track plugged to floor including aluminium U-shaped capping to top of wall	m	120
Carried to Collection			R
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

1	Extra for wall end	No	29
2	Ditto, corner	No	6
3	Extra over partition for natural anodised aluminium door frame to suit door size 813 x 2032mm (door and ironmongery elsewhere measured) including three aluminium butts as Alufab 1040 and additional studding, trimming, etc	No	2
<u>FLOOR COVERINGS, PLASTIC LININGS, ETC</u>			
<u>FLOOR COVERINGS</u>			
<u>600 x 600mm Belgotex Grafica Crates Carpet Tiles Of Approved Colour Including Laying, Adhesive, Etc</u>			
4	To screeded floors	m2	375
<u>IRONMONGERY</u>			
5	Flush bolt as Dorma DFB-SC-180	No	8
6	Lever handle as Dorma CR001-Latch-SS	Sets	10
7	Pull handle as Dorma DPH210-BT-SS	No	13
8	Pull handle as Dorma DPH301B-SS	No	1
9	Bathroom WC indicator as Dorma DWC-005-SS	No	6
10	Disabled WC indicator and turnknob as Dorma DWC-006-SS	Sets	1
11	Bathroom deadlock as Dorma DMWC-008-SS	No	7
12	Cylinder sash lock as Dorma D036S-SS	No	10

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Cylinder deadlock as Dorma D037D-SS	No	9	
2	43mm Europrofile five pin single cylinder as Dorma DSC204101MK grand master keyed	No	5	
3	65mm Europrofile five pin double cylinder as Dorma DDC206301MK grand master keyed	No	15	
4	Escutcheon as Dorma DCE-002-SS	Pairs	19	
5	Rebate conversion kit as Dorma D038R-NP	No	2	
6	Dust proof strike as Dorma DPS-032-SS	No	4	
7	Door closer as Dorma TS91B-SL	No	7	
8	Door closer as Dorma TS83 PA	No	2	
9	Door closer as Dorma TS83 EN3-6 FP	No	2	
10	Door closer as Dorma TS91B G-SR	No	2	
11	Door closer as Dorma TS73V PA DC-PAB- SL	No	1	
12	Stainless steel hand dryer as Franke FRA-2500002 fixed to wall	No	2	
13	Soap dispenser as Franke Stratos STRX618 fixed to wall	No	3	
14	Sanitary towel disposal bin as Franke Stratos STRX611 fixed to wall	No	2	
15	Waste bin as Franke Stratos STRX605 fixed to wall	No	2	
Carried to Collection				R
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

1	Door co-ordinator as Dorma SR 392 size 2	No	1		
2	Three point locking panic bar as Dorma PHA3-DD-SS	Sets	1		
3	Access lock with lever handle as Dorma PHT3901	No	1		
4	Padlock as Dorma DPL2000 MK master keyed	No	1		
5	Door stop as Dorma DDS-017-SS	No	23		
6	Door stop wall buffer as Dorma DDH-SS-020	No	1		
7	Hat and coat hook as Dorma DHC-S031B-SS	No	6		
8	Paraplegic flush valve back rail as Dorma DGR-151-SS	No	1		
9	Paraplegic side grab rail as Dorma DGR-152-SS	No	1		
10	Paraplegic angle bar grab rail as Franke CNTX700A	No	1		
11	Carry bar as MK396	No	1		
12	150 x 300mm Push plate as Dorma DPP-430-BL-SF	No	22		
13	150 x 150mm Sign as Dorma DSS-130M	No	2		
14	150 x 150mm Sign as Dorma DSS-131F	No	2		
15	150 x 150mm Sign as Dorma DSS-133P	No	1		
16	150 x 150mm Sign as Dorma DSS-135TC	No	1		
Carried to Collection				R	
Bill No. 3					
EXISTING DOUBLE STOREY OFFICE BUILDING					
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH					

1	950 x 200mm Kick plate counter screwed around perimeter as Dorma DKP-430-SF-200	No	20
<u>METALWORK</u>			
<u>GALVANISED MILD STEEL BURGLAR BARS</u>			
<u>Note</u>			
1. See attached window schedules for drawings of burglar bars.			
2. Reference numbers are indicated in brackets at the end of each relevant description.			
2	Burglar bars complete to suit opening size 3100 x 2690mm (SF03)	No	1
<u>GALVANISED PRESSED STEEL DOOR FRAMES INCLUDING BUILDING INTO POSITION</u>			
<u>1.6mm Metwin Double Rebated Frame For Half Brick Wall With Three Butts Per Door Leaf</u>			
3	Frame for door size 813 x 1912mm	No	6
4	Frame for door size 813 x 2032mm	No	3
<u>1.6mm Metwin Double Rebated Frame For One Brick Wall With Three Butts Per Door Leaf</u>			
5	Frame for door size 813 x 2032mm	No	7
<u>RECORD ROOM DOORS, ETC</u>			
6	Service existing record room door, ensure it is in proper working order and supply two additional keys per door	No	1
<u>PLASTERING</u>			

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Rake Out Cracks Using An Angle Grinder To A Minimum Of 45 x 8mm Deep. Remove Dust And Fill With Polycell Masonry Patching Plaster. Prepare With Plaster Primer And Fill And Overcoat With Professional Waterproofing Compound To 100mm Beyond Either Side of Repair

1	Cracks exceeding 4mm wide (Provisional)	m	60
---	---	---	----

Self Levelling Screed

2	One coat EPW primer and one coat Grey Matt Flowcem self levelling screed on floors to a minimum thickness of 4mm	m2	705
---	--	----	-----

SCREEDS

Untinted Granolithic On Concrete

3	30mm Thick on floors	m2	789
---	----------------------	----	-----

4	Ditto, to treads and risers of stairs	m2	30
---	---------------------------------------	----	----

INTERNAL PLASTER

Skimming The Entire Surface With 3-6mm Skim Coat Plaster

5	Walls including flush columns and beams	m2	1,936
---	---	----	-------

Cement Plaster On:

6	Walls in patches including flush columns and beams	m2	60
---	--	----	----

7	Concrete ceilings	m2	67
---	-------------------	----	----

TILING

WALL TILING

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Provide The Prime Cost Sum Of R 350.00/m2 Nett Supply Only For 1200 x 600mm Ceramic Wall Tiles - Prices Are To Include For Laying, Tal Goldstar Adhesive, Pointing With Tal Tinted Epoxy Grout, Waste And Profit (Plaster Elsewhere Measured)

1	On walls	m2	239
2	On narrow widths	m2	12
<u>Sundries</u>			
3	Aluminium tile trim as Kirk Marketing ASQE120.N	m	80
4	PVC tile edging strip	m	40

FLOOR TILING

Provide The Prime Cost Sum Of R 350.00/m2 Nett Supply Only For 600 x 600mm Ceramic Floor Tiles - Prices Are To Include For Laying, Tal Goldstar Adhesive, Pointing With Tal Tinted Epoxy Grout, Waste And Profit (Screeds Elsewhere Measured)

5	On floors	m2	330
6	On treads and risers of stairs	m2	30
<u>Sundries</u>			
7	Aluminium tile trim as Kirk Marketing ASQE120.N fixed to top of skirting	m	120
8	PVC movement joint with grey insert as Kirk Marketing AMJ120.14 (Provisional)	m	65

9 Provide the budgetary allowance of R 30 000.00 (thirty thousand rand) for raised non-static floor to be adjusted as required

Item 30,000.00

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

PLUMBING (PROVISIONAL)

RAINWATER GOODS

Prepainted Aluminium Continuously Rolled Gutters,
Downpipes And Accessories

1	150 x 150mm Gutter including brackets	m	95
2	Extra for stopped end	No	4
3	Ditto, outlet for 100 x 75mm rainwater pipe	No	8
4	100 x 75mm rainwater pipe fixed to walls including brackets	m	56
5	Extra for shoe/bend	No	8
6	Ditto, spreader	No	8

PLUMBING ABOVE GROUND

SANITARY PLUMBING

UPVC Pipes And Fittings

7	40mm pipes	m	4
8	50mm Pipes	m	3
9	110mm Pipes	m	10
10	40mm Pipes chased into walls including making good to plaster	m	3
11	50mm Ditto	m	2

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	50mm Pipe chased into concrete floor including making good concrete	m	2
	<u>Extra For:</u>		
2	50mm Straight reducer	No	8
3	110mm Ditto	No	4
4	110mm Pan connector	No	2
5	110mm Bent pan connector	No	1
6	40mm Bend	No	2
7	50mm Bend	No	3
8	110mm Bend	No	7
9	40mm Inspection eye bend	No	3
10	50mm Ditto	No	1
11	110mm Ditto	No	2
12	40mm Junction	No	1
13	50mm Ditto	No	6
14	110mm Ditto	No	1
15	40mm Inspection eye junction	No	2

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	50mm Ditto	No	5	
2	110mm Ditto	No	1	
3	50mm Inspection eye reducing junction	No	2	
4	110mm Ditto	No	3	
	<u>Sundries</u>			
5	50mm UPVC vent valve	No	4	
6	110mm Ditto	No	1	
7	32 x 40mm Chromium plated bottle trap as Cobra 340/N including joint to pipe and outlet of fitting	No	11	
8	40 x 40mm Ditto, as Cobra 360	No	1	
	<u>SANITARY FITTINGS</u>			
9	Close couple WC suite as "Cobra Welcome 772664WH" complete with porcelain pan, solid vandal proof plastic double flap seat and matching 6 litre top dual flush cistern, flush pipe, etc	No	6	
10	Wash hand basin as "Vaal 706601WH Midi Weaver 1TH Counter Basin" complete with waste union as Cobra 303/N, overflow tube attachment, plug and chain, brackets etc (taps elsewhere measured)	No	8	
11	Wash hand basin as "Cobra Welcome 709000WH" complete with waste union, overflow tube attachment, plug and chain, brackets etc (taps elsewhere measured)	No	1	
Carried to Collection				R
Bill No. 3 EXISTING DOUBLE STOREY OFFICE BUILDING REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH				

GLAZING TO WOOD WITH BEADS (ELSEWHERE MEASURED)

- 1 6.38mm Clear laminated safety glass and glazing in panes exceeding 0.10 and not exceeding 0,50m2

m2

3

MIRRORS

- 2 6mm Float glass silvered back mirror size 800 x 550mm with polished edged, four times holed for and screwed to plugs in wall with chromium plated dome headed screws and cork washers at back

No

9

PAINTING

PAINTING, ETC TO NEW WORK

ON PLASTER, ETC

Prepare Surface And Apply One Coat Plascon UC56 Primer And Two Coats Plascon Super Acrylic PVA Paint On:

- 3 Skimmed gypsumboard ceilings

m2

63

- 4 Skimmed fibre cement eaves coverings including priming nail heads

m2

66

Prepare Surface And Apply One Coat Plascon UC56 Primer And Two Coats Plascon Super Eggshell Enamel Paint On:

- 5 Fibre cement sills

m2

10

- 6 Fibre cement fascia boards

m2

15

Prepare Surface And Apply One Coat Professional Plaster Primer (PP700) And Two Coats Professional Superior Low Sheen (PEM 1000) Paint On:

- 7 Internal plastered walls

m2

155

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Drywall partitions	m2	666
	<u>Prepare Surface And Apply One Coat Professional Plaster Primer (PP700) And Two Coats Professional Superior Low Sheen (PEM 1000) Paint On:</u>		
2	External plastered walls	m2	10
	<u>Prepare Surface And Apply One Coat Marmoran RBP Textured Masonry Primer And Two Coats 2 MI Thick Marmoran Permacrete Paint On:</u>		
3	External plastered walls	m2	74
	<u>ON METAL</u>		
	<u>Prepare Surface And Apply one Coat Bituminous Paint On:</u>		
4	Backs of door linings before setting up in position	m2	9
	<u>Prepare Surface And Apply One Coat Primer And Two Coats Plascon Velvaglo Paint On:</u>		
5	Galvanised door frames	m2	20
6	Strongroom door and frame	m2	4
	<u>ON WOOD</u>		
	<u>Prepare Surface And Apply One Coat Primer On:</u>		
7	Backs of frames not exceeding 300mm girth	m	18
	<u>Prepare Surface And Apply One Coat Primer And Two Coats Velvaglo Paint On</u>		
8	Doors	m2	137
9	Door frames	m2	4

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

	<u>Prepare Surface And Apply Three Coats Satin Polyurethane Varnish On</u>		
1	Skirting, rail, etc not exceeding 300mm girth	m	446
	<u>PAINTING, ETC TO EXISTING WORK</u>		
	<u>ON PLASTER, ETC</u>		
	<u>Wash Down, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply One Coat Plascon UC56 Plaster Primer And Two Coats Plascon Wall n All Paint On:</u>		
2	Internal plastered walls (Provisional)	m2	1,936
3	Concrete soffits	m2	67
	<u>Prepare Surface And Apply One Coat Marmoran RBP Textured Masonry Primer And Two Coats 2 MI Thick Marmoran Permacrete Paint On:</u>		
4	Fair face concrete walls	m2	163
	<u>Wash Down With A High Pressure Water Jet At 180-200 Bar Operating Pressure, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply TOne Coat Plascon UC56 Plaster Primer And Two Coats Plascon Wall n All Paint On:</u>		
5	Facebrick walls including any necessary preparation work	m2	550
	<u>ON METAL</u>		
	<u>Wash Down, Remove All Flaking Paint, Treat Any Rust, Prepare Surface And Apply One Coat Dulux Galvanised Iron Primer, One Coat Dulux Trade Universal Undercoat And Two Coats Dulux Water Based Pearlqlo Paint On:</u>		
6	Steel windows (both sides measured)	m2	45

Carried to Collection

R

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Galvanised burglar bars (both sides measured)	m2	40
	<u>ON WOOD</u>		
	<u>Wash Down. Remove Any Flaking Varnish. Prepare Surface And Apply Two Coats Dulux Woodgard Interior/Exterior Timbavarnish On:</u>		
2	Timber sills (Provisional)	m2	20
3	Timber balustrade (Provisional)	m2	30

Carried to Collection

Bill No. 3
EXISTING DOUBLE STOREY OFFICE BUILDING
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Bill No. 3

EXISTING DOUBLE STOREY OFFICE BUILDING

COLLECTION

Total Brought Forward from Page No.

Page
No

Amount

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

Carried Forward

R

Bill No. 3

EXISTING DOUBLE STOREY OFFICE BUILDING

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

COLLECTION

Amount

R

68

73

R

-75-

Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u>			
	<u>EXISTING GATE HOUSE</u>			
	ALL TRADES			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>DEMOLITIONS</u>			
	<u>NOTE:</u>			
	Tenderers are advised to visit the site and to satisfy themselves, in conjunction with the drawings of the nature and extent of the works to be done.			
	The Contractor is advised to check all dimensions and heights on site affecting the existing buildings against those indicated on the plans as he will be held responsible for all new work being of the correct sizes. Should any discrepancies be found he is to refer them to the Architect for correction before proceeding with the work.			
	Special care is to be exercised not to interfere with any electric light, power or telephone wires and due notice must be given to the Architect for any disconnections that are necessary, and the Contractor is to afford every facility to the Electrician when making new connections.			
	In taking down and removing existing work, the utmost care is to be observed to avoid any structural or other damage to the remaining portion of the building. The Contractor must protect all work not removed, such as walls, floors, doors, windows or other joinery or fittings, etc., from damage during the progress of the work and provide all necessary material for so doing.			
	Carried to Collection		R	
	Bill No. 4			
	EXISTING GATE HOUSE			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

The Contractor will be held solely responsible for any damage to persons or property and for the safety of the portions of the existing buildings throughout the whole of the Contract, and must make good at his own expense any damage that may occur.

The materials to be used and the work to be done are to be similar in all respect to that described for new work in so far as they occur.

Old materials from the pulling down (except such as are described to be re-used or handed over to the Architect) are to become the property of the Contractor. Old materials for re-use are to be carefully taken out, stored and protected from injury and made good as required before being refixed. Old materials described to be handed over are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish are to be immediately carted away and the site left clean and unencumbered. None of the old bricks from the demolition are to be re-used for any new work unless otherwise described or directed.

For the purpose of this contract and to avoid misunderstanding, phrases stated hereunder have been defined and the Contractor is advised to study them as no claim whatsoever will be entertained as a result of him not so doing.

a)"Forming New Openings" shall include all labour and materials forming opening, cut toothings and bonding for and plumbing and flushing up reveals, cutting for and forming precast concrete, or reinforced brick lintol over including necessary turning pieces, reinforcement, etc.

b)"Bricking up Openings" shall include for all preparatory work, cut toothings and bond new brickwork to existing and preparing top of existing surface for raising upon and pinning up new brickwork to underside of existing.

c)"Making Good" shall include all labour and materials required to match existing work and is to include making good new work up to existing and labours to plaster, etc.

d)"Shoring" is not specifically mentioned in each item, however prices are to include for all shoring, needling, strutting, deadwork, etc., required.

Carried to Collection

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

ALTERATIONS, ETC

- 1 Allow for making good in all trades to existing work damaged or disturbed through alterations with all necessary new materials to match and generally described for new work and leave perfect in every respect.

Item

Break Up/Down, Take Out, Cut In Where Necessary
And Remove From Site And Make Good Where
Required

- 2 Timber built-in cupboard size 1800 x 350 x 800mm high

No 1

- 3 Timber door and frame size 0.90 x 2.10m

No 1

- 4 Steel window size 1.00 x 1.00m

No 2

- 5 Roof sheeting including insulation, ridges, flashings, timber trusses etc

m2 8

- 6 30mm Thick floor screed

m2 8

Forming Openings Through The Following And Make
Good

- 7 One brick wall plastered both sides size 0.90 x 2.10m

No 1

- 8 Ditto, size 1.80 x 1.20m

No 2

MASONRY

BRICKWORK

Note

Bricks to have a minimum compressive strength of 7MPa and are to be solid clay bricks, ie no openings.

Mortar for brickwork to be Class 1 (28 days strength and 14.5MPa minimum)

Carried to Collection

R

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Brickwork In (Class 1) Cement Mortar In:

1	One brick wall	m2	11
2	Ditto, in beam filling	m2	3

ROOF COVERINGS, ETC

PROFILED METAL SHEETING AND ACCESSORIES

0.8mm Thick Galvanised Chromadek (Globalcoat Colour One Side) Colomet Roof Sheeting And Accessories Fixed To Steel/Timber Purlins Or Rails In Single Lengths All In Strict Accordance With The manufacturer's Instructions

3	Roof covering with pitch not exceeding 25 degrees	m2	15
4	Narrow flute serrated closer including polyclosers	m	5
5	Broad flute serrated closer including polyclosers	m	5
6	Sidewall flashing 462mm girth	m	6
7	Gable flashing 462mm girth	m	6
8	Ridge capping 462mm girth	m	3

Insulation, Etc

9	"Envirotuff 203 Industrial Foil" insulation laid taut over purlins at approximately 1.00m centres and fixed concurrent with roof covering including galvanised steel straining wires where required	m2	15
---	---	----	----

CARPENTRY AND JOINERY

ROOF TRUSSES

Carried to Collection

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

The Following Trusses Shall Be "Gangnail" Or Other Approved Engineering Designed Roof Trusses Manufactured From Sawn S.A. Pine At Average 1000mm Centres To Support Kliplok Roof Sheeting With Suspended Ceilings Under, Including Hoisting And Fixing In position Approximately 30m Above Ground Floor Level (Structural Engineers Certificate To Be Supplied With Trusses And Upon Completion Of Installation To Confirm That Installation Complies With Original Design)

- 1 Double pitch truss 17.50 degree pitch with 2.5m span, stubbed 1.30m high on both sides and with eaves overhang of 0.6m on both sides

No 5

Sundries

Sawn Softwood

- 2 38 x 76mm Bracing (Provisional)

m 10

- 3 38 x 114mm Bracing (Provisional)

m 10

ROOF TIMBERS

Sawn Softwood

- 4 38 x 114mm Wall plate

m 6

- 5 50 x 76mm Purlins

m 10

- 6 76 x 76mm Splayed purlins

m 10

Sundries

- 7 Teco galvanised hurricane clip fully nailed with 32mm galvanised clout nails

No 12

- 8 90 Degree Teco galvanised truss hanger bracket twice bolted to wall with and including bolts

No 12

Carried to Collection

R

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

EAVES, VERGES, ETCFibre Cement

1	12 x 225mm Fascia boards fixed to wood or steel	m	6
2	75 x 225mm Bargeboard fixed to wood or steel	m	6

SKIRTINGSWrot Meranti

3	19 x 76mm Skirting including 19mm quadrant bead	m	11
---	---	---	----

DOORSWrot Meranti

4	44mm Framed batten door size 813 x 2032mm formed of 44 x 108mm styles and top rail, 22 x 108mm middle ledge and braces and 22 x 220mm bottom ledge filled in with 22 x 69mm V-jointed one side boarding and including 6mm plywood panel with commercial veneer on one face of door	No	1
---	--	----	---

SundriesWrot Meranti

5	19mm Quadrant bead	m	6
---	--------------------	---	---

CEILINGS, PARTITIONS AND ACCESS FLOORING

Carried to Collection

R

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

SUSPENDED CEILINGS

Note

Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)

12mm Thick Rhinoboard Plasterboard Ceiling Panels On Jumbo Galvanised Suspension System As Supplied By Pelican Systems Including Main And Cross Tees, Necessary Hangers, Grids, Etc. Including Skimming Entire Surface All In Strict Accordance With The Manufacturers Instructions

- 1 Ceilings suspended not exceeding 1.00m below timber trusses

m2 8

Sundries

- 2 Prepainted aluminium shadowline cornice plugged

m 11

- 3 115mm Thick "Aerolite" insulation with a Rval of 2.88m3 K/W laid over ceiling grid

m2 8

IRONMONGERY

- 4 Lever handle as Dorma CR001-Latch-SS

Sets 1

- 5 Cylinder sash lock as Dorma D036S-SS

No 1

- 6 65mm Europrofile five pin double cylinder as Dorma DDC206301MK grand master keyed

No 1

- 7 Escutcheon as Dorma DCE-002-SS

Pairs 1

- 8 Door stop as Dorma DDS-017-SS

No 1

Carried to Collection

R

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

METALWORK

GALVANISED PRESSED STEEL DOOR FRAMES INCLUDING BUILDING INTO POSITION

1.6mm Metwin Double Rebated Frame For One Brick
Wall With Three Butts Per Door Leaf

- 1 Frame for door size 813 x 2032mm

No

1

PLASTERING

Rake Out Cracks Using An Angle Grinder To A
Minimum Of 45 x 8mm Deep. Remove Dust And Fill
With Polycell Masonry Patching Plaster. Prepare With
Plaster Primer And Fill And Overcoat With Professional
Waterproofing Compound To 100mm Beyond Either
Side of Repair

- 2 Cracks exceeding 4mm wide (Provisional)

m

10

SCREEDS

Untinted Granolithic On Concrete

- 3 30mm Thick on floors

m2

8

INTERNAL PLASTER

Skimming The Entire Surface With 3-6mm Skim Coat
Plaster

- 4 Walls including flush columns and beams

m2

30

Cement Plaster On:

- 5 Walls in patches including flush columns and beams

m2

5

- 6 Narrow widths in patches

m2

1

EXTERNAL PLASTER

Carried to Collection

R

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Skimming The Entire Surface With 3-6mm Skim Coat Plaster

1	Walls including flush columns and beams	m2	33
---	---	----	----

Cement Plaster On:

2	Walls in patches including flush columns and beams	m2	5
---	--	----	---

TILING

FLOOR TILING

Provide The Prime Cost Sum Of R 350.00/m2 Nett Supply Only For 600 x 600mm Ceramic Floor Tiles - Prices Are To Include For Laying, Tal Goldstar Adhesive, Pointing With Tal Tinted Epoxy Grout, Waste And Profit (Screeds Elsewhere Measured)

3	On floors	m2	8
---	-----------	----	---

Sundries

4	Aluminium tile trim as Kirk Marketing ASQE120.N fixed to top of skirting	m	5
---	--	---	---

5	PVC movement joint with grey insert as Kirk Marketing AMJ120.14 (Provisional)	m	3
---	---	---	---

Prepainted Aluminium Continuously Rolled Gutters, Downpipes And Accessories

6	150 x 150mm Gutter including brackets	m	6
---	---------------------------------------	---	---

7	Extra for stopped end	No	4
---	-----------------------	----	---

8	Ditto, outlet for 100 x 75mm rainwater pipe	No	4
---	---	----	---

9	100 x 75mm rainwater pipe fixed to walls including brackets	m	12
---	---	---	----

Carried to Collection

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Prepare Surface And Apply One Coat Primer And Two Coats Velvaglo Paint On

1	Doors	m2	4
---	-------	----	---

2	Roof timbers	m2	4
---	--------------	----	---

Prepare Surface And Apply Three Coats Satin Polyurethane Varnish On

3	Skirting, rail, etc not exceeding 300mm girth	m	11
---	---	---	----

PAINTING, ETC TO EXISTING WORK

ON PLASTER, ETC

Wash Down, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply One Coat Plascon UC56 Plaster Primer And Two Coats Plascon Wall n All Paint On:

4	Internal plastered walls (Provisional)	m2	30
---	--	----	----

Wash Down With A High Pressure Water Jet At 180-200 Bar Operating Pressure, Remove All Flaking Paint, Remove And Treat Any Fungal Growth, Sand Down, Prepare Surface And Apply TOne Coat Plascon PP950 Plaster Primer And Two Coats Plascon Wall n All Paint On:

5	External plastered walls (Provisional)	m2	33
---	--	----	----

Carried to Collection

Bill No. 4
EXISTING GATE HOUSE
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

Bill No. 4

EXISTING GATE HOUSE

COLLECTION

Total Brought Forward from Page No.

Page
No

Amount

76

77

78

79

80

81

82

83

84

85

86

Carried to Summary

R

Bill No. 4

EXISTING GATE HOUSE

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 5

EXISTING OFFICE EXTENSION BUILDING

COLLECTION

Total Brought Forward from Page No.

Page
No

88

89

Amount

Carried to Summary

R

Bill No. 5

EXISTING OFFICE EXTENSION BUILDING

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Item No		Quantity	Rate	Amount
	<u>BILL NO. 6</u>			
	<u>PLUMBING AND DRAINAGE IN GROUND (PROVISIONAL)</u>			
	<u>ALL TRADES</u>			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>SOIL AND WASTE WATER DRAINAGE</u>			
	<u>UPVC Pipes Class 34 Including Laying On And Including Average 150mm Layer Of Sand Including Excavations In Earth, Risk Of Collapse, Keeping Excavations Free From Water, Working Space, Filling In And Ramming With Imported G7 Filling To 95%, Carting Away Surplus Soil, Etc</u>			
1	110mm Pipe laid in and including trenches not exceeding 1,00m deep	m	20	
2	Ditto, exceeding 1.00 and not exceeding 2,00m deep	m	12	
3	160mm Pipe laid in and including trenches not exceeding 1,00m deep	m	15	
4	Ditto, exceeding 1,00m and not exceeding 2,00m deep	m	90	
	<u>Extra For:</u>			
5	160mm Straight reducer	No	2	
6	110mm Bend	No	15	
7	160mm Bend	No	3	
	Carried to Collection		R	
	Bill No. 6			
	PLUMBING AND DRAINAGE IN GROUND (PROVISION			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

1	110mm Inspection eye bend	No	2	
2	160mm Ditto	No	1	
3	110mm Junction	No	1	
4	160mm Ditto	No	1	
5	110mm Inspection eye junction	No	19	
6	160mm Ditto	No	4	
7	110mm Inspection eye reducing junction	No	2	
8	160mm Ditto	No	12	
	<u>Sundries</u>			
9	Excavate to expose side of existing manhole exceeding 1.00 and not exceeding 2.00m deep and connect up new 160mm pipe and make good to manhole after including altering existing benching, channelling, etc	No	1	
10	Take up concrete surround to existing manhole including the steel cover and frame, raise the height of the manhole by approximately 0.35m, cast new concrete surround and fit new 600 x 600mm heavy duty steel cover and frame	No	1	
11	Cement Concrete 15MPa in encasing 110mm pipe to a minimum thickness of 100mm all round including any necessary formwork, etc	m	5	
12	Ditto, 160mm pipe	m	15	
13	Ditto, to 110mm bend	No	5	
	Carried to Collection			R
	Bill No. 6			
	PLUMBING AND DRAINAGE IN GROUND (PROVISION			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

1	UPVC gulley trap complete with UPVC removable grating including encasing all round with cement concrete 15MPa and with standard precast concrete surround fitted on top including excavation, risk of collapse, fill in and ram, formwork, etc	No	2
2	110mm Diameter UPVC ABC rodding eye cover and frame including joint to UPVC pipe and encasing in 500 x 500 x 250mm thick concrete	No	2
3	160mm Ditto	No	1
4	Inspection chamber size 900 x 600 x not exceeding 1000mm deep internally complete including 900 x 600mm heavy duty double seal cover and frame (see Engineers drawing No CD02)	No	1
5	Ditto, exceeding 1,00m and not exceeding 2,00m deep	No	3
6	Extra over excavations for drain trenches, etc in earth for excavation in soft rock	m3	20
7	Ditto, in hard rock	m3	20

Note:

In remeasuring the cubic quantity of extra for excavations in soft, hard rock, etc for drain trenches, etc the following basis shall apply:

Drain Trenches, Water Supply, Etc - Trenches not exceeding 1,00m deep shall be taken 0,60m wider than the internal diameter of the pipe. This width shall be increased by 100mm for each successive depth of 1,00m to a maximum of 1,00m wider than the internal diameter of the pipe.

Inspection Chambers, Etc - Inspection chambers, etc shall be taken to the full extent in width and depth and no more.

Carried to Collection

R

Bill No. 6
PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

WATER SUPPLY

UPVC Pipes And Fittings (Class 12) Including Laying On And Including Average 150mm Layer Of Sand Including Excavations In Earth, Risk Of Collapse, Keeping Excavations Free From Water, Working Space, Filling In And Ramming With Imported G7 Filling To 95%, Carting Away Surplus Soil, Etc

1	50mm Pipe and laid in trenches not exceeding 1,00m deep	m	90
<u>Extra For Cast Iron Fittings:</u>			
2	50mm Straight reducer	No	4
3	50mm Bend	No	4
4	50mm Tee	No	2
5	50mm Reducing tee	No	2
6	110mm Ditto	No	2
<u>Class II Copper Pipes</u>			
<u>Class II Copper Pipes</u>			
7	15mm Pipes	m	18
8	22mm pipes	m	35
9	28mm Pipes	m	30
10	35mm Pipes	m	18
11	15mm Pipes chased into walls including wrapping in builders paper and making good to plaster	m	35

Carried to Collection

R

Bill No. 6
PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	22mm Ditto	m	18
2	28mm Ditto	m	4
3	15mm Pipes fixed to steel trusses or purlins including approved brackets	m	10
4	22mm Ditto	m	10
5	28mm Ditto	m	5
<u>Extra For Approved Capillary Fittings</u>			
6	15mm Fittings	No	35
7	22mm Fittings	No	35
8	28mm Fittings	No	18
9	35mm Straight connector	No	2
10	35mm Straight reducing coupling	No	2
11	35mm Bent coupling	No	1
12	35mm Tee	No	1
13	35mm Reducing tee	No	1
<u>Extra For Approved Brass Compression Fittings</u>			
14	28mm Fittings	No	35

Carried to Collection

R

Bill No. 6
PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	22mm Brass relief valve including joints to pipes	No	1
2	250 Litre 400KPa high pressure horizontal hot water geyser including fixing to wall and joints to pipes	No	1
3	Saint Gobian Isover geyser blanket to suit 250 litre geyser	No	1
4	Saint Gobian Isover insulation to 15mm pipe all in strict accordance with the manufacturers instructions	m	15
5	22mm Ditto	m	15
6	28mm Ditto	m	8
7	50mm Kent Helix H4000 water meter including joints to pipes	No	1
8	Precast concrete water meter box complete (see engineers drawing no CD03)	No	1
<u>FIRE SERVICE</u>			
<u>Sundries</u>			
9	4,5 Kg DCP fire extinguisher fixed to wall with and including mounting bracket and 19 x 250 x 500mm painted meranti backing board with arris rounded edges	No	6
10	9 Kg Ditto	No	3
11	6 Kg Wet chemical fire extinguisher fixed to wall with and including mounting bracket and 19 x 250 x 500mm painted meranti backing board with arris rounded edges	No	3

Carried to Collection

R

Bill No. 6
PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

- 1 Approved fire hose reel complete with 30,00m rubber hose, chromium plated stopcock, shut off nozzle and wall brackets and fixing to wall including joint to pipe

No

3

TESTING

- 2 Allow for testing all stormwater drainage, soil and waste water drainage, sanitary plumbing, sanitary fittings, water supply and fire service to the satisfaction of the architect and the Municipal Authorities, replace any defective work free of charge and leave perfect

Item

BUILDERS WORK IN CONNECTION WITH PLUMBING INSTALLATION

- 3 Prepare surface and apply one undercoat and two coats gloss enamel paint to copper pipes not exceeding 300mm girth

m

30

Carried to Collection

R

Bill No. 6
PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 6

PLUMBING AND DRAINAGE IN GROUND (PROVISIONAL)

COLLECTION

Total Brought Forward from Page No.

Page
No

Amount

91

92

93

94

95

96

97

98

Carried to Summary

R

Bill No. 6

PLUMBING AND DRAINAGE IN GROUND (PROVISION
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Item No		Quantity	Rate	Amount
	<u>BILL NO. 7</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	ALL TRADES			
	<u>Note:</u>			
	For Preambles see "Model Preambles for Trades" as published by the Association of South African Quantity Surveyors (2008 Edition).			
	<u>DEMOLITIONS</u>			
1	Saw cut through existing concrete not exceeding 300mm deep	m	130	
2	Take up and remove from site existing concrete	m2	650	
3	Break down steel carport size overall 5.00 x 5.00 x 2.70m high extreme comprising shade cloth netting on steel rafters and posts, on concrete bases, etc, removing foundations and filling in holes with imported G7 material compacted to 95% AASHTO density, etc complete	No	7	
4	Break down steel carport size overall 10.00 x 5.80 x 2.60m high extreme comprising IBR roof sheeting on steel rafters and posts, on concrete bases, etc, removing foundations and filling in holes with imported G7 material compacted to 95% AASHTO density, etc complete	Item		
	<u>SITE CLEARANCE, ETC</u>			
5	Digging up and removing from site all rubbish, debris, vegetable matter, shrubs, small trees, etc and clearing site	m2	10	
6	Strip layer of top soil and deposit on site in spoil heaps	m3	5	
	Carried to Collection		R	
	Bill No. 7			
	EXTERNAL WORKS (PROVISIONAL)			
	REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

1	Load surplus or unsuitable material from spoil heaps and cart away to a dumping site to be located by the contractor	m3	5		
<u>BULK EARTHWORKS FOR BUILDING PLATFORMS</u>					
2	Excavate in earth to open face to reduce levels over site to form platforms, etc and deposit on site in spoil heaps	m3	50		
3	Extra over for excavation in soft rock	m3	10		
4	Ditto, in hard rock	m3	5		
5	Allow for keeping excavations free from water			Item	
6	Load surplus or unsuitable material from spoil heaps and cart away to a dumping site to be located by the contractor	m3	50		
7	Earth filling using imported G7 material in making up levels over site, etc., and compacted to 95% Mod AASHTO density	m3	50		
8	Scarify to a depth of 150mm and compact to 93% Mod AASHTO density.	m2	50		
9	Modified AASHTO density test on filling	No	2		
<u>ROADWAYS, PARKING AREAS AND PAVEMENTS</u>					
10	Trim and restore to original level, scarify in-situ material to a depth of 150mm and compact to 93% Mod AASHTO density	m2	819		
11	150mm Thick sub-base course of G7 material supplied by the contractor and compacted under floors, etc to 95% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	123		
Carried to Collection				R	
Bill No. 7 EXTERNAL WORKS (PROVISIONAL) REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH					

1	150mm Thick base course of G5 material supplied by the contractor and compacted under floors, etc to 98% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	123
2	Modified AASHTO density test on filling	No	6
3	150 x 300mm Precast concrete barrier kerb (SABS 927 figure 3) finished smooth from the mould including excavation, backfilling, bedding and laying on a 15 MPa concrete bed, jointing, pointing, etc and continuous cement concrete haunching at back	m	105
4	Ditto, circular on plan to a radius not exceeding 4.00m	m	14
5	80mm Thick concrete (35MPa) natural grey interlocking pavers laid to approved pattern on and including a 20mm thick crusher dust bed including grouting joints after laying all to comply with SABS 1058 and SABS 1200-MJ	m2	819
6	Circular cutting and waste to last	m	14
7	Extra over 80mm interlocking pavers for perimeter margin including any necessary thickening	m	105
8	Ditto, circular on plan	m	14
9	Prepare surface and apply bitumen based roadmarking paint to line on concrete brick roadway 100mm wide	m	55
10	Ditto, but 300mm wide	m	10
11	Ditto, but painted arrow sign 4.00m long	No	2
12	Ditto, but painted disabled parking bay sign 2.00m long	No	2

Carried to Collection

Bill No. 7

EXTERNAL WORKS (PROVISIONAL)

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	Ditto, but painted sign 2.00m high to read "STOP"	No	1
2	Type R1 stop sign including lettering, galvanised steel post, concrete base, all necessary excavations, formwork, filling, ramming, etc	No	1
<u>GENERATOR PLINTH</u>			
3	Trim and restore to original level, scarify in-situ material to a depth of 150mm and compact to 93% Mod AASHTO density	m2	20
4	150mm Thick sub-base course of G7 material obtained from the excavations and compacted under roads, etc to 95% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	3
5	150mm Thick base course of G5 material supplied by the contractor and compacted under roads, etc to 98% Mod AASHTO density (Note: Quantity is measured in cubic metres)	m3	3
6	Reinforced concrete 30MPa in plinth	m3	8
7	Broom drag finish on top of concrete plinth	m2	20
8	Close rough formwork to sides of plinth	m2	8
9	Type 617 fabric reinforcement cast into concrete plinth	m2	20
<u>RAINWATER TANKS</u>			
10	Excavate for surface trenches not exceeding 2.00m deep	m3	3
11	Extra over for excavation in soft rock	m3	1

Carried to Collection

Bill No. 7

EXTERNAL WORKS (PROVISIONAL)

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	Ditto, in hard rock	m3	1
2	Risk of collapse not exceeding 1.50m deep	m2	16
3	Allow for keeping excavations free from water		Item
4	Load surplus or unsuitable material from spoil heaps and spread over site	m3	2
5	Selected filling obtained from excavated material in making up levels over site, etc., compacted to 93% Mod AASHTO density	m3	1
6	Earth filling using imported G7 material in backfilling to trenches and behind retaining walls and compacted to 95% Mod AASHTO density	m3	7
7	Modified AASHTO density test on filling	No	2
8	Cement concrete 25MPa in footings cast against excavated surfaces	m3	5
9	Cement concrete 25MPa in surface beds	m3	2
10	Rough formwork to edge not exceeding 300mm	m	33
11	Ref 193 fabric reinforcement in concrete surface bed	m2	17
12	One brick wall	m2	32
13	Extra over brickwork for Corobrik Firelight Satin FBX Face Bricks	m2	23
14	230mm Wide facebrick on edge coping	m	33
15	155mm Brick mesh reinforcement in walls	m	96

Carried to Collection

Bill No. 7
EXTERNAL WORKS (PROVISIONAL)
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

R

1	250 Micron Gunplus USB green waterproof sheeting under surface beds	m2	17
2	5000L Polyethylene rotomoulded vertical water storage tank complete with lid , fitted with including 15mm brass bibtap with suitable adaptor and setting in position on concrete stand(elsewhere measured)and trying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secured to each corner of tank stand with a double strand of 4mm wire embedded into concrete	No	4
3	Hole through top of the tank lid for 100mm diameter pipe	No	16
4	30 x 1.6 Hoop iron tie secured around tank and 4 times built into concrete	No	16
5	Clean down with spirits of salts solution and apply two coats silicon based brick dressing on external face bricks	m2	23
<u>STORMWATER CHANNELS</u>			
<u>Precast Concrete Stormwater Channels Including All Necessary Excavation, Formwork, Filling And Ramming Etc</u>			
6	150mm Half round channel as Cementile CH2103	m	105
7	Extra for stopped ends, angles, intersections, dressing into sides of catchpits, etc	No	4

Carried to Collection

R

Bill No. 7
EXTERNAL WORKS (PROVISIONAL)
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 7

EXTERNAL WORKS (PROVISIONAL)

COLLECTION

Total Brought Forward from Page No.

Page
No

100

101

102

103

104

105

Amount

Carried to Summary

R

Bill No. 7

EXTERNAL WORKS (PROVISIONAL)

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

1	Allow for attendance	Item	
	<u>Aluminium Windows and Doors</u>		
2	Provide the sum of R 200 000 (two hundred thousand rand) for aluminium windows and doors supplied and fixed complete	Item	200,000.00
3	Allow for profit	Item	
4	Allow for attendance	Item	
	<u>Curtain Wall</u>		
5	Provide the sum of R 500 000.00 (five hundred thousand rand) for curtain wall and doors supplied and fixed complete	Item	500,000.00
6	Allow for profit	Item	
7	Allow for attendance	Item	
	<u>Timber Solar Shade</u>		
8	Provide the sum of R 100 000.00 (one hundred thousand rand) for timber solar shade supplied and fixed complete	Item	100,000.00
9	Allow for profit	Item	
10	Allow for attendance	Item	
	<u>Landscaping</u>		
11	Provide the sum of R 50 000.00 (fifty thousand rand) for landscaping supplied and fixed complete	Item	50,000.00
Carried to Collection			R
Bill No. 8 PROVISIONAL SUMS REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH			

Community Liason Officer (CLO)

- 1 Provide the sum of R 72 000.00 (seventy two thousand rand) for the employment of a Community Liason Officer (CLO) at R 6 000.00 (six thousand rand) per month for the duration of the contract

Item

72,000.00

Adjustment of Professional Fees

- 2 Provide the sum of 1 359 948.56 (One million three hundred fifty nine thousand nine hundred and forty eight rand and fifty six cents) for the adjustment of professional fees

Item

1,359,948.56

Carried to Collection

R

1,431,948.56

Bill No. 8
PROVISIONAL SUMS
REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill No. 8

PROVISIONAL SUMS

COLLECTION

Total Brought Forward from Page No.

Page
No

107

108

109

110

Amount

Carried to Summary

R

Bill No. 8

PROVISIONAL SUMS

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH

Bill
NoPage
No

Amount

17

45

75

87

90

99

106

111

Item

375,000.00

R

R

R

REFURBISHMENT OF MAIN MUNICIPAL OFFICES IN BUTTERWORTH