



public works

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Department:  
Public Works  
**REPUBLIC OF SOUTH AFRICA**

**TENDER No: KIM 08/2024**

**CLOSING DATE: 15 November 2024**

## **PROCUREMENT DOCUMENTS**

### **VOLUME 2 - RETURNABLE DOCUMENTS**

**GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN  
INTO OFFICES FOR SASSA**

**IN  
THE  
NORTHERN CAPE PROVINCE**

**QUANTITY SURVEYORS:**

DNV Quantity Surveyors  
KIMBERLEY

**DEPARTMENT OF PUBLIC WORKS  
REGIONAL OFFICE KIMBERLEY  
PRIVATE BAG X5002  
KIMBERLEY  
8300**

**PROJECT MANAGER:**

A. Matoti

**October 2024**

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**VOLUME 2**  
**RETURNABLE DOCUMENTS**

## **T2.1 List of Returnable documents**

## PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender / Quote no:	KIM 08/2024	Reference no:	19/2/4/2/2/2316/23
Receipt Number:			

### 1. RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

**Note:** Failure to submit the applicable documents will result in the tender offer being disqualified from further consideration.

Tender document name	Number of pages issued	Returnable document
Form of Offer and Acceptance (DPW-07 EC)	4 Pages	Yes
Declaration of Interest and Tenderer's Past Supply Chain Management Practices (PA-11)	4 Pages	Yes
Resolution of Board of Directors (PA-15.1) <i>(if applicable)</i>	1 Page	Yes
Resolution of Board of Directors to enter into Consortia or JV's (PA-15.2) <i>(if applicable)</i>	2 Pages	Yes
Special Resolution of Consortia or JV's (PA-15.3) <i>(if applicable)</i>	3 Pages	Yes
Preference points claim form in terms of the Preferential Procurement Regulations 2017 (PA – 16)	5 Pages	Yes
Certificate of independent Bid Determination (PA - 29)	4 Pages	Yes
Declaration Certificate for Local Production and Content for designated sectors (PA – 36 and Annexure/s C)		Yes
Fully completed Declaration of Designated Groups for Preferential Procurement (PA 40)	2 Pages	Yes
Registration on National Treasury's Central Supplier Database (CSD).	-	Yes
Particulars of Tenderer's Projects (DPW-09 EC)	2 Pages	Yes
Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i> .	1 Page	yes
Record of attending compulsory virtual bid clarification / site inspection meeting (if applicable).	1 Page	n/a
Record of Addenda to tender documents (DPW-21 EC)	1 Page	Yes
Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i>	1 Page	yes
Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017 <i>(if applicable)</i> .		

\* In compliance with the requirements of the CIDB SFU Annexure G

Tender no: *KIM 08/2024*

**2. ADDITIONAL RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES**

**Note:** Failure to submit the applicable documents will result in the Tenderer having to submit same upon request within a stipulated time and if not complied with, will result in the tender offer being disqualified from further consideration. [See also C.2.18 of the Standard Conditions of Tender]

Tender document name	Number of pages issued	Returnable document
Any <u>additional</u> information required to complete a risk assessment ( <i>if applicable</i> )	-	Yes

**3. RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT**

**Note:** Failure to submit the applicable documents will result in the Tenderer having to submit same upon request within a stipulated time and if not complied with, will result in the tender offer being disqualified from further consideration. [See also C.2.18 of the Standard Conditions of Tender]

Tender document name	Number of pages issued	Returnable document
Schedule of proposed sub-contractors (DPW-15 EC) ( <i>if applicable</i> )	1 Page	Yes
Particulars of Electrical Contractor (DPW-22 EC) ( <i>if applicable</i> )	1 Page	Yes
Mechanical / Electrical / Security Work material and equipment schedules ( <i>if applicable</i> )	Pages	Yes
Schedule for Imported Materials and Equipment (DPW-23 EC) ( <i>if applicable</i> )	1 Page	Yes

**4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT**

(Insert a tick in the "Returnable document" column to indicate which documents must be returned with the tender)

**Note:** Failure to submit the applicable documents will result in the tender offer being disqualified from further consideration.

Tender document name	Number of pages issued	Returnable document
Priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts)	173 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fully priced and completed sectional summary- and final summary pages with the tender.	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No

Tender no: *KIM 08/2024*

**5. ADDITIONAL INFORMATION THAT MAY BE REQUIRED FOR TENDER EVALUATION PURPOSES**

Legal Status of Tendering Entity: If the Tendering Entity is:	Documentation to be submitted with the tender, or which may be required during the tender evaluation:
a. A close corporation, incorporated prior to 1 May 2011 under the Close Corporations Act, 1984 (Act 69 of 1984, as amended)	Copies of the Founding Statement – CK1
b. A profit company duly registered as a private company.  [including a profit company that meets the criteria for a private company, whose Memorandum of Incorporation states that the company is a personal liability company in terms of Section 8(2)(c) of the Companies Act, 2008 (Act 71 of 2008, as amended)].	Copies of: i. Certificate of Incorporation – CM1; ii. Shareholding Certificates of all Shareholders of the company, plus a signed statement of the company's Auditor, certifying each Shareholder's ownership / shareholding percentage relative to the total; and/or iii. Memorandum of Incorporation in the case of a personal liability company.
c. A profit company duly registered as a private company in which any, or all, shares are held by one or more other close corporation(s) or company(ies) duly registered as profit or non-profit company(ies).	Copies of documents referred to in a. and/or b. above in respect of all such close corporation(s) and/or company(ies).
d. A profit company duly registered as a public company.	Copy of Certificate of Incorporation – CM1, and a signed statement of the company's Secretary or Auditor confirming that the company is a public company.
e. A non-profit company, incorporated in terms of Section 10 and Schedule 1 of the Companies Act, 2008 (Act 71 of 2008, as amended).	Copies of: i the Founding Statement – CK1; and ii the Memorandum of Incorporation setting out the object of the company, indicating the public benefit, cultural or social activity, or communal or group interest.
f. A natural person, sole proprietor or a Partnership	Copy(ies) of the Identity Document(s) of: i. such natural person/ sole proprietor, or each of the Partners to the Partnership.
g. A Trust	Deed of Trust duly indicating names of the Trustee(s) and Beneficiary (ies) as well as the purpose of the Trust and the mandate of the Trustees.

**Signed by the Tenderer:**

<b>Name of representative</b>	<b>Signature</b>	<b>Date</b>

## **C1.1 Form of Offer and Acceptance**



## DPW-07 (EC): FORM OF OFFER AND ACCEPTANCE

Project title:	GRIEKWASTAD REHABILITATION OF OLD SAPS CANTEEN INTO OFFICES FOR SASSA		
Tender no:	KIM 08/2024	Reference no:	19/2/4/2/2/2316/23

### OFFER

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

***Rehabilitation of Old SAPS canteen into offices for SASSA – Completion of the works***

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

**THE TOTAL OFFER INCLUSIVE OF ALL APPLICABLE TAXES** (All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies) **IS:**

Rand (in words):	
Rand in figures:	R

The award of the tender may be subjected to further price negotiation with the preferred tenderer(s). The negotiated and agreed price will be considered for acceptance as **a firm and final offer**.

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the tender data, whereupon the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

**THIS OFFER IS MADE BY THE FOLLOWING LEGAL ENTITY:** (cross out block which is not applicable)

Company or Close Corporation:

.....

And: Whose Registration Number is:

.....

And: Whose Income Tax Reference Number is:

.....

CSD supplier number:.....

OR

Natural Person or Partnership:

.....

Whose Identity Number(s) is/are:

.....

Whose Income Tax Reference Number is/are:

.....

CSD supplier number:.....

**AND WHO IS** (if applicable):

Trading under the name and style of: .....

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

\*\*Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

Tender no: 050310

AND WHO IS:

<p>Represented herein, and who is duly authorised to do so, by:</p> <p>Mr/Mrs/Ms: .....</p> <p>In his/her capacity as: .....</p>	<p>Note:</p> <p>A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer.</p>
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SIGNED FOR THE TENDERER:

.....	.....	.....
Name of representative	Signature	Date

WITNESSED BY:

.....	.....	.....
Name of witness	Signature	Date

This Offer is in respect of: (Please indicate with an "X" in the appropriate block)

- The official documents ..... ☐
- The official alternative ..... ☐
- Own alternative (only if documentation makes provision therefore) ..... ☐

(N.B.: Separate Offer and Acceptance forms are to be completed for the main and for each alternative offer)

SECURITY OFFERED:

- (a) the Tenderer accepts that in respect of contracts up to R1 million, a payment reduction\*\* of 5% of the contract value (excluding VAT) will be applicable and will be deducted by the Employer in terms of the applicable conditions of contract
- (b) in respect of contracts above R1 million, the Tenderer offers to provide security as indicated below:
- (1) cash deposit of 10 % of the Contract Sum (excluding VAT) Yes ☐ No ☐
- (2) variable construction guarantee of 10 % of the Contract Sum (excluding VAT) Yes ☐ No ☐
- (3) payment reduction of 10% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐
- (4) cash deposit of 5% of the Contract Sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐
- (5) fixed construction guarantee of 5% of the Contract Sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) Yes ☐ No ☐

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 35 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

The Tenderer elects as its *domicilium citandi et executandi* in the Republic of South Africa, where any and all legal notices may be served, as (physical address):

.....

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

\*\*Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

## of Offer and Acceptance

Tender no: 050310

## Other Contact Details of the Tenderer are:

Telephone No. .... Cellular Phone No. ....

Fax No. ....

Postal address .....

Banker ..... Branch .....

Registration No of Tenderer at Department of Labour .....

CIDB Registration Number: .....

## ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

## The terms of the contract are contained in:

Part C1 Agreement and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 Scope of work

Part C4 Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five (5) working days of the date of such receipt notifies the employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

## For the Employer:

Name of signatory	Signature	Date

Name of Organisation:	Department of Public Works and Infrastructure
Address of Organisation:	

## WITNESSED BY:

Name of witness	Signature	Date

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

\*\*Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention"

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For Internal &amp; External Use

Effective date 20 September 2021

Version 2021/01



Tender no: 050310

### Schedule of Deviations

1.1.1. Subject:
Detail:
1.1.2. Subject:
Detail:
1.1.3. Subject:
Detail:
1.1.4. Subject:
Detail:
1.1.5. Subject:
Detail:
1.1.6. Subject:
Detail:

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

#### Notes:

1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the conditions of tender.
2. A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract. **(Note: This note must be deleted by the Project Manager/ Consultant(s) when compiling the tender document)**

## C2.2 Bills of Quantities

Consisting of:	Section 1	Preliminaries	Pages 1 - 32
	Section 2	Building work	Pages 33 - 142
	Section 3	Electrical installations	Pages 143 - 166
	Section 4	Mechanical installations	Page 167 - 172
	Final Summary		Page 173
	Sketches		Refer to "Scope of Works"
	Window, Door and Gate Schedules		Refer to "Scope of Works"
	Electrical and Mechanical Specifications		Refer to "Scope of Works"



public works  
& infrastructure

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Department:  
Public Works and Infrastructure  
**REPUBLIC OF SOUTH AFRICA**

**PRELIMINARIES  
FOR INCLUSION IN  
BILLS OF QUANTITIES AND  
LUMP SUM DOCUMENTS  
BASED ON THE  
JBCC EDITION 6.2 - MAY 2018  
DOCUMENTATION**

**20 JULY 2022**

## **NOTES TO CONSULTANT QUANTITY SURVEYORS / PROJECT MANAGERS**

### **PRELIMINARIES**

The attached pro-forma Preliminaries which are to be inserted in the Bills of Quantities / Lump Sum Document, are to be dealt with as follows:

#### **Section A**

Section A lists the clauses of and refers directly to the JBCC Principal Building Agreement (Edition 6.2 - May 2018), as well as those clauses that have been changed in Clause B18.0 of the Contract Data for Organs of State and other Public Sector Bodies

#### **Section B**

Section B lists the clauses of and refers directly to the JBCC General Preliminaries (May 2018)

#### **Section C**

Section C contains specific preliminary items. All items must be scrutinised and any item which is not appropriate must be marked N/A (Not Applicable)

Any new items which may be necessary for a particular service must be inserted at the end of Section C

## SECTION 1

### PRELIMINARIES

#### MEANING OF TERMS "TENDER / TENDERER"

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

#### BUILDING AGREEMENT AND PRELIMINARIES

The **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described to be read in conjunction with the **Contract Data** issued with the tender.

The **JBCC** General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these **bills of quantities** / lump sum document, amended as hereinafter described

The **contractor** is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause

The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only

Where any item is not relevant to this **agreement** such item is marked N/A signifying "not applicable"

Where standard clauses or alternatives are not entirely applicable to this **agreement** such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents

#### TENDERER'S SELECTIONS

Before submission of his tender the **contractor** is to complete the tenderer's selections in the **contract data for organs of state and other public sector bodies**

#### 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 organs of state and other public sector bodies** 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)



## 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**.

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

## VALUE ADDED TAX

Provision is made in the summary page of these **bills of quantities** / lump sum document for the inclusion of Value Added Tax (VAT)

## SECTION A: PRINCIPAL BUILDING AGREEMENT

### INTERPRETATION

#### A1.0 DEFINITIONS AND INTERPRETATION

Clause 1.0

**The following definitions replace corresponding definitions or are added to the definitions in the JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), whatever the case may be**

**ADVERSE WEATHER CONDITIONS:** Adverse weather and inclement weather has the same meaning and used interchangeably and means any weather conditions i.e.: Rain, wind, snow, frost, temperature (cold or heat) that are not in the norm for the area where the construction takes place and during which no work is possible on site

**AGREEMENT:** The completed Form of Offer and Acceptance, the completed JBCC® Principal Building Agreement and contract data for organs of state and other public sector bodies, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representative or representatives of the parties

**CONSTRUCTION PERIOD:** The period commencing on the date of possession of the **site** by the **contractor** and ending on the date of **practical completion**

**CONTRACT PERIOD:** The period commencing on the date of the letter of acceptance and ending on the date of final completion

**COST FLUCTUATION** shall mean contract price adjustment provision ( CPAP ) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule

**DEFAULT INTEREST:** No Clause

**GUARANTEE FOR CONSTRUCTION:** A security in terms of the DPWI's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD]

**INTEREST:** The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) as amended, calculated as simple interest, in respect of debts owing to the State, and will be the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State

**LETTER OF ACCEPTANCE:** The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer

**PAYMENT CERTIFICATE:** A certificate issued at regular agreed intervals [CD] by the principal agent to the parties certifying the amount due and payable in terms of Clause 25.3

**PRINCIPAL AGENT:** The person or entity appointed by the **employer** and named in the **contract data for organs of state and other public sector bodies**. In the event of a **principal agent** not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by the employer's representative as named in the **contract data for organs of state and other public sector bodies**

**TARGETED SUBCONTRACTORS:** Subcontractors that must be appointed to a total of 30% or more of the contract sum, by the contractor, projects with a contract sum of the amount determined by the Minister in terms of the latest Preferential Procurement regulations, as may be amended from time to time.

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

## A2.0 LAW, REGULATIONS AND NOTICES

Clause 2.0 -

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

## A3.0 OFFER AND ACCEPTANCE

**Replace Clause 3.3 with the following:**

This **agreement** shall come into force on the date of **letter of acceptance** and continue to be of force and effect until the end of the **latent defects** liability period [22.0] notwithstanding termination [29.0] or the certification of **final completion** [21.0] and final payment [25.0]

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

## A4.0 CESSION AND ASSIGNMENT

Clause 4.0

Ref Clause 6.7 [CD] - Clause 4.2

**Replace Clause 4.3 with the following:**

Where a **contractor** cedes any right or any monies due to or to become due under this **agreement** as security in favour of a financial institution, the prior written consent of the **employer**, which consent shall not be unreasonably withheld, must be obtained

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

# SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

## A5.0 DOCUMENTS

## Clause 5.0

**Replace last sentence of Clause 5.2 with the following:**

The original signed **agreement** shall be held by the **Employer**

**Replace Clause 5.4 with the following:**

The Bills of Quantities shall not be used as a specification of material and goods or methods unless so instructed by the Principal Agent. The contractor may not use the Bills of Quantities for purpose of ordering material. All dimensions and quantities must be determined on site before ordering. In the event of discrepancy between the drawings and Bills of Quantity, the drawings shall take preference

**Replace Clause 5.5 with the following:**

The parties may publish or disclose on any platform only the contract scope and contract amount

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

Item

## A6.0 EMPLOYER'S AGENTS

## Clause 6.0

**Replace Clause 6.5 with the following:**

Where the principal agent and/or an agent fails to act or is unable to act or ceases to be the principal agent or an agent in terms of this agreement, the employer shall appoint another principal agent and/or an agent

**Add the following as Clause 6.7:**

In terms of the clauses listed hereunder, the employer has retained its authority and has not given a mandate to the principal agent, notwithstanding other provisions in the contract. The employer shall sign all documents in relation to clauses 4.2, 14.1.4, 14.4.1, 14.6, 15.1.4, , 15.4.1, 23.1, 23.2, 23.3, 23.7, 23.8, 26.1, 26.7, 26.12

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

Item

## A7.0 DESIGN RESPONSIBILITY

## Clause 7.0

**Replace first sentence of Clause 7.2 with the following:**

Any design responsibility undertaken by a subcontractor shall not devolve on the contractor except for items that require specific component design and or compatibility design and or shop drawings and or the assembly thereof

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

Item

**INSURANCES AND SECURITIES**

## A8.0 WORKS RISK

## Clause 8.0

**Replace Clause 8.4 with the following:**

The **contractor** shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the **works** as the **contractor** may deem necessary

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

Item

A9.0 **INDEMNITIES**

Clause 9.0

**Add the following to the end of the first sentence of Clause 9.2.7:**“.... due to no fault of the **contractor**

9.2.9 No Clause

9.2.10 No Clause

**Add the following as clause 9.3:**

The employer's rights to claim damages for the contractor's omissions and actions will not be affected.

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

Item

A10.0 **INSURANCES**

Clause 10.0

**Replace Clause 10.1 with the following:**

The party responsible shall effect and keep the respective insurances [CD] in force, in favour of the employer as beneficiary , from the date of possession of the site until the issue of the certificate of practical completion and with an extension to cover the contractors obligations after the date of practical completion [8.2.2]

**Add the following as Clause 10.1.5.1:****Hi Risk Insurance**

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

**Add the following as Clause 10.1.5.1.1 Damage to the works**

The contractor shall, from the date of possession of the **site** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

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

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

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

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

**10.1.5.1.3 Replace Clause with the following:**

It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days of the date of letter of acceptance**, but before commencement of the **works**, submit to the **employer** proof of such insurance policy.

**10.1.5.1.4 Replace Clause with the following:**

The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

**10.2 Replace Clause with the following:**

Where practical completion in sections is required [20.0], or where the works is for alterations and additions, the contractor shall effect and keep in force contract works insurance [10.1.1], supplementary insurance [10.1.2], public liability insurance [10.1.3] and where applicable, removal of lateral support insurance [10.1.4] and other insurances [10.1.5] in favour of the employer as beneficiary

10.6 No Clause

**Add the following as Clause 10.11**

In the event that an insurer dispute the amount of the claim to be paid to the employer, the contractor shall be liable to the employer for the difference between the claim (as determined by the employers QS appointed on the project) made by the employer and the amount that the insurer is willing to pay

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

Item

**A11.0 SECURITIES**

**Add the following as to the relevant related Clauses as follows:**

**Add the following to Clause 11.1:**

In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT).

In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of C 1.0 Securities, as stated in the schedule. Such security shall be provided to the employer within fifteen (15) working days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within fifteen (15) working days from commencement date, the security in terms of C 1.0 Option C shall be deemed to have been selected.

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5

11.1.1 No Clause

11.1.2 No Clause

11.2.2 No Clause

11.3 No Clause

**Replace Clause 11.4.1 with the following:**

Hand over the site to the contractor and withhold an amount equal to ten per cent (10%) of each interim payment certificate until practical completion is achieved. The value certified shall be subject to the adjustments in terms of 25.12.6 to 25.12.10.

11.5 No Clause

11.6 No Clause

11.7 No Clause

11.8 No Clause

11.9 No Clause

11.10 No Clause

**Add the following as Clause 11.11:**

Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:

**Add the following as Clause 11.11.1:**

The contractor shall furnish the employer with a cash deposit equal in value to ten percent (10%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to furnish the employer with a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.

**Add the following as Clause 11.11.2:**

The employer shall be entitled to recover expense and loss from the cash deposit in terms of Clause 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor.

**Add the following as Clause 11.11.3:**

Within fifteen (15) working days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT) and refund the balance to the contractor

**Add the following as Clause 11.11.4:**

Within fifteen (15) working days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor.

**Add the following as Clause 11.11.5:**

On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor.

**Add the following as Clause 11.11.6:**

The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party.

**Add the following as Clause 11.12:**

Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:

**Add the following as Clause 11.12.1:**

The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within fifteen (15) working days after issuance of the letter of acceptance. Failure to submit an acceptable variable construction guarantee within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.

**Add the following as Clause 11.12.2:**

The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender.

**Add the following as Clause 11.12.3:**

The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring.

**Add the following as Clause 11.12.4:**

Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall issue a written demand in terms of the variable construction guarantee.

**Add the following as Clause 11.13:**

Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:

**Add the following as Clause 11.13.1:**

The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT).

**Add the following as Clause 11.13.2:**

The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion.

**Add the following as Clause 11.13.3:**

The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring.

**Add the following as Clause 11.13.4:**

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.

**Add the following as Clause 11.13.5:**

Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or from both.

**Add the following as Clause 11.14.1:**

Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:

**Add the following as Clause 11.14.2:**

The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to submit a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.

**Add the following as Clause 11.14.3:**

Within fifteen (15) working days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor.

**Add the following as Clause 11.14.4:**

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.

**Add the following as Clause 11.14.5:**

Where the employer has a right of recovery against the contractor in terms of 27, the employer may recover from the payment reduction or cash deposit or from both.

**Add the following as Clause 11.15:**

Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected.

**Add the following as Clause 11.15.1:**

The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.6 to 25.12.10.

**Add the following as Clause 11.15.2:**

The employer shall be entitled to recover expense and loss from the cash deposit in terms of 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor.

**Add the following as Clause 11.16:**

Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement.

**Add the following as Clause 11.17:**

Should the contractor fail to furnish the security in terms of 11.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT).

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

Item

**EXECUTION****A12.0 OBLIGATIONS OF THE PARTIES****Clause 12.0****12.1.1 No Clause****Replace Clause 12.1.5 with the following:**

Give possession of the site to the contractor within ten (10) working days after approval of the Health and Safety Plan or the issue of a construction permit by the Department of Labour, if applicable, after the contractor complied with the terms of 12.2.22

**12.1.6 No Clause****12.1.8 No Clause****Replace Clause 12.2.2 with the following:**

The priced Bills must be submitted to the Employer within fourteen (14) calendar days from date of request. Where the priced document contains errors or discrepancies and/or prices considered by the employer or principal agent to be imbalanced or unreasonable the employer or principal agent and the contractor shall adjust such prices without any change to the contract sum

**Replace Clause 12.2.5 with the following :**

Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0] [CD]

**Replace Clause 12.2.13 with the following:**

Designate a competent person full time on site to continuously administer and control the works on site and to receive and implement notices and contract instructions on behalf of the contractor

**Add the following as Clause 12.2.22:****SECTION 1: PRELIMINARIES (SECTION A)****Each Item Carried to Collection**



Within fourteen (14) working days of the date of the letter of acceptance submit to the principal agent an acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

**Add the following as Clause 12.2.23:**

The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0]

**Offices**

The **contractor** shall provide, maintain and remove on completion of the **works** an office for the exclusive use of the **principal agent**, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times [12.2.18]

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

Item

**Main notice board**

The **contractor** shall provide, erect where directed, maintain and remove on completion of the **works** a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering [12.2.18]

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

Item

**A13.0 SETTING OUT**

Clause 13.0

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

Item

**A14.0 NOMINATED SUBCONTRACTORS**

Clause 14.0

Ref Clause 6.7 [CD] - Clause 14.1.4

14.1.5 No Clause

Replace "principal agent " with "employer" [6.7 [CD]] in Clause 14.4.1

Ref Clause 6.7 [CD] - Clause 14.6

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

Item

**A15.0 SELECTED SUBCONTRACTORS**

Clause 15.0

Ref Clause 6.7 [CD] - Clause 15.1.4 & Clause 15.5

**SECTION 1: PRELIMINARIES (SECTION A)**

**Each Item Carried to Collection**

	15.1.5 No Clause			
	<p><b>Replace Clause 15.1.2 with the following:</b> The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer</p> <p>Replace "principal agent " with "employer" [6.7 [CD]] in Clause 15.4.1</p> <p>F:..... V:..... T:.....</p>	Item		
A16.0	<p><b>DIRECT CONTRACTORS</b></p> <p>Clause 16.0</p> <p>F:..... V:..... T:.....</p>	Item		
A17.0	<p><b>CONTRACT INSTRUCTIONS</b></p> <p>Clause 17.0</p> <p><b>Replace Clause 17.4 with the following:</b> The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21</p> <p><b>Add the following clause as Clause 17.6:</b> Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement.</p> <p>F:..... V:..... T:.....</p>	Item		
	<b>COMPLETION</b>			
A18.0	<p><b>INTERIM COMPLETION</b></p> <p>Clause 18.0</p> <p>F:..... V:..... T:.....</p>	N/A	-	-
A19.0	<p><b>PRACTICAL COMPLETION</b></p> <p>Clause 19.0</p> <p><b>Replace Clause 19.5 with the following:</b> On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section</p> <p><b>Add the following as Clause 19.8:</b> <b>WORKS COMPLETION</b></p> <p>(1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion.</p> <p>(2) Where, in the opinion of the contractor, the works completion list has been completed the contractor shall notify the principal agent who shall inspect within seven (7) calendar days of receipt of such a notice. Where, in the opinion of the principal agent, the Works Completion list:</p> <p>(2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a</p>			

## SECTION 1: PRELIMINARIES (SECTION A)

Each Item Carried to Collection

certificate of Works Completion to the contractor with a copy to the employer

(2)(b) Has not been satisfactorily completed, the principal agent shall forthwith identify the works completion list items that are not yet complete and inform the contractor thereof. The contractor shall repeat the procedure in terms of 19.8(2)

(3) Should the principal agent not issue a works completion list, in terms of 19.8 (1) or 19.8 (2)(b), within seven (7) calendar days from the end of the inspection period, the contractor shall notify the employer and principal agent. Should the principal agent not issue such Works Completion list within seven (7) calendar days of receipt of such notice, the employer may within seven (7) calendar days issue to the contractor a Works Completion list. Should the employer:

(3)(a) Not issue such works completion list within seven (7) calendar days, then the certificate of Works Completion shall be deemed to have been issued on the date of expiry of the initial notice period and works completion shall be deemed to have been achieved on such date

(3b) Issue a works completion list and the work on Works Completion list not have been completed or where further defects have become apparent, the employer shall forthwith identify such items on the updated works completion list and notify the contractor. The contractor shall repeat the procedure in terms of 19.8(2)(b) until such items have been completed to the satisfaction of the employer

(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty one (21) working days of the issue first works completion list the contractor shall be liable to a daily penalty as described in B12.0

(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).

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

Item

## A20.0 COMPLETION IN SECTIONS

Clause 20.0

### Add the following as Clause 20.2.1.A

A certificate of Works Completion [19.8]

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

Item

## A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION

Clause 21.0

### Replace Clause 21.1 with the following:

The defects liability period for the works shall commence on the calendar day following the date of works completion and end at midnight (00:00) ninety (90) calendar days from the date of works completion [CD] or when work on the list for completion has been satisfactorily attended to [21.6), whichever is the later (if we use works completion)

### Replace Clause 21.6 with the following:

On the expiry of the ninety (90) calendar days defects liability period [21.1] for items not indicated as items with an extended liability as indicated in B14 and on receipt of the contractor's notice to the principal agent

And/or

On the expiry of the defects liability period as indicated in B14, for items indicated in B14 and on receipt of the contractor's notice to the principal agent, the principal agent shall:

- (1) inspect the works And within ten (10) working days either issue a list for final completion detailing all outstanding work or defects that must be attended to, or rectified to achieve final completion or
- (2) issue the certificate of final completion to the contractor with a copy to the employer for that part of the works where defects liability period has expired

21.6.1 Omit Clause

21.6.2 Omit Clause

**Add the following as Clause 21.13:**

The ninety (90) calendar days defects liability period for the works [21.1] is replaced with an extended defects liability period of three hundred and sixty-five (365) calendar days in respect of the listed applicable elements in B14

**Add the following as Clause 21.14:**

Penalties will be applied if the items on the completion list have not been attended to within a period of ninety (90) calendar days [21.1]. If additional defect items have being added to the list during this period, then the Principal Agent and Contractor will agree on a revised completion date. Failing in achieving the revised date will result in penalties being applied.[B12.0]

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

Item

**A22.0 LATENT DEFECTS LIABILITY PERIOD**

Clause 22.0

22.3.2 No Clause

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

Item

**A23.0 REVISION OF THE DATE FOR PRACTICAL COMPLETION**

Clause 23.0

Ref Clause 6.7 [CD] – Clause 23.1

Ref Clause 6.7 [CD] – Clause 23.2

23.2.13 No Clause

**Replace Clause 23.3 with the following:**

Further circumstances that delays practical completion due to any other cause beyond the contractor's reasonable control that could not have reasonably been anticipated and provided for which the contractor may be entitled to a revision of the date for practical completion, with or without an adjustment of the contract value as determined by the Employer [6.7 CD]

Ref Clause 6.7 [CD] - Clause 23.7

Ref Clause 6.7 [CD] - Clause 23.8

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

Item

**A24.0 PENALTY FOR LATE OR NON-COMPLETION**

Clause 24.0

**Replace Clause 24.1 with the following:**

Where the contractor fails to bring the works, or a section thereof, to practical-, works-, or final-completion by the applicable completion date [CD], or the revised applicable completion date, the contractor shall be liable to the employer for the penalty [CD]

**SECTION 1: PRELIMINARIES (SECTION A)**

**Each Item Carried to Collection**

**Replace Clause 24.2 with the following:**

Where the employer elects to levy such penalty the employer, or the principal agent on instruction from the employer, shall give notice thereof to the contractor. The principal agent shall determine the penalty due from the later of the date for practical- works-, or final-completion [CD], or the revised date for practical- works-, or final- completion, up to and including the earlier of:

**Replace Clause 24.2.1 with the following:**

The actual or deemed date of practical- works-, or final- completion, of the works, or a section thereof [23.7.1]

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

Item

**PAYMENT**

A25.0

**PAYMENT**

Clause 25.0

**Replace Clause 25.2 with the following:**

The principal agent shall issue at regular agreed intervals [CD] payment certificates, to the contractor with a copy to the employer, up to and including practical completion. Interim Payment certificates may be issued to the contractor between practical completion and the final payment certificate. A payment certificate may be for a nil or negative amount

**Add the following to Clause 25.3:**

25.3.12 Monthly Local content report,

25.3.13 EPWP / NYS payment register, labour reports and certified ID document of EPWP/ NYS beneficiaries, Contract between Contractor and EPWP/ NYS beneficiaries, attendance register. (if applicable)

25.3.14 Tax Invoice

25.3.15 Labour intensive report

25.3.16 Contract participation goal reports

25.5 No Clause

**Replace Clause 25.6 with the following:**

Materials and goods will only be certified and paid for upon providing proof of full payment to the supplier and proof of transfer of ownership from the supplier to the contractor by the contractor. Once paid, material and goods shall become the property of the employer and shall not be removed from site without the written authority of the Employer.

25.7.5 No clause.

**Replace Clause 25.10 with the following:**

The employer shall pay the contractor the amount stipulated in an issued payment certificate, correct in all material respects, within thirty (30) calendar days from the date of receiving the payment certificate, invoice and all other substantiating documentation for items certified in the payment certificate

**Replace Clauses 25.12 to 25.12.3 with the following:**

The value certified shall be subject to the following percentage adjustments :

(Clauses 25.12.1 to 25.12.5 shall be applicable to a contract sum up to R1 million. In the event of a contract sum more than R1 million for Options D & E (C 1.0 Securities [11.0]) Clauses 25.12.1 to 25.12.5 shall be applicable)

25.12.1 Where a security is selected in terms of C 1.0 Securities [11.0], the value of the works in terms of 25.1 and of the materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

25.12.2 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion

25.12.3 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion

25.12.4 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26

25.12.5 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.

**(Clauses 25.12.6 to 25.12.10 shall be applicable to a contract sum more than R1 million for Option C (C 1.0 Securities [11.0])**

25.12.6 Where security is a payment reduction in term of C 1.0 Option C, value of the works in terms of 25.1 and materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

25.12.7 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion

25.12.8 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion

25.12.9 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26

25.12.10 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate

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

Item

## A26.0 ADJUSTMENT OF THE CONTRACT VALUE AND FINAL ACCOUNT

Clause 26.0

Ref Clause 6.7 [CD] – Clause 26.1

Omit Clause 26.4.3

Ref Clause 6.7 [CD] – Clause 26.7

**Replace Clause 26.10 with the following:**

The principal agent shall prepare the final account in consultation with the employer and issue the final account, to the contractor within sixty (60) working days of the date of practical completion

Ref Clause 6.7 [CD] – Clause 26.12

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

Item

**A27.0 RECOVERY OF EXPENSE AND/OR LOSS**

Clause 27.0

**Replace Clause 27.1.2 with the following:**

Interest due to late payment only

**Replace Clause 27.1.4 with the following:**

Interest due to late payment only

27.1.5 No Clause

**Replace Clause 27.5 with the following:**

Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security

**Add the following as Clause 27.6:**

Where a provisional sequestration or provisional liquidation order has been granted or where an order has been granted which commences sequestration, liquidation, bankruptcy, receivership, winding-up or any similar effect, against the contractor or this agreement is cancelled in terms of 29, the employer may issue a demand to the guarantor in terms of the construction guarantee or advance payment guarantee held as security

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

Item

**SUSPENSION AND TERMINATION****A28.0 SUSPENSION BY THE CONTRACTOR**

Clause 28.0

28 No Clause

28.1 No Clause

28.1.1 No Clause

28.1.2 No Clause

28.1.3 No Clause

28.1.4 No Clause

28.1.5 No Clause

28.2 No Clause

28.3 No Clause

28.4 No Clause

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

Item

**A29.0 TERMINATION**

Clause 29.0

**Add the following as Clause 29.1.4:**

The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

**Add the following as Clause 29.1.5:**

The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract

**Add the following as Clause 29.1.6:**

Honour his obligations in terms of Clauses 10.1.5.1.3, 11.4.1 and 12.2. sub Clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22.

**Replace Clause 29.7 with the following:**

The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3]

**Replace Clause 29.9 with the following:**

The employer has the right of recovery against the contractor, where applicable, [CD] from:

The guarantee for construction (variable) until the final payment has been made;

or

The guarantee for construction (fixed) until the date of practical completion;

or

The payment reduction until the final payment is made;

or

The cash deposit made as security until the final payment is made

29.14.1 No Clause

29.14.3 No Clause

29.14.4 No Clause

29.14.5 No Clause

29.14.6 No Clause

29.14.7 No Clause

29.15 No Clause

29.16 No Clause

29.17.3 No Clause

29.17.6 No Clause

29.21.5 No Clause

29.22 No Clause

29.23 No Clause

29.25.3 No Clause

29.25.4 No Clause



29.27 No Clause

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

Item

**DISPUTE RESOLUTION**

A30.0

**DISPUTE RESOLUTION**

Clause 30.0

**Replace Clause 30.2 with the following:**

Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation

**30.3 to 30.7.7 No Clauses****Replace Clause 30.8 with the following:**

The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:

**30.8.1 No Clause****Replace Clause 30.8.2 with the following:**

The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties

**Replace Clause 30.8.3 with the following:**

Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses

**Replace Clause 30.9 with the following:**


Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse

30.10 No Clause

30.12 No Clause

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

Item

 Item

R

c

	<b>SECTION B: GENERAL PRELIMINARIES</b>	
B1.0	<b>DEFINITIONS AND INTERPRETATION</b>	
B1.1	<b>Definitions</b>	
	F:..... V:..... T:.....	Item
B1.2	<b>Interpretation</b>	
	F:..... V:..... T:.....	Item
B2.0	<b>DOCUMENTS</b>	
B2.1	<b>Checking of documents</b>	
	F:..... V:..... T:.....	Item
B2.2	<b>Provisional bills of quantities</b>	
	F:..... V:..... T:.....	Item
B2.3	<b>Availability of construction information</b>	
	F:..... V:..... T:.....	Item
B2.4	<b>Ordering of materials and goods</b>	
	F:..... V:..... T:.....	Item
B3.0	<b>PREVIOUS WORK AND ADJOINING PROPERTIES</b>	
B3.1	<b>Previous work - dimensional accuracy</b>	
	F:..... V:..... T:.....	Item
B3.2	<b>Previous work - defects</b>	
	F:..... V:..... T:.....	Item
B3.3	<b>Inspection of adjoining properties</b>	
	F:..... V:..... T:.....	Item
B4.0	<b>THE SITE</b>	
B4.1	<b>Handover of site in stages</b>	
	F:..... V:..... T:.....	Item
B4.2	<b>Enclosure of the works</b>	
	F:..... V:..... T:.....	Item
B4.3	<b>Geotechnical and other investigations</b>	
	F:..... V:..... T:.....	Item
B4.4	<b>Encroachments</b>	
	F:..... V:..... T:.....	Item

**SECTION 1: PRELIMINARIES (SECTION B)**

Each Item Carried to Collection

Item		R	C
B4.5	<b>Existing premises occupied</b> F:..... V:..... T:.....	Item	
B4.6	<b>Services - known</b> F:..... V:..... T:.....	Item	
B5.0	<b>MANAGEMENT OF CONTRACT</b>		
B5.1	<b>Management of the works</b> F:..... V:..... T:.....	Item	
B5.2	<b>Progress meetings</b> F:..... V:..... T:.....	Item	
B5.3	<b>Technical meetings</b> F:..... V:..... T:.....	Item	
B6.0	<b>SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</b>		
B6.1	<b>Samples of materials</b> F:..... V:..... T:.....	Item	
B6.2	<b>Workmanship samples</b> F:..... V:..... T:.....	Item	
B6.3	<b>Shop drawings</b> F:..... V:..... T:.....	Item	
B6.4	<b>Compliance with manufacturer's instructions</b> F:..... V:..... T:.....	Item	
B7.0	<b>DEPOSITS AND FEES</b>		
B7.1	<b>Deposits and fees</b> F:..... V:..... T:.....	Item	
B8.0	<b>TEMPORARY SERVICES</b>		
B8.1	<b>Water</b> F:..... V:..... T:.....	Item	
B8.2	<b>Electricity</b> F:..... V:..... T:.....	Item	
B8.3	<b>Ablution and welfare facilities</b> F:..... V:..... T:.....	Item	

**SECTION 1: PRELIMINARIES (SECTION B)**

**Each Item Carried to Collection**

Item		R	c
B8.4	<b>Communication facilities</b> F:..... V:..... T:.....	Item	
B9.0	<b>PRIME COST AMOUNTS</b>		
B9.1	<b>Responsibility for prime cost amounts</b> F:..... V:..... T:.....	Item	
B10.0	<b>ATTENDANCE ON SUBCONTRACTORS</b>		
B10.1	<b>General attendance</b>  The <b>contractor</b> shall at his own expense provide the following general attendance on the <b>subcontractors</b> :  Access to the <b>site</b> and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the <b>contractor</b>  The provision of water and lighting and single phase electric power to a position within 50 metres of the place where the subcontract work is to be carried out but excluding water, fuel and power for commissioning of any installation  The provision of an area for the <b>subcontractor</b> to establish temporary office accommodation and workshops and for the storage of plant and materials  The use of erected scaffolding belonging to the <b>contractor</b> , in common with others having the like right, while it remains erected on the <b>site</b>  The use, at reasonable times by arrangement of the <b>contractor's</b> erected hoisting equipment F:..... V:..... T:.....	Item	
B10.2	<b>Special attendance</b> F:..... V:..... T:.....	Item	
B11.0	<b>GENERAL</b>		
B11.1	<b>Protection of the works</b> F:..... V:..... T:.....	Item	
B11.2	<b>Protection/isolation of existing works and works occupied in sections</b> F:..... V:..... T:.....	Item	
B11.3	<b>Security of the works</b> F:..... V:..... T:.....	Item	
B11.4	<b>Notice before covering work</b> F:..... V:..... T:.....	Item	

**SECTION 1: PRELIMINARIES (SECTION B)**

**Each Item Carried to Collection**

B11.5 **Disturbance**

The **contractor** shall keep the **site**, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the **works** all necessary temporary dust screens all to the satisfaction of the **principal agent**

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

B11.6 **Environmental disturbance**

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

B11.7 **Works cleaning and clearing**

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

B11.8 **Vermin**

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

B11.9 **Overhand work**

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

B11.10 **Tenant installations**

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

B11.11 **Advertising**

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

**SECTION C: SPECIFIC PRELIMINARIES**

**Section C** contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item

**C1.0 CONTRACT DRAWINGS**

\* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a **bills of quantities** or lump sum document

\* The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed

\* A full set of drawings is issued with the tender documents indicating the full scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed

Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

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

Item

**C2.0 PREAMBLES**

The document "Construction Works: Specifications: General Specification (PW371-A) Edition 2.1" is obtainable on the Department's website (<http://www.publicworks.gov.za/> under "Consultants Guidelines"), and shall be read in conjunction with the **bills of quantities** / lump sum document and be referred to for the full descriptions of work to be done and materials to be used

The document "Construction Works: Specifications: Particular Specification (PW371-B) Edition 2.2" is issued together with the drawings and shall be read in conjunction with the drawings and the **bills of quantities** / lump sum document

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

Item

**C3.0 TRADE NAMES**

Wherever a trade name for any product has been described in the **bills of quantities** / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

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

Item

**C4.0 IMPORTED MATERIALS AND EQUIPMENT**

Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer)

Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the

**SECTION 1: PRELIMINARIES (SECTION C)**  
Collection

Each Item Carried to

price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

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

Item

#### C5.0 VIEWING THE SITE IN SECURITY AREAS

The **site** is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the **site** for tendering purposes

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

Item

#### C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS

As the **works** falls within a security area the **contractor** must give the unit commander or other responsible officer notice before commencement of the **works**. Should the **contractor** fail to make such arrangements, admission to the **site** may be refused and any additional costs will be for the **contractor's** account

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

Item

#### C7.0 ENTRANCE PERMITS TO SECURITY AREAS

As the **works** falls within a security area the **contractor** shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer

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

Item

#### C8.0 SECURITY CHECK OF PERSONNEL

The **principal agent** may require the **contractor** to have his personnel and workmen, or a certain number of them, security classified

In the event of the **principal agent** requesting the removal of a person or persons from the **works** for security reasons, the **contractor** shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the **works** and the **site** and/or to any document or information relating to the **works**

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

Item

#### C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS

In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister

The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959

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

Item

#### C10.0 HIV/AIDS AWARENESS

### SECTION 1: PRELIMINARIES (SECTION C) Collection

Each Item Carried to



It is required of the **contractor** to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities** / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained

The **contractor** must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the **principal agent**, notwithstanding the provisions of Clause A 25.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including **interest**, due to such delay of payment

#### C10.1 AWARENESS CHAMPION

Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification

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

#### C10.2 AWARENESS WORKSHOPS

Selection and appointment of a competent Service Provider approved by the **principal agent**, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification

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

#### C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.

Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

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

#### C10.4 ACCESS TO CONDOMS

Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

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

#### C10.5 MONITORING

Monitoring HIV/AIDS awareness of workers, providing the **principal agent** with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the **construction period** and close out, all in accordance with the HIV/AIDS Specification

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

### SECTION 1: PRELIMINARIES (SECTION C) Collection

Each Item Carried to

## C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT

The **contractor** shall comply with all the requirements as set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

It is required of the **contractor** to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities** / lump sum document

The **contractor** must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the **principal agent**, notwithstanding the provisions of Clause A25.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including **interest**, due to such delay of payment

Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained

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

## C12.0 EMPLOYMENT AND TRAINING OF YOUTH WORKERS ON THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) INFRASTRUCTURE PROJECTS: NATIONAL YOUTH SERVICE (NYS)

The **contractor** shall comply with all the requirements as set out in the "Additional Specification SL: Employment and Training of Youth Workers on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service (NYS)" as attached to these **bills of quantities** / lump sum document

The **contractor** shall identify a minimum number of youth workers from a priority list, and shall employ them at the statutory labour rates for a minimum period and train them, all as per the aforementioned specification and as elsewhere measured in these **bills of quantities** / lump sum document

The **contractor** shall liaise and co-ordinate with the **employer** and the EPWP Training Service Provider with regard to the priority list, the selection of youth workers, and the employment and training of the identified youth workers

The **contractor** shall avail the services of an adequately qualified foreman specifically for the EPWP-NYS youth workers, to act as their construction supervisor. The foreman will be responsible for continually monitoring the progress of the youth workers and for addressing questions and issues that may arise from the youth workers

Separate items which will be subject to remeasurement have been included elsewhere in these **bills of quantities** / lump sum document to cover the direct costs associated with the employment and training of the youth workers. Any additional requirements in respect of the aforementioned specification are deemed to be priced hereunder and no additional claims in this regard shall be entertained

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

## C13.0 IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP)

### SECTION 1: PRELIMINARIES (SECTION C) Collection

Each Item Carried to

The **contractor** shall comply with all the requirements of the “Code of Good Practice for Employment and Conditions of Work for Special Public Works Programmes” issued in terms of the “Basic Conditions of Employment Act, 1997 (Act No 75 of 1997)” and the related “Ministerial Determination”, for the employment of locally employed temporary workers on a labour-intensive infrastructure project under the Expanded Public Works Programme (EPWP)

The **contractor** shall maintain daily records with regard to the workers employed and shall, on a monthly basis, submit a report to the **principal agent** in the prescribed format. Compulsory indicators such as the project budget, actual project expenditure, number of job opportunities created, demographic characteristics of workers employed, minimum daily wage rate, number of person-days of employment created and number of training person-days, shall be included in said report, all as defined in the “Guidelines for the Implementation of Labour-Intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP)”

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

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

Item

**SECTION 1  
PRELIMINARIES  
COLLECTION**

PRELIMINARY COLLECTION			AMOUNT	
Item		Page	R	c
	SECTION A: PRINCIPAL BUILDING AGREEMENT			
	Interpretation			
A1.0	Definitions and interpretation	2		
A2.0	Law, regulations and notices	2		
A3.0	Offer and acceptance	2		
A4.0	Cession and assignment	2		
A5.0	Documents	2		
A6.0	Employer's agents	2		
A7.0	Design responsibility	3		
	Insurances and securities			
A8.0	Works risk	3		
A9.0	Indemnities	3		
A10.0	Insurances	3		
A11.0	Securities	3		
	Execution			
A12.0	Obligations of the parties	3		
A13.0	Setting out	4		
A14.0	Nominated subcontractors	4		
A15.0	Selected subcontractors	4		
A16.0	Direct contractors	4		
A17.0	Contract instructions	4		
	Completion			
A18.0	Interim completion	4	N/A	-
A19.0	Practical completion	4		
A20.0	Completion in sections	4		
A21.0	Defects liability period and final completion	4		
A22.0	Latent defects liability period	5		
A23.0	Revision of the date for practical completion	5		
A24.0	Penalty for late and non-completion	5		
	Payment			
A25.0	Payment	5		
A26.0	Adjustment of the contract value and final account	5		
A27.0	Recovery of expense and/or loss	5		
	Carried forward R			

**SECTION 1: PRELIMINARIES: COLLECTION**

Effective date: 20 July 2022

Item		Brought forward R	R	c
	<b>Suspension and termination</b>			
A28.0	Suspension by the contractor	5		
A29.0	Termination	5		
	<b>Dispute resolution</b>			
A30.0	Dispute resolution	5		
	<b>SECTION B: GENERAL PRELIMINARIES</b>			
B1.0	<b>Definitions and interpretation</b>			
B1.1	Definitions	6		
B1.2	Interpretation	6		
B2.0	<b>Documents</b>			
B2.1	Checking of documents	6		
B2.2	Provisional bills of quantities	6		
B2.3	Availability of construction information	6		
B2.4	Ordering of materials and goods	6		
B3.0	<b>Previous work and adjoining properties</b>			
B3.1	Previous work - dimensional accuracy	6		
B3.2	Previous work - defects	6		
B3.3	Inspection of adjoining properties	6		
B4.0	<b>The site</b>			
B4.1	Handover of site in stages	6		
B4.2	Enclosure of the works	6		
B4.3	Geotechnical and other investigations	6		
B4.4	Encroachments	6		
B4.5	Existing premises occupied	7		
B4.6	Services - known	7		
B5.0	<b>Management of contract</b>			
B5.1	Management of the works	7		
B5.2	Progress meetings	7		
B5.3	Technical meetings	7		
B6.0	<b>Samples, shop drawings and manufacturer's instructions</b>			
B6.1	Samples of materials	7		
B6.2	Workmanship samples	7		
B6.3	Shop drawings	7		
B6.4	Compliance with manufacturer's instructions	7		

## SECTION 1: PRELIMINARIES: COLLECTION

Effective date: 20 July 2022

Item			R	c
		Carried forward R		
		Brought forward R		
B7.0	<b>Deposits and fees</b>			
B7.1	Deposits and fees	7		
B8.0	<b>Temporary services</b>			
B8.1	Water	7		
B8.2	Electricity	7		
B8.3	Ablution and welfare facilities	7		
B8.4	Communication facilities	8		
B9.0	<b>Prime cost amounts</b>			
B9.1	Responsibility for prime cost amounts	8		
B10.0	<b>Attendance on subcontractors</b>			
B10.1	General attendance	8		
B10.2	Special attendance	8		
B11.0	<b>General</b>			
B11.1	Protection of the works	8		
B11.2	Protection/isolation of existing works and works occupied in sections	8		
B11.3	Security of the works	8		
B11.4	Notice before covering work	8		
B11.5	Disturbance	9		
B11.6	Environmental disturbance	9		
B11.7	Works cleaning and clearing	9		
B11.8	Vermin	9		
B11.9	Overhand work	9		
B11.10	Tenant installations	9		
B11.11	Advertising	9		
<b>SECTION C: SPECIFIC PRELIMINARIES</b>				
C1.0	Contract drawings	10		
C2.0	Preambles	10		
C3.0	Trade names	10		
C4.0	Imported materials and equipment	10		
C5.0	Viewing the site in security areas	11		
C6.0	Commencement of works in security areas	11		
C7.0	Entrance permits to security areas	11		
C8.0	Security check of personnel	11		
C9.0	Prohibition on taking of photographs	11		

#### SECTION 1: PRELIMINARIES: COLLECTION

Effective date: 20 July 2022

Version 2022/04

Item			R	c
		Carried forward R		
		Brought forward R		
C10.0	HIV/AIDS awareness			
C10.1	Awareness champion	12		
C10.2	Awareness workshops	12		
C10.3	Posters, booklets, videos, etc	12		
C10.4	Access to condoms	12		
C10.5	Monitoring	12		
C11.0	Occupational Health and Safety Act	13		
C12.0	Employment and Training of Youth Workers on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service (NYS)	13		
C13.0	Implementation of Labour-Intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP)	13		
<b>SECTION 1</b>				
<b>PRELIMINARIES</b>				
<b>CARRIED TO FINAL SUMMARY</b>			R	
		<b>SUBTOTALS:</b>	R	c
		Category: Fixed R		
		Category: Value R		
		Category: Time R		

## SECTION 1: PRELIMINARIES: COLLECTION

Effective date: 20 July 2022

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL NO. 1</u></b>				
<b><u>ALTERATIONS</u></b>				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<u>General</u>				
In taking down and removing existing work, the utmost care shall be observed to prevent any structural or other damage to remaining portions of the building, and the Contractor shall provide all shoring, needling, strutting, etc., to ensure the stability of all structures during alteration work.				
Special care shall be exercised during the progress of the work to ensure that any electrical installations, water supply pipes, telephone and other services which may be encountered are not interfered with and notice shall be given to the Representative/Agent if any disconnection or alteration become necessary				
The Contractor shall take all precautions necessary to prevent any nuisance from dust whilst carrying out the work				
<u>Disposal of debris, etc.</u>				
The Contractor shall be responsible for the removal from the site of all materials, debris and rubbish resulting from the alterations				
<u>Making good damaged work</u>				
The Contractor shall make good in all trades to existing work where damaged or disturbed through the alterations with all necessary new materials to match existing				
<u>Building up openings</u>				
Descriptions of building up existing openings where given in number shall be deemed to include preparing surfaces all round, brickwork or block work properly toothed and bonded to existing, wedging up and making good finishes on both sides as described				
<b>Carried to Collection</b>			R	
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				





<b><u>REMOVAL OF EXISTING WORK</u></b>					
<u>Remove old materials from site (Previously taken out and stored on site / stock piles)</u>					
1	Mass stonework	m <sup>3</sup>	28		
2	Flagstone paving (stock piles)	m <sup>2</sup>	330		
3	Tongue and groove timber floor coverings	m <sup>2</sup>	45		
4	Tongue and groove timber ceilings	m <sup>2</sup>	89		
5	Sheet metal rainwater pipes and gutters	m	312		
6	Porcelain bath complete with brickwork, piping, taps and fittings	No	1		
7	Porcelain semi-recessed urinal approximately size 530 x 320 x 1140mm high	No	1		
8	Fibre cement double bowl wash trough	No	2		
9	Timber kitchen sink unit overall size 1380 x 540 x 890mm high complete including sink, piping, taps and fittings	No	1		
<u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement</u>					
10	Surface beds, steps and plinths	m <sup>3</sup>	2		
11	170mm Diameter concrete columns x 1389mm high in veranda	No	4		
<u>Breaking up and removing unreinforced concrete</u>					
12	Twice weathered concrete coping approximately 500mm wide x 100mm high on walls	m	23		
<u>Breaking down and removing brickwork, etc.</u>					
13	Half brick walls	m <sup>2</sup>	10		
14	One brick walls	m <sup>2</sup>	19		
15	One and a half brick wall	m <sup>2</sup>	83		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

16	220mm Wide header / soldier coarse brickwork, one coarse high, to allow for new window sill to existing ash brick walls	m	7		
	<u>Breaking down and removing stonework</u>				
17	500mm Slate stone wall	m <sup>2</sup>	3		
	<u>Taking out and removing doors, windows, etc. from walls to be demolished</u>				
18	Glazed steel window not exceeding 2,5m <sup>2</sup>	No	7		
	<u>Carefully taking out windows and doors from walls to be demolished and set aside for re-use</u>				
19	Steel door frame not exceeding 2,5m <sup>2</sup>	No	1		
20	Single timber tongue and groove door size 1145 x 2060mm high and set aside for re-use, modify as detailed on the door schedules (GDD) and later fix to new steel gate (hinges and steel gate elsewhere measured)	No	1		
21	Glazed steel window not exceeding 2,5m <sup>2</sup>	No	2		
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc (building up openings and making good finishes elsewhere)</u>				
22	Glazed steel window not exceeding 2,5m <sup>2</sup>	No	1		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u>				
23	Mono pitched roof construction of timber trusses and purlins exceeding 600mm and not exceeding 1200mm high complete including wall plate and roof ties (measured flat on plan) (roof coverings elsewhere measured)	m <sup>2</sup>	167		
24	Corrugated sheet metal roof coverings to timber purlins	m <sup>2</sup>	77		
25	100mm Drywall timber framed structure (cladding elsewhere measured)	m <sup>2</sup>	182		
26	Corrugated sheet metal cladding to timber structure in drywalls	m <sup>2</sup>	182		
Carried to Collection				R	
Section No. 2 Building works Bill No. 1 Alterations Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					

	<u>Carefully take out sundry metalwork and repair finishes</u>				
27	Mild steel burglar screens	m <sup>2</sup>	14		
28	50mm Diameter steel pipe boiler stand approximately size 600mm wide x 550mm deep x 1500mm high fixed to wall and floor	No	2		
29	Mild steel burglar bars to steel windows not exceeding 2,5m <sup>2</sup>	No	13		
	<u>Carefully take out sundry metalwork and set aside for re-use and later install to steel door frame</u>				
30	Mild steel swing gate size 900 x 2000mm high	No	2		
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc. from concrete, brickwork or stonework and preparing surfaces for new screeds, plaster, etc.</u>				
31	25mm Thick plaster screed from floors	m <sup>2</sup>	43		
32	25mm Granolithic screed from floors	m <sup>2</sup>	217		
33	Plaster from brick walls	m <sup>2</sup>	153		
34	Plaster from stone walls	m <sup>2</sup>	103		
35	Cement sand bag wash finish to stone walls	m <sup>2</sup>	379		
	<u>Taking out and removing glass and mirrors</u>				
36	Glass from steel windows or doors including cleaning out rebates and preparing for new glass	m <sup>2</sup>	8		
	<b><u>REMOVAL OF ASBESTOS BY SPECIALIST CONTRACTOR</u></b>				
37	Allow for the appointment of an Approved Inspection Authority (AIA) registered with the Department of Labour to facilitate the removal, handling and safe disposal of asbestos products removed from the building all in accordance with the Occupational Health and Safety Act, 1933 (Act 85 of 1993) and the Asbestos Regulations, 2001 as well as the Environmental Conservation Act, 1989 (Act 73 of 1989)		Item		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

38	<p>Allow for the appointment of a Registered Asbestos Contractor registered with the Department of Labour to facilitate the removal, handling and safe disposal of asbestos products removed from the building all in accordance with the Occupational Health and Safety Act, 1933 (Act 85 of 1993) and the Asbestos regulations, 2001 as well as the Environmental Conservation Act, 1989 (Act 73 of 1989)</p> <p><u>Allow for the removal of the following asbestos materials:</u></p>		Item		
39	<p>Damaged asbestos fascia or barge boards including timber bearer</p> <p><u>Allow for the disposal of the following asbestos material (elsewhere removed):</u></p>	m	38		
40	<p>Damaged asbestos fascia or barge boards including timber bearer</p> <p><b><u>CUTTING THROUGH FLOORS AND CEILINGS</u></b></p> <p><u>Cutting through for new foundations</u></p>	m	38		
41	<p>460mm Wide through 100mm surface bed to allow new foundation through and repair after building of 230mm wide foundation wall including filling well compacted to 95% MOD AASHTO density in 100mm layers</p>	m	79		
42	<p>500mm Wide through 100mm surface bed to allow new foundation through and repair after building of 110mm wide foundation wall including filling well compacted to 95% MOD AASHTO density in 100mm layers</p>	m	32		
43	<p>700mm Wide through 100mm surface bed to allow new foundation through and repair after building of 230mm wide foundation wall including filling well compacted to 95% MOD AASHTO density in 100mm layers</p> <p><u>Cutting through for new pipes</u></p>	m	7		
44	<p>Hack up 80mm precast concrete paving to allow new 110mm diameter pipe through, set aside and later re-use to repair after installations of new pipe including filling well compacted to 95% MOD AASHTO density in 100mm layers</p>	m	25		
Carried to Collection					R
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

45	Through 100mm surface bed to allow new 110mm diameter pipe through and repair after installations of new pipe including filling well compacted to 95% MOD AASHTO density in 100mm layers	m	15		
46	Through 100mm surface bed to allow new 160mm diameter pipe through and repair after installations of new pipe including filling well compacted to 95% MOD AASHTO density in 100mm layers	m	3		
<b><u>BUILDING UP OPENINGS</u></b>					
<u>Brickwork in NFP quality clay bricks in cement mortar</u>					
47	One brick wall	m <sup>2</sup>	1		
48	One and a half brick wall	m <sup>2</sup>	3		
<u>Sundries</u>					
49	Cutting toothings and bonding new brickwork to existing	m <sup>2</sup>	4		
<b><u>REPAIR OF STRUCTURAL CRACKS</u></b>					
<u>Repairs of structural cracks in strict accordance with the engineers specifications as detailed on page S1 - S3</u>					
50	Clean out and repair structural cracks in plastered brick walls	m	20		
51	Clean out and repair structural cracks in plastered stone (slate) walls	m	20		
52	Clean out cracks in concrete floor, wet thoroughly and fill with 3:1 cement mortar well caulked	m	25		
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>					
53	Clean and disinfect existing granolithic floor with a brush and high pressure water steam of all rubbish, oil, grease, paint, etc.	m <sup>2</sup>	10		
54	Prepare existing granolithic floors to receive new floor tiles	m <sup>2</sup>	40		
55	Prepare existing plaster and painted walls to receive tiling	m <sup>2</sup>	24		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

<b><u>MAKING GOOD OF FINISHES, ETC.</u></b>					
<u>Making good cement screeds</u>					
56	25mm Thick on floors in patches	m <sup>2</sup>	50		
<u>Making good bagging or cement wash of 1:3 cement and sand mixture to existing stone walls</u>					
57	On stone walls, piers, etc in patches	m <sup>2</sup>	100		
<u>Making good internal cement plaster</u>					
58	On internal walls in patches	m <sup>2</sup>	17		
59	Repair plaster at chase in brickwork or stonework for conduit	m	186		
<u>Making good external cement plaster</u>					
60	On external walls in patches	m <sup>2</sup>	29		
<u>Prepare and paint plaster primer</u>					
61	On walls in patches	m <sup>2</sup>	146		
<b><u>OPENINGS THROUGH EXISTING WALLS, ETC.</u></b>					
<b><u>ASH BRICK WALLS</u></b>					
<u>Alter openings in existing brick walls for and build in new window or door frame (elsewhere measured) including repairs to threshold in doors and lintels (repairs to plaster and paint finishes elsewhere measured)</u>					
62	Alter existing opening size 813 x 2032mm high and modify opening for new door size 1300 x 2100mm high in one and a half brick wall	No	1		
<u>Breaking out for and forming openings in existing brick walls for and build in new window or door frame (elsewhere measured) including repairs to threshold in doors and lintels (repairs to plaster and paint finishes elsewhere measured)</u>					
63	For steel window W7 size 1022 x 949mm high in one and a half brick wall	No	1		
<b>Carried to Collection</b>				R	
Section No. 2					
Building works					
Bill No. 1					
Alterations					
<b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

	Take out and remove doors or windows and modify opening in brick walls for and build in new window or door frame (elsewhere measured) including repairs to threshold in doors and lintels (repairs to plaster and paint finishes elsewhere measured)				
64	Take out steel window size 1022 x 949mm high and modify opening for new steel window W7 size 1022 x 949mm high in one and a half brick wall	No	1		
	<b><u>STONE WALLS</u></b>				
	Alter existing openings in stone walls for and build in new window or door frame (elsewhere measured) including repairs to thresholds in doors (repairs to plaster and paint elsewhere measured) and propping up walls in both directions at maximum 1000mm c/c before breaking out opening for new window or door and new concrete lintel (concrete, formwork and reinforcement in new concrete lintels elsewhere measured). Tenderers shall allow for propping up wall and altering openings strictly in accordance with the engineers instructions as described and detailed on page S4 - S5				
65	Alter opening size 1022 x 949mm high and modify opening for new steel window W2 size 1511 x 1245mm high in 500mm stone wall	No	1		
66	Alter opening size 1022 x 949mm high and modify opening for new aluminium window W1b size 3000 x 1200mm high in 500mm stone wall	No	1		
67	Alter opening size 1511 x 654mm high and modify opening for new aluminium window W5 size 2400 x 900mm high in 500mm stone wall	No	1		
68	Alter opening size 1511 x 1245mm high and modify opening for new aluminium window W6a size 2400 x 1800mm high in 500mm stone wall	No	1		
69	Alter opening size 1511 x 1245mm high and modify opening for new aluminium window W6b size 3000 x 1800mm high in 500mm stone wall	No	1		
70	Alter opening size 800 x 2582mm high and modify opening for new steel door frame size 813 x 2032mm high in 400mm stone wall	No	1		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				



71	Alter opening size 900 x 200mm high and modify opening for steel door frame size 914 x 2032mm high in 500mm stone wall	No	1		
72	Alter opening size 1000 x 2125mm high and modify opening for new steel door frame size 1300 x 2100mm high in 400mm stone wall	No	1		
	<u>Breaking out for and forming openings in existing stone walls for and build in new window or door frame (window or door frames elsewhere measured) and repairs to thresholds in doors (repairs to plaster and paint elsewhere measured) and propping up walls in both directions at maximum 1000mm c/c before breaking out opening for new window or door and new concrete lintel (concrete, formwork and reinforcement in new concrete lintels elsewhere measured). Tenderers shall allow for propping up wall and altering openings strictly in accordance with the engineers instructions as described and detailed on page S4 - S5</u>				
73	For aluminium window W1c size 2400 x 1200mm high in 400mm stone wall	No	2		
74	Modify existing opening size 945 x 2451mm high for new steel framed double door (GDD) overall size 3988 x 2350mm high in 500mm stone wall	No	1		
	<u>Take out and remove doors or windows and modify opening in stone walls for and build in new window or door frame (elsewhere measured) and repairs to thresholds in doors (repairs to plaster and paint elsewhere measured) and propping up walls in both directions at maximum 1000mm c/c before breaking out opening for new window or door and new concrete lintel (concrete, formwork and reinforcement in new concrete lintels elsewhere measured). Tenderers shall allow for propping up wall and altering openings strictly in accordance with the engineers instructions as described and detailed on page S4 - S5</u>				
75	Take out steel window size 1022 x 949mm high and modify opening for new steel window W2 size 1511 x 1245mm high in 400mm stone wall	No	1		
76	Take out steel window size 1022 x 949mm high and modify opening for new steel window W2 size 1511 x 1245mm high in 500mm stone wall	No	1		
Carried to Collection				R	
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

77	Take out steel door frame for door size 813 x 2032mm high and modify opening for steel door frame size 914 x 2032mm high in 400mm stone wall	No	1		
78	Take out combination steel door and frame size 813 x 2032mm and alter opening for new steel door frame size 813 x 2032mm high	No	1		
79	Take out timber door frame size 850 x 2032mm high and modify opening for new steel door frame (D3) for door size 813 x 2032mm high in 500mm stone wall	No	2		
80	Take out timber door frame with fanlight overall size 850 x 2585mm high and modify and building up opening for new aluminium door (ADD) size 1500 x 2100mm high in 500mm stone wall	No	1		
<b><u>SUNDRIES</u></b>					
<u>Carefully inspect, service and repair existing windows</u>					
81	Carefully remove damaged putty to steel windows, prepare window frame for new putty and replace damaged putty	m	10		
82	Check existing opening section of steel window, adjust for smooth opening and closing	No	14		
83	Remove and replace chromium plated casement peg stay at steel window	No	3		
84	Remove and replace chromium plated casement fastener at steel window	No	11		
85	Remove and replace chromium plated casement sliding stay at steel window	No	11		
<u>Carefully inspect, service and repair existing gates</u>					
86	Check existing single swing steel gate and adjust for smooth opening and closing	No	2		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 1 Alterations <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					



<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL NO 2</u></b>				
<b><u>EARTHWORKS</u></b>				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<u>Nature of materials to be excavated</u>				
The tenderer shall acquaint himself with the nature of the materials to be excavated				
<u>Subterranean water</u>				
No information regarding subterranean water is available. The tenderer shall acquaint himself of the presence and depth of subterranean water and allow therefore in his rates				
<u>Carting away of excavated material</u>				
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
<u>Filling and layer work materials</u>				
References such as "G1", "G2", etc and "C1", "C2", etc in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter				
<u>Testing</u>				
<i>Prices for filling are to include for all necessary density and other tests</i>				
<b>Carried to Collection</b>				
Section No. 2 Building works Bill No. 2 Earthworks <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				R

	<b><u>SITE CLEARANCE, ETC.</u></b>				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m <sup>2</sup>	163		
	<b><u>EXCAVATION, FILLING, ETC.</u></b>				
	<b><u>EXCAVATIONS, ETC.</u></b>				
	<u>Excavation in earth not exceeding 2m deep</u>				
2	Surface trenches	m <sup>3</sup>	55		
3	Reduce levels under floors	m <sup>3</sup>	23		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
4	Soft rock	m <sup>3</sup>	37		
5	Hard rock	m <sup>3</sup>	25		
	<u>Extra over trench and hole excavations in earth for breaking up and removing</u>				
6	Brickwork	m <sup>3</sup>	14		
7	Unreinforced concrete	m <sup>3</sup>	2		
8	Reinforced concrete	m <sup>3</sup>	13		
	<u>Extra over all excavations for carting away</u>				
9	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m <sup>3</sup>	54		
	<u>Risk of collapse of excavations</u>				
10	Sides of excavations not exceeding 1,5m deep	m <sup>2</sup>	174		
	<u>Keeping excavations free of water</u>				
11	Keeping excavations free of all water other than subterranean water		Item		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 2 Earthworks <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

FILLING, ETC.					
	Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density				
12	Backfilling to trenches, holes, etc.	m³	24		
	Earth filling (G5) supplied by the Contractor				
13	Under floors and compacted to 95% Mod AASHTO density	m³	21		
	Compaction of surfaces				
14	Compaction of ground surface under floors, etc., including scarifying for a depth of 150mm, breaking down oversize material and compacting to 93% Mod AASHTO density	m²	136		
<b>WEED KILLERS, INSECTICIDES, ETC</b>					
	Soil insecticide in accordance with SANS 5859				
15	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m²	136		
16	To bottoms and sides of trenches, etc.	m²	253		
<b>TESTS</b>					
	Prescribed density tests on filling				
17	"Modified AASHTO Density" test	No	15		
Carried to Collection				R	
Section No. 2 Building works Bill No. 2 Earthworks <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					



<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL NO 3</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the principal agent. (Test cubes are measured separately)</p> <p><u>Formwork</u></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p> <p>Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p> <p>Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described</p>				
	<p style="text-align: right;"><b>Carried to Collection</b></p>			R	
	<p>Section No. 2 Building works Bill No. 3 Concrete, formwork and reinforcement <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>				



	Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"				
	<b><u>CONCRETE</u></b>				
	<b><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>				
	<u>20MPa Concrete</u>				
1	Wall footings	m <sup>3</sup>	20		
	<u>30MPa Concrete</u>				
2	Surface beds cast in panels on waterproofing	m <sup>3</sup>	14		
	<b><u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u></b>				
	<u>25MPa Concrete</u>				
3	Walls	m <sup>3</sup>	3		
	<u>30MPa Concrete</u>				
4	Steps and ramps	m <sup>3</sup>	0.4		
5	Slabs and beams	m <sup>3</sup>	3		
6	Lintels	m <sup>3</sup>	7		
	<b><u>TEST CUBES</u></b>				
7	Making and testing 150 x 150 x 150mm concrete strength test cube	No	36		
	<b><u>MOVEMENT JOINTS, ETC.</u></b>				
	<u>Two layers of minimum 2mm thick galvanised steel sheet with lubricant (Molub alloy 777.2NG or similar approved) in slip joints between horizontal concrete and brick surfaces including hard cement mortar bed</u>				
8	Exceeding 300mm wide	m <sup>2</sup>	6		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 3 Concrete, formwork and reinforcement <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

	<u>Expansion joints with bitumen impregnated soft board</u>				
9	12mm Joints not exceeding 300mm high between wall and floor	m	120		
	<u>Vertical construction joints through concrete including thick cement slurry to one face</u>				
10	Construction joint CJ1 in surface beds not exceeding 300mm thick as detailed on drawing S6	m	18		
11	Construction joint CJ2 in surface beds not exceeding 300mm thick as detailed on drawing S6	m	7		
	<u>Polysulphide sealant</u>				
12	Scratch out softboard and apply an approved polyethylene joint sealant to 12mm expansion joints strictly in accordance with the manufacturers recommendations	m	120		
	<b><u>ROUGH FORMWORK</u></b>				
	<u>Rough formwork to sides</u>				
13	Walls	m <sup>2</sup>	24		
14	Steps	m <sup>2</sup>	1		
15	Sides of slabs not exceeding 300mm high	m <sup>2</sup>	3		
16	Formwork to sides, edges, etc. not exceeding 300mm high	m	10		
	<u>Rough formwork to sides and soffits</u>				
17	Lintels	m <sup>2</sup>	47		
	<u>Rough formwork to form</u>				
18	Opening size 880 x 1930mm high through 230mm wall for strong room door	No	1		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 3 Concrete, formwork and reinforcement <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

	<b><u>PERMANENT FORMWORK</u></b>				
	<u>1mm Bond-lok or similar approved galvanised steel permanent composite decking system with unique side lap inter-locking system and soffits that forms the finished ceiling without the need for plaster complete including temporary supports and in strict accordance with the manufacturers recommendations</u>				
19	Decking for slabs with ends laid on brick walls	m <sup>2</sup>	15		
	<b><u>REINFORCEMENT</u></b>				
	<u>Mild steel reinforcement to structural concrete work</u>				
20	8mm Diameter bars in strip foundations and column bases	tonne	0.13		
21	8mm Diameter bars in lintels	tonne	0.10		
22	10mm Diameter bars in lintels	tonne	0.02		
	<u>High tensile steel reinforcement to structural concrete work</u>				
23	12mm Diameter bars in strip foundations and column bases	tonne	0.48		
24	12mm Diameter bars in concrete slabs and beams	tonne	0.08		
25	12mm Diameter bars in lintels	tonne	0.07		
26	16mm Diameter bars in lintels	tonne	0.17		
27	20mm Diameter bars in lintels	tonne	0.09		
28	25mm Diameter bars in lintels	tonne	0.05		
	<u>Fabric reinforcement</u>				
29	Type 193 fabric reinforcement in surface beds	m <sup>2</sup>	137		
30	Type 395 fabric reinforcement in roof slabs	m <sup>2</sup>	15		
31	Type 395 fabric reinforcement in walls	m <sup>2</sup>	24		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 3 Concrete, formwork and reinforcement <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

	<p>Section No. 2</p> <p>Bill No. 3</p> <p>Concrete, formwork and reinforcement</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>49</p> <p>50</p> <p>51</p> <p>52</p>		<p><b><u>Amount</u></b></p>
	<p><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 3</p> <p>Concrete, formwork and reinforcement</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	

Item No	Unit	Quantity	Rate	Amount
<b>BILL NO 4</b>				
<b><u>PRECAST CONCRETE</u></b>				
<u>Sizes</u>				
Blocks, sills, etc measured linear shall be made in suitable lengths. Large size setting out drawings shall be prepared where necessary and submitted to the principal agent for approval before moulds are made				
<u>General</u>				
Where kerb stones, blocks, etc are laid in ground descriptions shall be deemed to include necessary excavation, filling in and ramming				
<b><u>PRECAST CONCRETE WINDOW SILLS</u></b>				
<u>General</u>				
Window surrounds are to be checked at delivery for squareness. Surrounds out of square will be rejected				
Prices are to include for building into brick walls as single units or combinations of two or more units and for bedding solid all round in mortar and pointing on both sides with square recessed joints				
<b><u>Note:</u></b> Aluminium infill windows, glazing and pointing with sealing compound measured elsewhere				
<u>Precast concrete window sills approximately size 325mm wide x 140mm high sloping to 100mm high, set sloping and slightly projecting and finished smooth on exposed surfaces, including bedding, jointing and pointing to match existing as detailed on page S7</u>				
1	For window x 1022mm wide	No	4	
2	For window x 1511mm wide	No	7	
3	For window x 2400mm wide	No	4	
4	For window x 3000mm wide	No	2	
<b>Carried to Collection</b>				R
Section No. 2 Building works Bill No. 4 Precast concrete <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

**PRECAST COPINGS**

Precast copings finished smooth on exposed surfaces including bedding, jointing and pointing

5	230 x 80 x 50mm Twice weathered coping	m	4
6	500 x 125 x 50mm Twice weathered coping	m	5

**Carried to Collection**

R

Section No. 2  
Building works  
Bill No. 4  
Precast concrete

**Griekwastad: Rehabilitation of Old SAPS Canteen to Offices**







3	One and a half brick wall	m <sup>2</sup>	1		
	<u>Brickwork reinforcement</u>				
4	75mm Wide reinforcement built in horizontally in foundations	m	171		
5	150mm Wide reinforcement built in horizontally in foundations	m	468		
	<b><u>SUPERSTRUCTURE</u></b>				
	<u>Brickwork in NFP bricks in class II mortar</u>				
6	Half brick wall	m <sup>2</sup>	92		
7	Half brick wall in beam filling	m <sup>2</sup>	25		
8	One brick wall	m <sup>2</sup>	538		
9	One brick wall in beamfilling	m <sup>2</sup>	39		
10	Two brick wall	m <sup>2</sup>	27		
	<u>Brick-on-edge header course sills and lintels</u>				
11	170mm Wide sill set sloping and slightly projecting	m	40		
	<u>Brickwork reinforcement</u>				
12	75mm Wide reinforcement built in horizontally	m	344		
13	150mm Wide reinforcement built in horizontally	m	1 895		
	<b><u>SUNDRIES</u></b>				
	<u>Prestressed fabricated lintels with 4 off 4.2mm Ø wires per 110mm lintel or similar approved</u>				
14	75 x 110mm Wide lintel in lengths not exceeding 3m	m	59		
15	75 x 110mm Wide lintel in lengths exceeding 3m and not exceeding 4,5m	m	8		
	<u>Joint forming material in movement joints</u>				
16	12mm Bitumen impregnated soft board built in vertically between brick skins not exceeding 300mm wide	m <sup>2</sup>	19		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 5 Masonry <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				



	<p>Section No. 2</p> <p>Bill No. 5</p> <p>Masonry</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>57</p> <p>58</p> <p>59</p>		<p><b><u>Amount</u></b></p>
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 5</p> <p>Masonry</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 6</u></b>				
	<b><u>WATERPROOFING</u></b>				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<u>Waterproofing</u>				
	Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets, etc. with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs				
	<b><u>DAMP PROOFING OF WALLS AND FLOORS</u></b>				
	<u>One layer of 375 micron type B embossed damp proof course in accordance with SABS No. 952</u>				
1	Under sills	m <sup>2</sup>	13		
2	On walls	m <sup>2</sup>	25		
	<u>Colour coded polyethylene sheeting complying with SABS 952, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions</u>				
3	250 Micron green sheeting under surface beds	m <sup>2</sup>	148		
	<u>Prepare and apply Sikagard 905W resin or similar approved waterproof agent strictly in accordance with the manufacturers specifications</u>				
4	On walls	m <sup>2</sup>	758		
	<b><u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC.</u></b>				
	<u>White bathroom type silicone sealant</u>				
5	In gap between sanitary fitting or kitchen unit and wall/wall tiles	m	13		
	<b>Carried Forward to Summary of Section No. 2</b>			R	
	Section No. 2				
	Building works				
	Bill No. 6				
	Waterproofing				
	<b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL NO 7</u></b></p> <p><b><u>ROOF COVERINGS, CLADDINGS, ETC.</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Certificate for galvanised roof covering</u></p> <p><u>Thickness</u></p> <p>The contractor shall submit a certificate signed by the merchant, stating that the galvanised roof covering specified complies with the required thickness specified.</p> <p><u>Galvanizing</u></p> <p>All galvanised steel have a 275 spelter zinc covering</p> <p><u>Guarantee</u></p> <p>The roof covering shall be guaranteed for a period of 5 years by the manufacturer of the sheeting. The contractor shall hand the guarantee to the Principal Agent</p> <p><u>Specifications</u></p> <p>For full descriptions of items, tenderers are referred to PW 371-A Edition 2.0 "Construction Works: Specification General Specification" available from the web site "<a href="http://www.publicworks.gov.za/consultantsguidelines.html">http://www.publicworks.gov.za/consultantsguidelines.html</a>" as well and PW 371-B Edition 2.0 "Construction Works: Specification: Particular Specification" included with "Scope of Works" at the back of this tender document</p> <p><u>Erection of roof covering</u></p> <p>Roof coverings shall be erected strictly in accordance with the manufacturer's specification</p>				
	<p style="text-align: right;"><b>Carried to Collection</b></p>			R	
	<p>Section No. 2 Building works Bill No. 7 Roof coverings <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>				

<b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b>					
<u>0.58mm Corrugated Z275 spelter embossed galvanised troughed sheet steel with "Chromadek" finish on one side in single lengths fixed to timber/steel purlins or rails</u>					
1	Roof covering with pitches not exceeding 25 degrees	m <sup>2</sup>	783		
<b><u>SHEET METAL FLASHINGS, LININGS, COPINGS, ETC.</u></b>					
<b><u>ROOFS</u></b>					
<u>0.8mm Z275 spelter galvanised steel sheet accessories with "Chromadek" finish on one side to preceding roof covering</u>					
2	Valley gutters (inverted roll-top ridge capping) 550mm girth	m	9		
3	550mm Girth apex flashing three times bent and notched to suit roof sheeting	m	44		
4	Standard type ridge or hip cappings 550mm girth, including dressing edges into corrugations of roof covering	m	118		
5	Rolled edge at verges	m	46		
6	Head wall flashings 375mm girth	m	23		
7	Side wall flashings 408mm girth	m	16		
8	Cover flashings 185mm girth	m	39		
<u>Sundries</u>					
9	Seal bottom of roof sheeting at eaves with approved flexible sealant foam neatly trimmed when dry	m	254		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 7 Roof coverings <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

<p>Section No. 2</p> <p>Bill No. 7</p> <p>Roof coverings</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>62</p> <p>63</p>		<p><b><u>Amount</u></b></p>
<p><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 7</p> <p>Roof coverings</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><b><u>BILL NO 8</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Particle board</u></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc.</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt or plug holes</p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere</p> <p><u>Decorative laminate finish</u></p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><u>Treatment of timber</u></p> <p>Timber shall be treated in accordance with clause 8.1 of PW 371 and tenderers to allow in their rates accordingly</p>				
	Carried to Collection			R	
	<p>Section No. 2</p> <p>Building works</p> <p>Bill No. 8</p> <p>Carpentry and Joinery</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>				



Hardwood

Unless otherwise specified all hardwood shall be Meranti

### Hardwood doors

Framed, ledged and braced batten doors and double doors shall be CKS type doors constructed as described in item 8.33 of PW 371. Top rails and stiles shall be 44 x 114mm, middle ledges and braces shall 22 x 114mm and bottom ledges shall be 22 x 220mm. Doors shall be filled in on one side with 22mm V-jointed one side boarding and unless otherwise described, have open backs.

Panel doors shall be constructed as described in item 8.33 of PW 371.

ROOFS, ETC.

PLATE NAILED TIMBER ROOF TRUSS  
CONSTRUCTION, ETC.

## SUPPLEMENTARY PREAMBLES

The design of the trusses, purlins and bracing shall be according to the specifications and design by a structural engineer according to SANS 0243 and be pre-fabricated by an approved specialist firm who must have a valid certificate of competence of the Institute of Timber Construction under cover of a written guarantee. A certificate after erection must be supplied, signed by the engineer who designed the structure stating that the work was according to SANS 0243.

The following is applicable in respect of roof trusses:

Carried to Collection

R

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Carpentry and Joinery  
**Griekwastad: Rehabilitation of Old SAPS Canteen to Offices**

	<p>The pitches of all roofs are shown on plan and not exceeding 25° degrees (7,5° or 23°)  Maximum rafter spacing is 1200mm  Maximum purlin spacing is 900mm  All exposed timber shall be planed</p> <p>Roof covering is 0,58mm Corrugated sheet metal roof sheeting on 50 x 75mm purlins.</p> <p>Ceilings are generally 12mm suspended ceiling and gypsum board or fibre cement nailed-up ceilings.</p> <p>The design of the roof construction shall allow for additional weight caused by water pipes, gas pipes, air conditioning ducts, electrical conduits, solar geysers, etc. installed in the roof cavity or on the roof sheeting.</p> <p>Prices for roof construction shall allow for:</p> <ol style="list-style-type: none"> <li>1. Trusses</li> <li>2. Purlins</li> <li>3. Valley purlins</li> <li>4. Splayed purlins at eaves</li> <li>5. Roof ties</li> <li>6. Hurricane clips at eaves</li> <li>7. Wood preservative on rafters, where rafters pass through beam filling.</li> </ol> <p>Dimensions in descriptions of trusses are nominal and actual measurements are to be obtained from the architect/engineer and/or taken on site before design or fabrication commences</p> <p>Note: Tenderers are referred to roof plans, sections and elevations as detailed on page S10 - S19</p> <p><u>Sawn South African pine</u></p>					
1	38 x 114mm Wall plate including wood preservative	m	254			
2	Roof construction complete to block 1 with double pitched roof x approximately 2000mm high and overall size 9530 x 13880mm on plan with five hipped ends and one valley	No	1			
3	Roof construction complete to block 1/1 with mono pitched roof x approximately 450mm high and overall size 4910 x 3785mm on plan with two gable ends	No	1			
<b>Carried to Collection</b>						R
Section No. 2 Building works Bill No. 8 Carpentry and Joinery <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>						

4	Roof construction complete to block 2 and block 3 with double pitched roof x approximately 1380mm and 850mm high and overall size 5920 x 22250mm and 3284 x 12100mm L-shaped on plan with five hipped ends and one valley	No	1		
5	Roof construction complete to block 4 and 4/1 with mono pitched roof x approximately 1200mm high and overall size 22656 x 5455mm and 2580 x 5060mm L-shaped on plan with four gable ends	No	1		
6	Roof construction complete to block 4/2 with mono-pitched roof x approximately 804mm high and overall size 3060 x 6260mm on plan with two gable ends	No	1		
7	Roof construction complete to block 5 with double pitched roof x approximately 1230mm high and overall size 9890 x 5490mm on plan with four hipped ends	No	1		
8	Roof construction complete to block 6 with mono-pitched roof x approximately 900mm high overall size 5163 x 7140mm and 2537 x 3280mm L-shaped on plan with four gable ends	No	1		
9	Roof construction complete to block 6/1 with mono-pitched roof x approximately 515mm high and overall size 10829 x 3640mm on plan with two gable ends	No	1		
10	Allow for supervision on site and certificate of confirmation by the design engineer for all roof constructions			Item	
<b><u>EAVES, VERGES, ETC.</u></b>					
<u>Pressed fibre cement</u>					
11	15 x 225mm Fibre cement fascias and barge boards including galvanised steel H-profile jointing strips	m	270		
<u>Sawn South African pine</u>					
12	50 x 75mm Barge board bearer	m	46		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 8 Carpentry and Joinery <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

[illegible]



	The following cupboards comprising 16mm melamine board purpose made shelving and cupboard drawers with white finish inside and oak veneer finish on outside with 12 x 200mm solid stainless steel handles and bars, mild steel brass plated 76mm 4-lever cupboard locks and 102 x 76mm stainless steel high performance ball bearing butt hinges suitable for severe duty and 32mm post-formed worktops as by Formica or similar approved.				
28	Kitchen floor cupboard overall size 1190mm long x 600mm deep x 900mm high with two double doors complete as detailed on page S20 - S22	No	1		
29	Kitchen floor cupboard overall size 2776mm long x 600mm deep x 900mm high with two double doors, one single door and five drawers complete as detailed on page S20 - S22	No	1		
30	Kitchen floor cupboard with inlet for single bowl sink (sink elsewhere) overall size 2335mm long x 600mm deep x 900mm high with three double doors complete as detailed on page S20 - S22	No	1		
31	Kitchen floor cupboard with inlet for single bowl sink (sink elsewhere measured) overall size 1200mm long on plan x 600mm deep x 900mm high with one double doors complete as detailed on page S23 - S24	No	1		
32	Kitchen floor cupboard overall size 1253mm long on plan x 600mm deep x 900mm high with one single doors and one double door complete as detailed on page S23 - S24	No	1		
33	Kitchen wall cupboard overall size 1250mm long x 320mm deep x 600mm high with one double door complete as detailed on page S20 - S22	No	1		
34	Kitchen wall cupboard overall size 1611mm long x 320mm deep x 600mm high with two double doors complete as detailed on page S20 - S22	No	1		
<b>Carried to Collection</b>					R
Section No. 2 Building works Bill No. 8 Carpentry and Joinery <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

	<p>Section No. 2</p> <p>Bill No. 8</p> <p>Carpentry and Joinery</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>65</p> <p>66</p> <p>67</p> <p>68</p> <p>69</p> <p>70</p> <p>71</p>		<p><b><u>Amount</u></b></p>
	<p><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 8</p> <p>Carpentry and Joinery</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b><u>BILL NO 9</u></b>				
<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b>				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<u>Specifications</u>				
For full descriptions of items, tenderers are referred to PW 371-A Edition 2.0 "Construction Works: Specification General Specification" available from the website " <a href="http://www.publicworks.gov.za/consultantguidelines.html">http://www.publicworks.gov.za/consultantguidelines.html</a> " as well and PW 371-B Edition 2.0 "Construction Works: Specification: Particular Specification" included with "Scope of Works" at the back of this tender document				
<u>Descriptions</u>				
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete				
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere				
<u>Ceilings</u>				
Unless otherwise described ceilings shall be deemed to be horizontal				
<u>Bulkheads</u>				
Unless otherwise described bulkheads shall be deemed to be horizontal along the length				
<u>Steel components</u>				
All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121				
<b>Carried to Collection</b>			R	
Section No. 2 Building works Bill No. 9 Ceilings, Partitions and Access Flooring <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				



<b><u>CEILINGS</u></b>					
<b><u>NAILED UP CEILINGS</u></b>					
<u>6.4mm Gypsum plasterboard with pre-primed H-profile galvanised steel jointing strips</u>					
1	Ceiling including 38 x 38mm sawn SA Pine bandering at 400mm centres in one direction only	m²	28		
2	Extra over ceiling for 600 x 600mm hinged trap door of 75 x 75mm wrought softwood rebated framing with one cross brander, covered with ceiling board and fitted flush in opening, including necessary trimmers around	No	5		
<u>6mm Fibre-cement plain ceiling boards with pre-primed H-profile galvanised steel jointing strips</u>					
3	Ceilings including 38 x 50mm sawn softwood bandering at 300mm centres and across at joints	m²	85		
4	Extra over ceiling for 600 x 600mm hinged trap door of 75 x 75mm wrought softwood rebated framing with one cross brander, covered with ceiling board and fitted flush in opening, including necessary trimmers around	No	5		
<u>Cornices, etc.</u>					
5	75mm Gypsum coved cornice	m	163		
<u>Thermal insulation</u>					
6	135mm Fibreglass thermal roof insulation laid on top of nailed-up ceilings between timber battens and roof or other approved (R. Value 3.38K/W)	m²	112		
<b><u>SUSPENDED CEILING</u></b>					
<b><u>SUPPLEMENTARY PREAMBLES</u></b>					
<u>Proprietary suspended ceilings</u>					
Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations					
				R	

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Ceilings, Partitions and Access Flooring  
**Griekwastad: Rehabilitation of Old SAPS Canteen to Offices**

	<p><u>600 x 600 x 12.5mm Thick Vivid fissured vinyl faced ceiling tiles on an approved suspended ceiling system, comprising low sheen pre painted white 25mm exposed T-sections suspended below trusses or concrete</u></p>				
7	<p>Ceilings suspended not exceeding 1m below timber trusses</p> <p><u>Galvanised steel cornices, perimeter trims, etc to suspended ceilings</u></p>	m <sup>2</sup>	361		
8	<p>White pre-painted shadow line cornice screwed or plugged not exceeding 200mm centres</p> <p><u>Thermal insulation</u></p>	m	345		
9	<p>135mm Fibreglass thermal roof insulation laid on top of suspended ceilings (R. Value 3.38K/W)</p> <p><b><u>PARTITIONS, ETC.</u></b></p> <p><b><u>DRYWALL PARTITIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>Drywall partitioning shall comprise steel studding formed of 63,5mm top and bottom tracks with vertical studs at maximum 600mm centres, friction fitted or pop riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with wallboard screwed to studding with "Drywall" screws at maximum 220mm centres. Boards are to be butt jointed and finished with "Rhino" tape and "Ready mix D" jointing compound all in accordance with the manufacturer's instructions. Intersections and abutments are measured separately and descriptions shall be deemed to include any additional studs, corner beads, jointing compound, tape, etc.</p> <p>Note: Wall paper and/or paint and varnish finishes are measured elsewhere</p> <p><u>63.5mm Gypsum plasterboard dry-wall partition system with a half (1/2) hour fire rating</u></p>	m <sup>2</sup>	361		
10	<p>Partitioning 3485mm high with bottom track plugged and top track fixed to suspended ceiling</p>	m	9		
Carried to Collection					R
<p>Section No. 2 Building works Bill No. 9 Ceilings, Partitions and Access Flooring <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>					

11	Partitioning 3230mm high with bottom track plugged and top track fixed to suspended ceiling	m	5		
12	Extra over partition 3485mm high for vertical abutment	No	4		
13	Extra over partition 3230mm high for vertical abutment	No	2		
14	Extra over partition 3230mm high for corner	No	2		
	<u>Doors</u>				
15	Extra over partition for door size 813 x 2032mm high including additional studding, trimming, etc. (Door elsewhere measured)	No	1		
16	Ditto, but for sliding door size 1800 x 2100mm high (Door elsewhere measured)	No	1		
	<u>Insulation</u>				
17	75mm Thick fibreglass insulation blanket in cavity of partitioning	m <sup>2</sup>	49		
Carried to Collection					R
Section No. 2 Building works Bill No. 9 Ceilings, Partitions and Access Flooring Griekwastad: Rehabilitation of Old SAPS Canteen to Offices					



	<p>Section No. 2</p> <p>Bill No. 9</p> <p>Ceilings, Partitions and Access Flooring</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>73</p> <p>74</p> <p>75</p> <p>76</p> <p>77</p>		<p><b><u>Amount</u></b></p>
	<p><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 9</p> <p>Ceilings, Partitions and Access Flooring</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 10</u></b>  <b><u>FLOOR COVERINGS, WALL LININGS, ETC.</u></b>  <u>Fixing</u>  Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc  <b><u>FLOOR COVERINGS</u></b>  <u>3-5mm Vinyl plank flooring in approximately 203 x 1219mm planks with an exclusive amount of R600.00 / m² (PC Amount) laid on and including approved adhesive, spread using a trowel fitted with an A2 notched blade all in accordance with the manufacturers instructions</u>				
1	On floors	m²	44		
	<p style="text-align: right;"><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2 Building works Bill No. 10 Floor coverings, wall linings, etc. <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			R	



<b><u>LOCKS, ETC.</u></b>					
Prices of locks shall allow for fitting striking plates to door linings at single doors or to stiles of double doors					
<b><u>"EN-SUITE" LOCKS</u></b>					
The following locks are to be suitable for master and grand master key operation					
3	50mm Brass padlock with stainless steel shackle	No	2		
4	Satin chrome Gower 3 lever upright mortice lock set with 76 x 104mm case, 22 x 152mm forend, 23 x 103mm striking plate, latch, dead bolt and a pair of 41 x 153mm chromium plated handles complete as detailed on page S25	No	7		
5	Satin chrome Gower Euro profile upright cylinder lock set with 76 x 103mm case, 22 x 152mm forend, 23 x 103mm striking plate, latch, dead bolt, 2x18 Satin chrome double cylinder lock and a pair of chromium plated handles complete as detailed on page S26	No	27		
6	Satin chrome Euro profile cylinder upright lock case with 76 x 103mm case, 22 x 152mm forend, 23 x 103mm striking plate, latch and dead bolt (handles elsewhere) as detailed on page S27	No	5		
7	2x18 Satin chrome Euro profile double cylinder lock	No	5		
8	Satin chrome rebate conversion set for Euro profile upright cylinder lock set	No	5		
9	Standard chromium plated toilet door indicator bolt with keep as detailed on page S28	No	5		
10	Silver anodized aluminium helping hand indicator bolt with handle, emergency release from outside and keep for outward opening door as detailed on page S29	No	1		
<b><u>HANDLES, ETC.</u></b>					
11	Pair of 32mm diameter x 350 x 85mm stainless steel "Dove" back to back pull handles fixed to timber doors	Pairs	12.0		
12	51mm Diameter satin stainless steel narrow style Euro escutcheon with 10mm projection and concealed fixings to timber door	No	10		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 11 Ironmongery <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					



13	32mm Diameter x 300mm Anodised silver aluminium "Dove" pull straight door handle fixed to timber door with and including chromium plated screws	No	2	
<b><u>PUSH PLATES AND KICK PLATES</u></b>				
<u>1.6mm Thick polished stainless steel plates fixed with epoxy glue and screwed to door with countersunk chromium plated screws along edges at not exceeding 150mm centres</u>				
14	864 x 300mm Push plate	No	1	
15	864 x 300mm Kick plate	No	1	
<b><u>LETTERS, NAMEPLATES, ETC.</u></b>				
<u>4mm Thick approved perspex door number and name plates screwed to door and or door frame with chromium plated screws with removable washers</u>				
16	40mm High with two 20mm high numbers or letters engraved in the back painted with approved colour	No	44	
<b><u>PHOTO LUMINESCENT SIGNS</u></b>				
<u>Standard photo luminescent signage to SANS 1189 plugged to walls</u>				
17	150 x 150mm Sign with one pictogram (Male, female or disabled sign)	No	4	
18	190 x 190mm No smoking sign	No	8	
19	190 x 190mm Fire extinguisher sign	No	6	
20	384 x 190mm EXIT sign	No	6	
21	384 x 190mm Sign showing running man and direction arrow	No	5	
22	578 x 190mm Sign with fire hose reel, fire extinguisher and direction arrow	No	4	
<b>Carried to Collection</b>				
Section No. 2 Building works Bill No. 11 Ironmongery <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

<b><u>SHELVES, ETC.</u></b>					
<u>Approved adjustable shelving with standard ivory colour epoxy powder coated finish</u>					
23	2,134m Long double slot wall band plugged to wall at maximum 700mm centres	No	26		
24	Shelf bracket for 450mm wide timber shelf	No	130		
<b><u>KITCHEN FITTINGS</u></b>					
25	ZIP Hydroboil type 38004 Model 7.5/45 or other approved with a 7,5 litre capacity size 310 x 185 x 460mm high with white powder coated finish	No	2		
<b><u>BATHROOM FITTINGS</u></b>					
26	Satin finished stainless steel grade 304 (18/10) surface mounted toilet paper roll holder approximately size 156 x 137 x 304mm high to take 2 rolls with maximum 108mm diameter cylinder lock with standard key including lock, key & screws, plugged as detailed on page S30	No	8		
27	Satin finished stainless steel grade 304 (18/10) surface mounted paper towel dispenser, size 290 x 115 x 438mm high, with a single piece deep drawn lip welded container and cylinder lock with standard key and a capacity of 500 - 800 towels including screws and draw plugs as detailed on page S31	No	5		
28	Satin finished stainless steel grade 304 (18/10) surface mounted 900ml liquid soap dispenser size 95 x 90 x 260mm high, plugged	No	5		
29	32mm Diameter x 750 x 206mm non-slip stainless steel cistern rail bolted to wall	No	1		
30	32mm Diameter x 300 x 300 x 300mm non-slip stainless steel dogleg rail bolted to wall	No	1		
<b>Carried to Collection</b>				R	
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 12</u></b>  <b><u>METALWORK</u></b>  <b><u>SUPPLEMENTARY PREAMBLES</u></b>  <u>Descriptions of bolts, anchors, etc</u>  Descriptions of bolts shall be deemed to include nuts and washers  Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete  Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described  Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres  <u>Protection against corrosion</u>  Prices for all steelwork in this bill are to include for corrosion protection. Metal surfaces shall be prepared as described in PW 371 18.1.3. Priming shall be as 18.3 (a) (ii) and the undercoat as SABS 681 Type II shall also be applied by the manufacturer. Finishing coats are measured in "Paintwork" Unless specifically mentioned in the item descriptions, metalwork shall <b>not</b> be hot dip galvanised. Descriptions on drawings for "Inland Non Corrosive Areas" are applicable.				
	<p style="text-align: right;"><b>Carried to Collection</b></p> <p>Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			R	

	<p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. The glass type shall be as shown on the window schedules/drawings appended to these bills of quantities or as described in the headings to window descriptions. Glass thickness shall comply with SAGGA regulations irrespective of thickness shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>For purpose made windows and doors, refer to drawings annexed to these bills of quantities</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <ol style="list-style-type: none"> <li>1 A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</li> <li>2 A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively</li> <li>3 A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process</li> <li>4 A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked</li> <li>5 A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for period of not less than five years</li> </ol> <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>				<div></div> <div></div> <div></div>
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<b><u>MILD STEEL</u></b>					
<u>The following in welded bearers for timber worktops</u>					
1	45 x 45 x 3mm Angle section brackets (2.09kg/m)	kg	13		
2	5mm x 45mm Flat iron (1.77kg/m)	kg	8		
3	8mm Diameter expansion bolt	No	18		
4	Extra over for mitred L-intersection in 45 x 45mm angle iron bracket	No	6		
5	Extra for irregular L-intersection between 45 x 45mm angle iron and 45mm flat bar in bracket	No	12		
<u>The following in welded mild steel seating bench</u>					
6	75 x 75 x 4.5mm Square hollow section members	kg	22		
7	125 x 75 x 20 x 2,5mm Lipped channel slats (5.82kg/m)	kg	26		
8	Extra over 75 x 75 x 4,5mm square hollow section for mitred angle	No	4		
9	Extra over 75 x 75 x 4,5mm square hollow section for L-intersection	No	4		
<b><u>MILD STEEL GATES, SCREENS, ETC</u></b>					
<b><u>SECURITY SCREENS AND GATES</u></b>					
Refer to door schedule annexed to these bills of quantities					
<u>The following in welded mild steel gates, complete with hinges and suitable gate lock</u>					
10	Steel door size 1035 x 2256mm high (SD1)	No	1		
<u>The following in welded mild steel combination doors and frames</u>					
11	Combination double swing door and frame overall size 3988 x 2350mm high consisting of welded 75 x 75mm mild steel tube frames, 25mm mild steel square tubing, corrugated sheeting including a frame and hinges in one leaf for timber door size 1145 x 2060mm high (elsewhere measured) (GDD)	No	1		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

	<u>The following in welded security screens to windows and security gates</u>				
12	50 x 50 x 5mm Square woven wire mesh	m²	226		
13	25 x 25 x 4mm Angle section frame (1.47kg/m)	kg	1 163		
14	12mm Solid round bar (0.888kg/m)	kg	157		
15	12mm Chemical anchor with loose bolt	No	1 243		
16	Extra over for L-intersection	No	392		
17	Extra over for T-intersection	No	545		
	<b><u>GALVANISED STEEL POWDER COATED SECURITY GATES</u></b>				
	<u>Fully framed, galvanised steel, powder coated purpose made retractable high security trellis doors as by Trellidor Plus - T900 or Xpanda Xpandor+ or similar approved complete with steel top track with cover, purpose designed semi-tubular stainless steel rivets, upright nylon wheel holder assembly with aluminium shaft, upright assembly with roll-formed steel uprights, multiple locking points with one key point, lock cover, upright steel sill guide with semi-tubular rivets, link closures are joined together with steel spacer tubes and recess bushes, reinforced anchor plates at fixings into the wall, lattice link assembly at the bottom of the uprights, links across over and connect three upright bars and fully framed with and including 5 years warranty on the materials and with a 3 years warranty on the locks and cylinders</u>				
18	Gate for door size 813 x 2032mm high (TD6)	No	1		
19	Gate for double door size 1300 x 2100mm high (TDD)	No	1		
	<b><u>PRESSED STEEL DOOR FRAMES</u></b>				
	Refer to the door schedules annexed to these bills of quantities				
	<u>1.6mm Double rebated frames suitable for half brick walls with three 100mm brass butt hinges per door leaf</u>				
20	Frame for door size 813 x 2032mm high (D03, D06)	No	7		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				



	1.6mm Double rebated frames suitable for one brick walls with three 100mm brass butt hinges per door leaf					
21	Frame for door size 762 x 2032mm high (D02)	No	1			
22	Frame for door size 813 x 2032mm high (D01, D03)	No	10			
23	Frame for door size 914 x 2032mm high (D04)	No	5			
	<b>MILD STEEL WINDOWS</b>					
	Refer to the window schedules annexed to these bills of quantities					
	<u>Re-use steel windows (elsewhere removed)</u>					
24	Windows size 1511 x 1245mm high  Mild steel cottage section open out windows with and including burglar bars (standard NBP2 pattern burglar bars out of 10mm diameter bars) welded to opening sections	No	2			
25	Window type NC5F size 533 x 949mm high (W8)	No	7			
26	Window type NC2F size 1022 x 949mm high (W7)	No	6			
27	Window type D7H size 1022 x 1245mm high (W3)	No	7			
28	Window type D4H size 1511 x 1245mm high (W2)  Standard NBP2 pattern burglar bars out of 10mm diameter bars welded to existing opening sections	No	14			
29	Top hung for window size 533 x 654mm high	No	3			
30	Side hung for window size 533 x 1245mm high	No	10			
	<b>Carried to Collection</b>				R	
	Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

<b><u>STEEL STRONGROOM DOORS, VENTILATORS, ETC</u></b>					
Standard type record room doors fixed to brick, stone or concrete walls					
31	Approved telescopic double ended strongroom ventilator built into position in one brick wall strictly according to the manufacturer's specifications	No	2		
32	Strong room door Category 2 heavy duty, overall size 964 x 1990mm high with 20mm thick outer plate and a mass of 380kg complete with two high security 7 lever key locks and one relocker; the door complete with heavy duty door stop bolted to wall or floor and built into wall according to the manufacturer's specifications (D07)	No	1		
<b><u>ALUMINIUM WINDOWS, DOORS, ETC</u></b>					
Tenderers are referred to window and door schedules annexed to these bills of quantities for tender purposes					
<b><u>WINDOWS</u></b>					
Refer to the window schedules annexed to these bills of quantities					
<u>38mm Wide Aluminium profile Type: FT 4000 windows with 25 Microns powder coated finish (black) glazed with 6.5mm laminated clear float glass, plugged to brick, stone or concrete walls complete with weather seals, attractive heavy duty handles, corner cleats and sliding mechanism on sides all supplied with window.</u>					
33	Window size 2400 x 900mm high (W5)	No	1		
34	Window size 2400 x 1200mm high (W1c)	No	2		
35	Window size 2400 x 1800mm high (W6a)	No	1		
36	Window size 3000 x 1800mm high (W6c)	No	1		
37	Window size 3000 x 1200mm high (W1b)	No	1		
38	Window size 3000 x 1800mm high (W6b)	No	1		
39	Window size 3600 x 1200mm high (W1a)	No	1		
<b>Carried to Collection</b>				R	
Section No. 2 Building works Bill No. 12 Metalwork <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

**DOORS**

Refer to the door schedules annexed to these bills of quantities

45 x 45 x 2mm Wide heavy duty powder coated aluminium profile Type: FT 4000 custom made fully glazed doors, shop fronts, sidelights and fanlights glazed with 6.4mm laminated safety glass complete including hinges, handles, cylinder locks set, cylinder escutcheon, flush bolts, timber spacers, etc. fixed to brick, stone or concrete walls

40	Sliding door size 1800 x 2100mm high (D08)	No	1
41	Double swing door size 1300 x 2100mm high (DD1)	No	5
42	Double swing door overall size 1500 x 2100mm high (ADD)	No	2

Carried to Collection

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Section No. 2  
Building works  
Bill No. 12  
Metalwork

**Griekwastad: Rehabilitation of Old SAPS Canteen to Offices**



<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 13</u></b>				
	<b><u>PLASTERING</u></b>				
	<b><u>SCREEDS</u></b>				
	<u>Cement plaster screeds steel trowelled on concrete</u>				
1	Average 25mm thick on floors	m <sup>2</sup>	404		
2	25mm Thick on treads and risers of steps	m <sup>2</sup>	2		
	<b><u>GRANOLITHIC</u></b>				
	<u>Untinted granolithic of two parts 5mm granite stone, 1/2 part clean pit sand and 1 part cement</u>				
3	Average 25mm thick on floors	m <sup>2</sup>	15		
4	Average 25mm thick on horizontal and vertical surfaces of thresholds including 100mm wide reeded non slip strips	m <sup>2</sup>	6		
5	75mm High skirting	m	25		
	<b><u>INTERNAL PLASTER</u></b>				
	<u>Cement plaster on brickwork</u>				
6	On walls	m <sup>2</sup>	819		
7	On narrow widths	m <sup>2</sup>	33		
	<u>Cement plaster on natural stone walls</u>				
8	On walls	m <sup>2</sup>	282		
9	On narrow widths	m <sup>2</sup>	10		
	<b><u>EXTERNAL PLASTER</u></b>				
	<u>Cement plaster on brickwork</u>				
10	On walls	m <sup>2</sup>	420		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 13 Plastering <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				

11	On walls in foundations	m <sup>2</sup>	30		
12	On walls in narrow widths	m <sup>2</sup>	46		
	<u>Cement plaster on natural stone walls</u>				
13	On walls	m <sup>2</sup>	173		
14	On walls in narrow widths	m <sup>2</sup>	28		
	<b><u>SUNDRIES</u></b>				
15	25mm Diameter x 0.7mm thick wire mesh (chicken mesh) to walls	m <sup>2</sup>	652		
				R	
<b>Carried to Collection</b>					
Section No. 2 Building works Bill No. 13 Plastering <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					



<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>BILL NO 14</u></b>				
	<b><u>TILING</u></b>				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<u>Fixing</u>				
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors, etc. shall be deemed to include 1:3 plaster bedding				
	Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat				
	Ceramic, porcelain, marble and granite tiles are to be fixed with multi purpose adhesive (Max VOC content to be 60kg/litre) and grout as recommended by the manufacturer of the tiles				
	<b><u>WALL TILING</u></b>				
	<u>150 x 150 x 5mm First grade white glazed ceramic wall tiles fixed with adhesive to plaster and pointed with tinted grout strictly according to the manufacturer's specifications</u>				
1	On walls	m <sup>2</sup>	185		
2	On walls in splash backs	m <sup>2</sup>	8		
3	On walls in narrow widths	m <sup>2</sup>	5		
	<u>Marble Rustic natural wall cladding (PC R600/m<sup>2</sup>) bedded in adhesive to plastered walls in accordance with the manufacturer's specifications</u>				
4	On walls	m <sup>2</sup>	5		
	<b>Carried to Collection</b>			R	
	Section No. 2 Building works Bill No. 14 Tiling <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>				



FLOOR TILING					
	<u>300 x 300 x 9mm Ceramic floor tiles (PC R 150/m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted waterproof grout</u>				
5	On floors and landings	m²	319		
6	300 x 100mm High skirting	m	300		
	<u>(300 x 300) or (600 x 600) x 9mm Porcelain floor tiles (PC R 180/m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted waterproof grout</u>				
7	On floors and landings	m²	69		
8	300 x 100mm High skirting	m	71		
	<u>300 x 300 x 3mm Thick non-slip and hard wearing, yellow colour, Class 1 fire rating tiles specifically for the partially blind people fixed with adhesive to screed (screed elsewhere) and flush pointed with approved grout.</u>				
9	On treads, thresholds and in patches on floors	m²	10		
<b><u>SUNDRIES</u></b>					
	<u>Aluminium corner protectors, stair nosing, expansion joint strips, etc</u>				
10	10mm Quarter round aluminium edging strips to edge of tiles	m	136		
<b>Carried to Collection</b>					
Section No. 2 Building works Bill No. 14 Tiling <b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b>					

	<p>Section No. 2</p> <p>Bill No. 14</p> <p>Tiling</p> <p><b><u>COLLECTION</u></b></p> <p>Total Brought Forward from Page No.</p>		<p><b><u>Page</u></b> <b><u>No.</u></b></p> <p>97</p> <p>98</p>		<p><b><u>Amount</u></b></p>
	<p><b>Carried Forward to Summary of Section No. 2</b></p> <p>Section No. 2</p> <p>Building works</p> <p>Bill No. 14</p> <p>Tiling</p> <p><b>Griekwastad: Rehabilitation of Old SAPS Canteen to Offices</b></p>			<p>R</p>	