

public works & infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

BL22/024

PROCUREMENT DOCUMENTS

FOR THE

DEPARTMENT PUBLIC WORKS AND INFRASTRUCTURE

AT

**WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL;
STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND
DETECTIVE OFFICE**

VOLUME 2 of 3: RETURNABLE DOCUMENTS

Department Public Works and Infrastructure
Bloemfontein Regional Office
18 President Brand Street
Private Bag X20605
BLOEMFONTEIN
9300

OCTOBER 2022

Name of bidder: _____

CIDB No: _____

CSD Supplier's No: _____

CSD Unique No: _____

**VOLUME 2: RETURNABLE
DOCUMENTS**

INDEX

WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE		
VOLUME 2: RETURNABLE DOCUMENTS	PAGE NO	DOCUMENT
T2.1 List of Returnable Documents	1 to 1	Separation sheet
List of Returnable Documents	1 to 3	PA-09 (EC)
C1.1 Form of Offer and Acceptance	1 to 1	Separation sheet
Form of Offer and Acceptance	1 to 5	DPW-07 (EC)
T2.2 Returnable Documents required for tender evaluation purposes		Separation sheet
Bills of Quantities	1 to 227	All trades to final summary
Site inspection meeting certificate	1 to 1	DPW-16 (EC)
Declaration of Interest and Tenderer's Pas Supply Chain Management Practices	1 to 3	PA11 (EC)
Certification of Independent Bid Determination	1 to 4	PA-29
Resolution of Board of Directors	1 to 2	PA-15.1
Resolution of Board of Directors to enter into Consortia or Joint Ventures	1 to 2	PA-15.2
Special Resolution of Consortia or Joint Ventures	1 to 3	PA-15.3
Preference Point Claim Form in terms of the preferential procurement regulations 2011	1 to 5	PA 16 (EC)
Particulars of Tenderer's Projects	1 to 2	DPW-09 (EC)
Declaration EPWP programme	1 to 1	DPW - EPWP form
Declaration Certificate for Local Production and Content for Designated Sectors	1 to 5	PA-36
Guidance Document for the Calculation of Local Content	1 to 15	
Local Content Declaration – Summary Schedule	1 to 3	1. Annex C, D, E (Electrical Cables)
Local Content Declaration – Summary Schedule	1 to 3	2. Annex C, D, E (Valve Products)
Local Content Declaration – Summary Schedule	1 to 3	3. Annex C, D, E (PVC pipes)
Local Content Declaration – Summary Schedule	1 to 3	4. Annex C, D, E (HDPE pipes)
Local Content Declaration – Summary Schedule	1 to 16	5. Annex C, D, E (Steel products)
T2.2 Returnable Documents that will be incorporated into the contract		Separation sheet
Declaration of Designated Groups For Preferential Procurement	1 to 2	PA-40
Record of Addenda to tender documents	1 to 2	DPW-21 (EC)
Schedule of Proposed Subcontractors	1 to 1	DPW-15 (EC)
Particulars of Electrical Contractor	1 to 1	DPW-22 (EC)
Electrical/Security Work material and equipment schedules	1 to 32	Included in Volume 3
Schedule of Imported Materials and Equipment to be completed by Tenderer	1 to 1	DPW-23 (EC)

T2.1 LIST OF RETURNABLE DOCUMENTS

PA-09 (EC): LIST OF RETURNABLE DOCUMENTS

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE		
Tender / Quotation no:	BL22/024	Reference no:	14/1/7/1/10/6722
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
Submission of Bidder's disclosure (PA-11)	3 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 – 16.1)	5 Pages	Yes
Declaration Certificate for Local Production and Content for designated sectors (PA – 36 and Annexure/s C)	28 Pages	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 <i>(if applicable)</i> .	1 Page	
Record of Addenda to tender documents (DPW-21 EC)	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 / Quotation no: BL22/024

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
Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's .		
Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.		

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)	227 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

Tender document name	Number of pages issued	Returnable document
<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

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

Name of representative	Signature	Date

C1.1 FORM OF OFFER AND ACCEPTANCE

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

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE		
Tender / Quotation no:	BL22/024	Reference no:	4/2/1/1/10/6722

OFFER

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

WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE

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 amount in words takes precedence over the amount in figures. 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:.....
--	----	--

*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 / Quotation no: BL22/024

AND WHO IS (if applicable):	
Trading under the name and style of:	
AND WHO IS:	
Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: In his/her capacity as:	Note: 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.

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 contact 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.

*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"

For Internal & External Use

Tender / Quotation no: BL22/024

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):

.....

.....

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

*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 / Quotation no: BL22/024

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

WITNESSED BY:

Name of witness	Signature	Date

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.

*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"

**T2.2 RETURNABLE DOCUMENTS
REQUIRED FOR TENDER EVALUATION
PURPOSES**

BILLS OF QUANTITIES

SECTION NO 1:
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 1</u>			
<u>BILL NO. 1</u>			
<u>PRELIMINARIES</u>			
<u>MEANING OF TERMS "TENDER / TENDERER"</u>			
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"			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
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. The JBCC Principal Building Agreement contract data for organs of state and other public sector bodies forms an integral part of this agreement. 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 above mentioned documents.			
PRELIMINARIES			
Bill No. 1			
PRELIMINARIES			
		R	Not Priced

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).

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

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).

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R Not Priced

SECTION A: PRINCIPAL BUILDING AGREEMENT

Interpretation

1 Clause 1.0 - Definitions and interpretation

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

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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:.....

PRELIMINARIES
Bill No. 1
PRELIMINARIES

Item

Not Priced

R

Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

2 Clause 2.0 - Law, regulations and notices
F:..... V:..... T:.....

Item

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

3	<p>Clause 3.0 - Offer and acceptance</p> <p>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]</p> <p>F:..... V:..... T:.....</p>			
		Item		Not Priced
4	<p>Clause 4.0 - Cession and Assignment</p> <p>Ref Clause 6.7 [CD] - Clause 4.2</p> <p>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.</p> <p>F:..... V:..... T:.....</p>			
		Item		Not Priced
5	<p>Clause 5.0 - Documents</p> <p>Replace last sentence of Clause 5.2 with the following: The original signed agreement shall be held by the Employer</p> <p>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</p> <p>Replace Clause 5.5 with the following: The parties</p> <p>F:..... V:..... T:.....</p>			
		Item		Not Priced
PRELIMINARIES			R	Not Priced
Bill No. 1				
PRELIMINARIES				

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

6 Clause 6.0 - Employer's agents

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

Not Priced

7 Clause 7.0 - Design responsibility

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

Not Priced

R

Not Priced

**PRELIMINARIES
Bill No. 1
PRELIMINARIES**

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

8	<p>Clause 8.0 - Works risk</p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item		Not Priced
9	<p>Clause 9.0 - Indemnities</p> <p>Add the following to the end of the first sentence of Clause 9.2.7:</p> <p>"... due to no fault of the contractor 9.2.9 No Clause 9.2.10 No Clause</p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item		Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES			R	Not Priced

10 Clause 10.0 - Insurances

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,

R Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

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.

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PRELIMINARIES
Bill No. 1
PRELIMINARIES

Item

Not Priced

R

Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R	Not Priced
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11 Clause 11.0 - 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.

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:

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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:

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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:

**PRELIMINARIES
Bill No. 1
PRELIMINARIES**

R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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.

**PRELIMINARIES
Bill No. 1
PRELIMINARIES**

R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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

Not Priced

R

Not Priced

**PRELIMINARIES
Bill No. 1
PRELIMINARIES**

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

12 Clause 12.0 - Obligations of the parties

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:

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

R **Not Priced**

PRELIMINARIES
Bill No. 1
PRELIMINARIES

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

/ 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]

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13 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]

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14 | Clause 13.0 - Setting out

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PRELIMINARIES
Bill No. 1
PRELIMINARIES

Item

Not Priced

Item

Not Priced

Item

Not Priced

R

Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

15	<p>Clause 14.0 - Nominated subcontractors</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
16	<p>Clause 15.0 - Selected subcontractors</p> <p>Ref Clause 6.7 [CD] - Clause 15.1.4 & Clause 15.5 15.1.5 No Clause</p> <p>Replace Clause 15.1.2 with the following:</p> <p>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	Not Priced
17	<p>Clause 16.0 - Direct subcontractor</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>			<p>R</p> <p>Not Priced</p>

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

18	<p>Clause 17.0 - Contract instructions</p> <p>Replace Clause 17.4 with the following:</p> <p>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>Add the following clause as Clause 17.6:</p> <p>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>			
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19	<p>Clause 18.0 - Interim completion</p> <p>F:..... V:..... T:.....</p>			
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			R	Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

20 Clause 19.0 - Practical completion

Replace Clause 19.5 with the following:

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

Add the following as Clause 19.8:

WORKS COMPLETION

(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. (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:

(2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a 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

R Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

	<p>such date</p> <p>(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</p> <p>(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</p> <p>(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).</p> <p>F:..... V:..... T:.....</p>		
21	<p>Clause 20.0 - Completion in sections</p> <p>Add the following as Clause 20.2.1.A A certificate of Works Completion [19.8]</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
		Item	Not Priced
	<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>	R	Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

22 Clause 21.0 - Defects liability period and final completion

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

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

(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:.....

23 Clause 22.0 - Latent defects liability period

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

Item

Not Priced

Item

Not Priced

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

24	<p>Clause 23.0 - Revision of the date for practical completion</p> <p>Ref Clause 6.7 [CD] - Clause 23.1 Ref Clause 6.7 [CD] - Clause 23.2 23.2.13 No Clause</p> <p>Replace Clause 23.3 with the following:</p> <p>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]</p> <p>Ref Clause 6.7 [CD] - Clause 23.7 Ref Clause 6.7 [CD] - Clause 23.8</p> <p>F:..... V:..... T:.....</p>		
25	<p>Clause 24.0 - Penalty for late or non-completion</p> <p>Replace Clause 24.1 with the following:</p> <p>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]</p> <p>Replace Clause 24.2 with the following:</p> <p>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:</p> <p>Replace Clause 24.2.1 with the following:</p> <p>The actual or deemed date of practical- works-, or final-completion, of the works, or a section thereof [23.7.1]</p>	Item	Not Priced
	<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>	R	Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

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

Item

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

26 Clause 25.0 - Payment

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 :

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

(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

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R **Not Priced**

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<p>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</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item		Not Priced
27	<p>Clause 26.0 - Adjustment of the contract value and final account</p> <p>Ref Clause 6.7 [CD] – Clause 26.1 Omit Clause 26.4.3 Ref Clause 6.7 [CD] – Clause 26.7</p> <p>Replace Clause 26.10 with the following:</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item		Not Priced
	<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

28 Clause 27.0 - Recovery of expense and/or loss

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

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Item

Not Priced

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

29	<p>Clause 28.0 - Suspension by the contractor</p> <p>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</p> <p>F:..... V:..... T:.....</p>			
		Item		Not Priced
30	<p>Clause 29.0 - Termination</p> <p>Add the following as Clause 29.1.4:</p> <p>The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>Add the following as Clause 29.1.5:</p> <p>The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p>Add the following as Clause 29.1.6:</p> <p>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.</p> <p>Replace Clause 29.7 with the following:</p> <p>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]</p> <p>Replace Clause 29.9 with the following:</p> <p>The employer has the right of recovery against the contractor, where applicable, [CD] from: The guarantee for construction (variable) until the final</p>			
			R	Not Priced
	PRELIMINARIES			
	Bill No. 1			
	PRELIMINARIES			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

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

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

31	<p>Clause 30.0 - Dispute resolution</p> <p>Replace Clause 30.2 with the following:</p> <p>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</p> <p>30.3 to 30.7.7 No Clauses</p> <p>Replace Clause 30.8 with the following:</p> <p>The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:</p> <p>30.8.1 No Clause</p> <p>Replace Clause 30.8.2 with the following:</p> <p>The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties</p> <p>Replace Clause 30.8.3 with the following:</p> <p>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</p> <p>Replace Clause 30.9 with the following:</p> <p>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</p> <p>30.10 No Clause 30.12 No Clause</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

SECTION B: GENERAL PRELIMINARIES

Definitions and Interpretation

32 Clause 1.1 - Definitions

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

Item

Not Priced

33 Clause 1.2 - Interpretation

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

Item

Not Priced

Documents

34 Clause 2.1 - Checking of documents

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

Item

Not Priced

35 Clause 2.2 - Provisional bills of quantities

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

(N/A)

Item

Not Priced

36 Clause 2.3 - Availability of construction documentation

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

Item

Not Priced

37 Clause 2.4 - Ordering of material and goods

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

Item

Not Priced

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Previous work and adjoining properties</u>		
38	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item Not Priced
39	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item Not Priced
40	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item Not Priced
<u>The site</u>		
41	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item Not Priced
42	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item Not Priced
43	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES		R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

44	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item	Not Priced
45	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item	Not Priced
46	Clause 4.6 - Services - known F:..... V:..... T:.....	Item	Not Priced
<u>Management of contract</u>			
47	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item	Not Priced
48	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item	Not Priced
49	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item	Not Priced
<u>Samples, Shop Drawings And Manufacturer's Instructions</u>			
50	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item	Not Priced
51	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item	Not Priced
52	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item	Not Priced
			R Not Priced
PRELIMINARIES			
Bill No. 1			
PRELIMINARIES			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

53	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:..... <u>Deposits and fees</u>	Item	Not Priced
54	Clause 7.1 - Deposits and fees F:..... V:..... T:..... <u>Temporary services</u>	Item	Not Priced
55	Clause 8.1 - Water F:..... V:..... T:.....	Item	Not Priced
56	Clause 8.2 - Electricity F:..... V:..... T:.....	Item	Not Priced
57	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item	Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES		R	Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

58	<p>Clause 8.4 - Communication facilities</p> <p>F:..... V:..... T:.....</p> <p><u>Prime cost amounts</u></p>	Item	Not Priced
59	<p>Clause 9.1 - Responsibility for prime cost amounts</p> <p>F:..... V:..... T:.....</p> <p><u>Attendance on subcontractors</u></p>	Item	Not Priced
60	<p>Clause 10.1 - General attendance</p> <p>The contractor shall at his own expense provide the following general attendance on the subcontractors: Access to the site and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the contractor 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 subcontractor to establish temporary office accommodation and workshops and for the storage of plant and materials The use of erected scaffolding belonging to the contractor, in common with others having the like right, while it remains erected on the site The use, at reasonable times by arrangement of the contractor's erected hoisting equipment.</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
61	<p>Clause 10.2 - Special attendance</p> <p>F:..... V:..... T:.....</p> <p><u>General</u></p>	Item	Not Priced
62	<p>Clause 11.1 - Protection of the works</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
63	<p>Clause 11.2 - Protection/Isolation of existing works and works occupied in sections</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
			R
<p>PRELIMINARIES Bill No. 1 PRELIMINARIES</p>			Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

64	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item	Not Priced
65	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item	Not Priced
66	Clause 11.5 - 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	Not Priced
67	Clause 11.6 - Environmental disturbance F:..... V:..... T:.....	Item	Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES		R	Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

68	Clause 11.7 - Works cleaning and clearing			
	F:..... V:..... T:.....	Item		Not Priced
69	Clause 11.8 - Vermin			
	F:..... V:..... T:.....	Item		Not Priced
70	Clause 11.9 - Overhand work			
	F:..... V:..... T:.....	Item		Not Priced
71	Clause 11.10 - Tenant installations			
	F:..... V:..... T:.....	Item		Not Priced
72	Clause 11.11 - Advertising			
	F:..... V:..... T:.....	Item		Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R Not Priced

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

- 73 * 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

Not Priced

74 **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

Not Priced

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

75 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

Not Priced

76 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

Not Priced

**PRELIMINARIES
Bill No. 1
PRELIMINARIES**

R

Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

77	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 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	Not Priced
78	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	Not Priced
79	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	Not Priced
80	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	Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES			R Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

81 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

Not Priced

82 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

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

83	HIV/AIDS AWARENESS	<p>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</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
84	AWARENESS CHAMPION	<p>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
85	AWARENESS WORKSHOPS	<p>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</p> <p>F:..... V:..... T:.....</p>	Item	Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES			R	Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

86 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

Not Priced

PRELIMINARIES
BIII No. 1
PRELIMINARIES

R

Not Priced

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

87	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	Not Priced
88	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	Not Priced
89	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	Not Priced
PRELIMINARIES Bill No. 1 PRELIMINARIES					R Not Priced

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

90 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

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

R

Not Priced

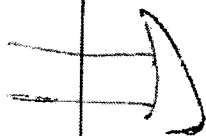
91 IMPLEMENTATION OF LABOUR-INTENSIVE
INFRASTRUCTURE PROJECTS UNDER THE
EXPANDED PUBLIC WORKS PROGRAMME (EPWP)

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

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Item

Not Priced



R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 1

PRELIMINARIES

Bill No. 1

PRELIMINARIES

COLLECTION PAGE

Page
No

Amount
R

1

Not Priced

2

Not Priced

3

Not Priced

4

Not Priced

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Not Priced

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Not Priced

17

Not Priced

18

Not Priced

19

Not Priced

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 1

PRELIMINARIES

Bill No. 1

PRELIMINARIES

COLLECTION PAGE

Page No	Amount R
	R
	Not Priced
20	Not Priced
21	Not Priced
22	Not Priced
23	Not Priced
24	Not Priced
25	Not Priced
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31	Not Priced
32	Not Priced
33	Not Priced
34	Not Priced
35	Not Priced
36	Not Priced
37	Not Priced

R Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 1

PRELIMINARIES

Bill No. 1

PRELIMINARIES

COLLECTION PAGE

Page
No

Amount
R

R

Not Priced

38

Not Priced

39

Not Priced

40

Not Priced

41

Not Priced

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Not Priced

49

Not Priced

50

Not Priced

Carried to Final Summary

R

Not Priced

PRELIMINARIES
Bill No. 1
PRELIMINARIES

SECTION NO 2:
BUILDING WORKS

**Item
No**

↑

1

-54-

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

3	Carport type steel frame structure consisting of square section steel columns 2500mm high embedded in concrete footings; including a light sloping steel roof total steel structure size 7000 x 5000 x 2500mm high. Leave area in good condition to receive new structure (Removing of surface beds measured elsewhere)	No	1
4	Remove existing concrete fountain approximately 1500mm radius and leave area in good condition	No	1
5	Timber shed overall size 5000 x 5000 x 2000mm high, including corrugated roof sheeting	No	2

BUILDING WORKS
Bill No. 1
DEMOLITIONS

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 1 ✓

DEMOLITIONS

COLLECTION PAGE

Page
No

54

55

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 1
DEMOLITIONS

R

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2</u>			
<u>BILL NO. 2</u>			
<u>ALTERATIONS</u>			
-WORK GROUP 102-			
<u>SUPPLEMENTARY PREAMBLES</u>			
All old material from the alterations, where described as to be removed, are to become the property of the Contractor, except where indicated that it should be handed over to the owner, who is to allow credit for same in the particular items			
Old material from alterations except where described to be re-used or handed over, as well as all rubbish, etc, must be regularly carted from the site and not be allowed to accumulate on or around the site			
None of the old materials are to be used for new work except where specifically described as being set aside for re-use			
<u>GENERAL</u>			
1	Allow R180 000-00 (One Hundred and Eighty Thousand Rand) for buying of mobile office with two offices each for accommodation for police offices	Item	180,000.00
<u>REMOVAL OF EXISTING WORK</u>			
<u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u>			
2	Surface bed not exceeding 150mm thick	m ² 264	
3	Concrete apron not exceeding 100mm thick	m ² 1,599	
<u>Breaking down and removing brickwork etc</u>			
4	Half brick wall	m ² 13	
			R
BUILDING WORKS			
Bill No. 2			
ALTERATIONS			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Hacking up/off screed and waterproofing from concrete roofs removing mortar bed or backing and preparing concrete surfaces for new waterproofing, screed, plaster or tile finishes</u>			
5	Roof slab (Waterproofing, screed, etc elsewhere measured)	m ²	145
<u>Taking out and removing paving, etc</u>			
6	Concrete paving blocks	m ²	48
<u>Taking out/off and removing doors, windows, etc including set aside for refixing</u>			
7	Timber door 813 x 2032mm high	No	1
<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and repair opening in all trades (new doors and frames and making good paintwork elsewhere)</u>			
8	Steel door 1500 x 2032mm high from frame (Generator Room)	No	1
9	Steel door and frame 813 x 2032mm high from one brick wall (Cell doors)	No	9
10	Timber door and steel frame 813 x 2032mm high from one brick wall	No	3
11	Timber door and steel frame 813 x 2032mm high from half brick wall	No	1
12	Timber door 813 x 2032mm high	No	15
13	Timber garage door 3000 x 2100mm high	No	1
14	Timber doors, side light and louvre overall size 1306 x 2740mm high	No	1
15	Timber doors and louvre overall size 877 x 2580mm high	No	2
16	Glazed steel window size 350 x 500mm high	No	1
17	Glazed steel window size 600 x 900mm high	No	5
BUILDING WORKS			
Bill No. 2			
ALTERATIONS			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

18	Glazed steel window size 750 x 900mm high	No	1
19	Glazed steel window size 900 x 1500mm high	No	6
20	Glazed steel window size 950 x 850mm high	No	1
21	Glazed steel window size 1000 x 1200mm high	No	3
22	Glazed steel window size 1000 x 1500mm high	No	1
23	Glazed steel window size 1000 x 1600mm high	No	2
24	Glazed steel window size 1200 x 900mm high	No	1
25	Glazed steel window size 1500 x 1500mm high	No	6
26	Glazed steel window size 1940 x 1500mm high	No	4
<u>Taking out and removing sundry joinery work and repair surfaces</u>			
27	19 x 75mm Timber skirting and quarter round from plastered walls	m	75
<u>Taking out and removing sundry carpentry and joinery work and repair surface</u>			
28	300mm Wide timber shelving from plastered walls, including bracing	m	252
29	Timber floor cupboard 1000 x 600 x 900mm high	No	1
30	Timber floor cupboard 1500 x 600 x 900mm high	No	2
31	Timber floor cupboard 2000 x 600 x 900mm high	No	1
32	Timber floor cupboard 3200 x 600 x 900mm high	No	1
33	Timber floor cupboard 1000 x 600 x 2600mm high	No	2
34	Timber floor cupboard 2200 x 800 x 2720mm high	No	1
35	Timber floor cupboard 2400 x 800 x 2720mm high	No	1
36	Timber floor cupboard 3000 x 800 x 2720mm high	No	2
<div style="text-align: right;">R</div>			
BUILDING WORKS Bill No. 2 ALTERATIONS			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

37	Timber floor cupboard 1000 x 600 x 900mm high (Stainless steel sink removed elsewhere)	No	1	
38	Timber floor cupboard 2500 x 600 x 900mm high (Stainless steel sink removed elsewhere)	No	2	
39	Timber floor cupboard 3500 x 600 x 900mm high (Stainless steel sink removed elsewhere)	No	1	
40	Timber floor cupboard 4200 x 600 x 900mm high (Stainless steel sink removed elsewhere)	No	1	
41	Timber wall cupboard 1600 x 600 x 1300mm high	No	3	
42	Timber framed pinning board 1500 x 1200mm high from walls	No	7	
<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and building up openings in brick walls including making good cement plaster both sides (making good paintwork elsewhere)</u>				
43	Timber single door and steel frame 813 x 2032mm high from one brick wall and build up opening with brickwork; including cutting and bonding to match existing with internal plaster both sides of wall (making good paintwork elsewhere)	No	1	
<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
44	Vinyl tile floor covering including preparing screed for new floor covering	m ²	469	
45	Carpets from concrete floor and prepare floor to receive new floor covering	m ²	95	
<u>Taking out and removing ironmongery and repair to trades where applicable</u>				
46	Door locks and handles from timber doors	No	16	
47	Door locks and handles from steel doors	No	3	
48	Vertical blinds 600 x 900mm high, etc.	No	3	
49	Vertical blinds 900 x 1500mm high, etc.	No	4	
BUILDING WORKS				
Bill No. 2				
ALTERATIONS				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

50	Vertical blinds 950 x 850mm high, etc.	No	1
51	Vertical blinds 1000 x 1500mm high, etc.	No	1
52	Vertical blinds 1050 x 1200mm high, etc.	No	1
53	Vertical blinds 1050 x 1400mm high, etc.	No	1
54	Vertical blinds 1200 x 1100mm high, etc.	No	1
55	Vertical blinds 1200 x 1150mm high, etc.	No	1
56	Vertical blinds 1500 x 1200mm high, etc.	No	1
57	Vertical blinds 1500 x 1500mm high, etc.	No	7
58	Vertical blinds 1950 x 1500mm high, etc.	No	2
59	Vertical blinds 2000 x 1500mm high, etc.	No	1
60	Curtain track 250mm long including pelmet	No	4
61	Curtain track 500mm long including pelmet	No	4
62	Curtain track 550mm long including pelmet	No	1
63	Curtain track 600mm long including pelmet	No	5
64	Curtain track 1020mm long including pelmet	No	10
65	Curtain track 1500mm long including pelmet	No	13
66	Curtain track 2000mm long including pelmet	No	9
67	Curtain track 2400mm long including pelmet	No	2
68	Curtain track 3000mm long including pelmet	No	1
69	Porcelain toilet roll holder from brick wall	No	2
70	Timber toilet roll holder from brick wall	No	5
71	Soap dispensers from tiled walls	No	3
72	Steel sign 150 x 150mm high from brickwork	No	1
<div style="text-align: right;">R</div>			
BUILDING WORKS Bill No. 2 ALTERATIONS			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Carefully remove ironmongery and set aside for re-fixing, including re-fixing in same position and repair to trades where applicable</u>		
73	First aid kit box from wall 100 x 400 x 400mm high	No 1
74	Steel sign 600 x 600mm high from brickwork	No 1
<u>Take out and removing, roofs, floors, panelling, ceilings, partitions, etc</u>		
75	Gypsum plasterboard ceiling, including cornices, insulation, timber bandering, etc	m ² 673
76	Concrete roof tiles covering including purlines and repair in all trades	m ² 606
77	IBR roof covering including purlines and repair in all trades	m ² 725
78	Rafters and fillers not exceeding 200mm high and repair in all trades	m 211
79	Fascia and barge boards	m 620
<u>Taking out/off and removing sundry metalwork</u>		
80	Wire mesh fence 1500mm high including posts and intermediate posts including concrete footings	m 670
81	Wire mesh fence 3100mm high including posts and intermediate posts including concrete footings	m 312
82	Wire mesh vehicle gate 5000 x 1200mm high including posts and concrete footings (Provisional)	No 3
83	Wire mesh vehicle gate 5000 x 3100mm high including posts and concrete footings (Provisional)	No 2
84	Wire mesh pedestrian gate 1000 x 1200mm high including posts and concrete footings (Provisional)	No 3

R

BUILDING WORKS
Bill No. 2
ALTERATIONS

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>		
85	Floor tiles	m ²	31
	<u>Hacking up/off and removing mosaic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>		
86	Floor tiles	m ²	1
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes including re fixing in similar position (making good tiling and paintwork elsewhere)</u>		
87	Geysers complete, including wall brackets, drip trays etc, (Disconnection of old geyser measured in electrical)	No	1
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>		
88	Galvanised rainwater gutters including, brackets, etc	m	184
89	Galvanised rainwater downpipes including, eaves offset, shoes, etc in patches	m	82
90	Carefully clean blocked drain pipes in and leave in good working order	No	3
91	Geysers complete, including wall brackets, drip trays etc, (Disconnection of old geyser measured in electrical)	No	3
92	Geysers and heat pump complete, including wall brackets, drip trays etc, (Cell block) (Disconnection of old geyser measured in electrical)	No	1
93	Stainless steel sink wash hand basin including taps	No	2
94	Stainless steel wash troughs including taps	No	2
95	Bath including taps	No	2
<div style="text-align: right;">R</div>			
BUILDING WORKS Bill No. 2 ALTERATIONS			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

96	Vitreous china wash hand basin including taps	No	9
97	Vitreous china WC pan with cistern	No	11
98	Steel WC pan	No	4
99	Steel drinking fountain	No	4
100	Shower taps from walls including pipework and repair cement plaster on walls to receive paint (paintwork elsewhere measured)	No	5
101	Shower head from walls including pipework and repair cement plaster on walls to receive paint (paintwork elsewhere measured)	No	5
102	Fire extinguishers including back support plate	No	12
	<u>Taking out and removing asbestos piping by a special approved sub-contractor, taking special care to adhere to and implement all health and safety regulations related to asbestos including the transportation, removal of the asbestos and dumping it at a safe site specifically allocated, approved and prepared for dumping of asbestos</u>		
103	Rainwater gutters including, brackets, etc	m	203
104	Rainwater downpipes including, eaves offset, shoes, etc in patches	m	78
	<u>Taking out and remove glass, mirrors and other bathroom fittings</u>		
105	Glass from steel windows including cleaning out rebates and preparing for new glass(new glazing measured elsewhere)	m ²	8
106	Putty from external steel window and repair for new putty (new putty elsewhere measured)	m	37
107	32mm Diameter, cistern back rail	No	1
108	32mm Diameter, cistern angle side rail	No	1
109	Mirrors 300 x 900mm high	No	1

BUILDING WORKS
Bill No. 2
ALTERATIONS

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>MAKING GOOD OF FINISHES, ETC</u>			
<u>Carefully clean surfaces with high pressure cleaner, leaving surface clean and in a good condition</u>			
110	Existing external face brick walls	m ²	668
111	Existing external sandstone walls	m ²	553
112	Existing internal sandstone walls	m ²	252
<u>Preparing, making good defects</u>			
113	Repair cracks in walls by hacking face of existing plastered brickwork and opening cracks not exceeding 150mm wide, filling cracks with a suitable approved filler and making good existing plaster to brickwork	m	49
114	Remove existing plaster for a width of 400mm, fill with approved filler, nail chicken mesh across cracks and re-plaster	m	11
<u>Hacking up/off and removing internal plaster and preparing concrete or brick surfaces for new plaster (plaster elsewhere measured)</u>			
115	Walls	m ²	2,168
<u>Hacking up/off and removing external plaster and preparing concrete or brick surfaces for new plaster (new plaster elsewhere measured)</u>			
116	Walls	m ²	921
<u>Making good internal cement plaster</u>			
117	Walls where half brick walls removed	m	6
<u>External face brickwork</u>			
118	Remove loose mortar grouting in bedding joints and vertical perpend and fill with 3:1 cement mortar	m ²	668
BUILDING WORKS			
Bill No. 2			
ALTERATIONS			
			R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Making good of carpentry and joinery and ironmongery</u>				
119	General inspection of existing single timber doors, including the examination and oiling, necessary re-fixing of hinges to opening doors, and leave in good working condition	No	50	
<u>Making good screed and repair holes indentations/ damages with an approved screeding agent to provide a smooth and even surface</u>				
120	Making good defects in existing screeded floors with a self levelling screed	m ²	1	
<u>Making good plumbing and drainage, etc</u>				
121	General inspection of existing wall mounted geyser to leave in good working condition	No	5	
122	Service, clean and renovate existing septic tank to working condition	No	3	
<u>Making good roof structure etc</u>				
123	Inspect and assess existing timber rafters and bracing, re-fix where appropriate and leave in an approved condition to receive new roof sheeting	m ²	1,372	
<u>Making good metalwork etc</u>				
124	General inspection of existing raking steel balustrading 900mm high, including repairing where required such as welding sections where necessary, etc and leave in good working order	m	17	
125	General inspection of existing steel windows, including the examination and oiling, necessary re-fixing of hinges to opening sashes, closing handles, setting arms, etc, clean all brass surfaces with a brass cleaning agent and leave in good working order	No	14	
126	General inspection of existing single gate, including the examination and oiling, necessary re-fixing of hinges to opening gate, and leave in good working order	No	10	
BUILDING WORKS				
Bill No. 2				
ALTERATIONS				

R

SAPS REPAIR AND RENOVATIONS

BUILDING WORKS
Bill No. 2
ALTERATIONS

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2
BUILDING WORKS
Bill No. 2
ALTERATIONS
COLLECTION PAGE

Page
No

Amount
R

57

58

59

60

61

62

63

64

65

66

67

Carried to Summary of Section No.

R

BUILDING WORKS
Bill No. 2
ALTERATIONS

Item No		Quantity	Rate	Amount R
<u>SECTION NO. 2</u>				
<u>BILL NO. 3</u>				
<u>EARTHWORKS (PROVISIONAL)</u>				
-WORK GROUP 104-				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Nature of ground</u>				
The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "hard rock" or "soft rock".				
<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</u>				
Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any multiple handling of material				
<u>REMOVAL OF TREES ETC</u>				
<u>Cutting down and removing, grubbing up roots and filling in holes</u>				
1	Tree exceeding 1500mm and not exceeding 2000mm girth	No	2	
<u>Site clearance</u>				
2	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m ²	605	
<u>BULK EXCAVATION, FILLING, ETC</u>				
				R
BUILDING WORKS				
Bill No. 3				
EARTHWORKS (PROVISIONAL)				

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Open face excavation in earth over sloping site</u>				
3	Open face excavation to reduce levels	m ³	3	
<u>Extra over all excavations for carting away</u>				
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	3	
<u>Keeping excavations free of water</u>				
5	Keeping excavations free of water		Item	
<u>Earth filling C4 (material stabilized with 4% cement) supplied by contractor, compacted in layers not exceeding 150mm thick to 98% Mod AASHTO density</u>				
6	Under floors, steps, pavings, etc	m ³	1	
<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>				
7	Under floors, steps, pavings, etc	m ³	1	
<u>Compaction of surfaces</u>				
8	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ²	9	
<u>EXCAVATION, FILLING, ETC</u>				
<u>Excavation in earth not exceeding 2m deep below natural ground level</u>				
9	Trenches	m ³	86	
10	Base	m ³	0.4	
<u>Extra over all excavation in earth for excavation in</u>				
11	Soft rock	m ³	4	
BUILDING WORKS				
Bill No. 3				
EARTHWORKS (PROVISIONAL)				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

12	Hard rock	m ³	8
	<u>Risk of collapse of excavations</u>		
13	Sides of trench and hole excavations not exceeding 1,5m deep	m ²	384
	<u>Keeping excavations free of water</u>		
14	Keeping excavations free of water		Item
	<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>		
15	Backfilling to trenches, holes, etc	m ³	84
	<u>Extra over all excavations for carting away</u>		
16	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	86
	<u>Compaction of surfaces</u>		
17	Compaction of ground surface under trenches etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ²	107
	<u>SOIL POISONING</u>		
	<u>Soil Insecticide</u>		
18	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	9
19	To bottoms and sides of trenches etc	m ²	493
	<u>THE FOLLOWING IN EARTHWORKS FOR PRECAST CONCRETE GROUND FLOOR (STRUCTURE ELSEWHERE MEASURED)</u>		
<p>BUILDING WORKS Bill No. 3 EARTHWORKS (PROVISIONAL)</p>			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Open face excavation in earth over sloping site</u>			
20	Open face excavation to reduce levels	m³	237
<u>Extra over all excavations for carting away</u>			
21	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m³	237
<u>Earth filling C4 (material stabilized with 4% cement) supplied by contractor, compacted in layers not exceeding 150mm thick to 98% Mod AASHTO density</u>			
22	Under floors, steps, pavings, etc	m³	54
<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>			
23	Under floors, steps, pavings, etc	m³	54
<u>Compaction of surfaces</u>			
24	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m²	215
<u>Soil Insecticide</u>			
25	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m²	215
BUILDING WORKS			R
Bill No. 3			
EARTHWORKS (PROVISIONAL)			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Section No. 2

BUILDING WORKS

Bill No. 3

EARTHWORKS (PROVISIONAL)

COLLECTION PAGE

Page
No

69

70

71

72

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 3
EARTHWORKS (PROVISIONAL)

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Item
No

SECTION NO. 2

BILL NO. 4

**CONCRETE, FORMWORK
AND REINFORCEMENT**

SUPPLEMENTARY PREAMBLES

Cost of tests

The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)

Formwork

Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.

Formwork to soffits of (solid) slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described. Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"

-WORK GROUP 110-

BUILDING WORKS

Bill No. 4

CONCRETE, FORMWORK AND REINFORCEMENT

Quantity

Rate

Amount
R

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**REINFORCED CONCRETE CAST AGAINST
EXCAVATED SURFACES**

25MPa/19mm concrete

1	Strip footings	m³	37
2	Strip footings in confined spaces	m³	37
3	Bases	m³	0.4
4	Ground beams	m³	1
5	Surface beds, slabs, etc	m³	1
6	Concrete in composite slabs and ribs in slabs	m³	22

TEST CUBES

7	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	5
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CONCRETE SUNDRIES

**Finishing top surfaces of concrete smooth with a
wood float**

8	Surface beds, slabs, etc	m²	224
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**Finishing top surfaces of concrete smooth with a
power float**

9	Surface beds, slabs, etc	m²	9
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HOLLOW BLOCKS ETC

-WORK GROUP 110-

FT 90 Blocks

10	200 x 500 x 100mm Block type FT90 laid end to end in rows	No	1,350
11	Extra over FT90 Blocks for one closed side 100 x 500mm	No	198

BUILDING WORKS

Bill No. 4

CONCRETE, FORMWORK AND REINFORCEMENT

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

PATENT PRECAST CONCRETE SUSPENDED FLOORING

Note: The hollow block slab include lattice beams, reinforcing, propping up etc. blocks to be placed in an existing building in confined spaces in rooms and passages.

Prefabricated concrete beams F.B.E FT90

12	60mm Thick x 150mm wide beams including two Y10 steel reinforcing bars in lengths not exceeding 5m long	m	109
13	60mm Thick x 150mm wide beams including two Y12 steel reinforcing bars in lengths not exceeding 5m long	m	83
14	60mm Thick x 150mm wide beams including two Y16 steel reinforcing bar in lengths not exceeding 5m long	m	100
15	60mm Thick x 150mm wide beams including one Y8 steel reinforcing bar in lengths not exceeding 5m long	m	19
16	60mm Thick x 150mm wide beams including one Y10 steel reinforcing bar in lengths not exceeding 5m long	m	20
17	60mm Thick x 150mm wide beams including one Y12 steel reinforcing bar in lengths not exceeding 5m long	m	76

ROUGH FORMWORK (DEGREE OF ACCURACY II)

-WORK GROUP 111-

Rough formwork to sides

18	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	16
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Rough formwork to soffit

19	Rough formwork to composite slabs with props left in for a period of 14 days after casting of slabs over; Props to be maximum 1.8m apart C/C.	m ²	210
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MOVEMENT JOINTS ETC

BUILDING WORKS
Bill No. 4
CONCRETE, FORMWORK AND REINFORCEMENT

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Expansion joints with 12mm bitumen impregnated soft board between vertical concrete and brick surfaces</u>				
20	Vertical expansion joints exceeding 300mm high between surface bed and brick wall	m ²	70	
21	Vertical expansion joints not exceeding 300mm high between surface bed and brick wall	m	4	
<u>Saw cut joints</u>				
22	10 x 45mm Saw cut joints in top of concrete, including polyethylene sealant 10 x 25mm deep, pointed (Provisional)	m	5	
<u>Joint Sundries</u>				
23	Apply wet to dry epoxy to face of concrete at construction joint not exceeding 300mm high	m	16	
<u>REINFORCEMENT (PROVISIONAL)</u>				
-WORK GROUP 114-				
<u>High tensile steel reinforcement to structural concrete work</u>				
24	12mm Diameter bars	t	0.0079	
25	16mm Diameter bars	t	0.3297	
<u>High tensile steel reinforcement to brick work</u>				
26	Two Y10 steel reinforcing bars in lengths not exceeding 5m long	m	6	
<u>Reinforcement sundries</u>				
27	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²	169	
28	Type 156 fabric reinforcement in concrete surface beds, slabs, etc	m ²	80	
29	Type 311 fabric reinforcement in concrete surface beds, slabs, etc	m ²	9	
BUILDING WORKS				
Bill No. 4				
CONCRETE, FORMWORK AND REINFORCEMENT				

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 4

CONCRETE, FORMWORK AND REINFORCEMENT

COLLECTION PAGE

Page
No

74

75

76

77

Amount
R

Carried to Summary of Section No.

BUILDING WORKS

Bill No. 4

CONCRETE, FORMWORK AND REINFORCEMENT

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**Item
No**

SECTION NO. 2

BILL NO. 5

MASONRY

-WORK GROUP 118-

SUPPLEMENTARY PREAMBLES

BRICKWORK

Sizes in descriptions

Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick

Hollow walls etc

Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.

Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixeal" bitumen emulsion waterproofing coating.

Face bricks

Bricks shall be ordered timeously to obtain uniformity in size and colour

Pointing

Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc

BLOCK WORK

Concrete masonry units

Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of at least 7 MPa

Quantity

Rate

**Amount
R**

R

**BUILDING WORKS
Bill No. 5
MASONRY**

Wall ties for block work

Wall ties shall be polypropylene "Permaties" complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the block work. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other

Block work

Block work shall comply with SABS 0145 "Concrete Masonry Construction".

Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole.

Standard complementary blocks

Descriptions of block work shall be deemed to include standard complementary blocks such as corner, three quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary

DECORATIVE BLOCKS

Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour

SAMPLES

Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site

BUILDING WORKS
Bill No. 5
MASONRY

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>FOUNDATIONS (PROVISIONAL)</u>				
<u>Brickwork of NFX clay bricks (14 MPa nominal compressive strength) in class II mortar</u>				
1	Half brick walls in confined spaces (Provisional)	m ²	106	
<u>SUPERSTRUCTURE</u>				
<u>Brickwork of NFP bricks in class II mortar</u>				
2	Half brick walls	m ²	18	
3	Half brick walls in beam filling	m ²	9	
4	One brick walls	m ²	24	
<u>Corbelled brickwork of NFP bricks in class II mortar</u>				
5	Corbelling out from one brick wall over three courses to 300mm wide on top with a length of 700mm (In No2) (Visitors Counter)	m ²	0.1	
<u>BRICKWORK SUNDRIES</u>				
<u>Brickwork reinforcement</u>				
6	75mm Wide reinforcement built in horizontally	m	77	
7	75mm Wide reinforcement built in horizontally in foundations (Provisional)	m	1,242	
8	150mm Wide reinforcement built in horizontally	m	65	
<u>"Stalton" or similar approved pre-stressed fabricated lintels including necessary temporary support</u>				
9	110 x 75mm Lintels in lengths not exceeding 3m	m	12	
<u>FACE BRICKWORK</u>				
BUILDING WORKS				
Bill No. 5				
MASONRY				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>"Corobrik or Makoro brick FBX clay" face bricks or other similar approved, bedded and jointed in class I mortar and pointed with flush vertical and horizontal joints to match the existing face brick finish</u>		
10	Extra over brickwork for face brickwork	m ² 14
11	Extra over brickwork for brick-on-edge header course band	m 7

BUILDING WORKS
Bill No. 5
MASONRY

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 5

MASONRY

COLLECTION PAGE

Page
No

79

80

81

82

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 5
MASONRY

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No		Quantity	Rate	Amount R
<u>SECTION NO. 2</u>				
<u>BILL NO. 6</u>				
<u>WATERPROOFING</u>				
-WORK GROUP 120-				
<u>SUPPLEMENTARY PREAMBLES</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				
<u>DAMP PROOFING OF WALLS AND FLOORS</u>				
<u>One layer of 250 micron "Consol Plastics GUNPLAS USB Green" waterproof sheeting sealed at laps with "GUNPLAS Pressure Sensitive Tape" or similar approved</u>				
1	Under surface beds	m ²	9	
<u>One layer of 250 micron "Consol Plastics Brickgrip DPC" embossed damp proof course or similar approved</u>				
2	In walls	m ²	26	
<u>"Coprox" or similar approved waterproof coating</u>				
3	Remove all loose paint from walls wash with sugar soap, rinse well and apply two coats as per manufacturers specification on walls in patches (External walls)	m ²	921	
4	Remove all loose paint from walls wash with sugar soap, rinse well and apply two coats as per manufacturers specification on walls in patches (Internal walls)	m ²	1,706	
				R
BUILDING WORKS				
Bill No. 6				
WATERPROOFING				

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

WATERPROOFING TO ROOFS, BASEMENTS, ETC

5mm Extra strength fully sealed Polymer Bitumen torch-on waterproofing

5 On concrete roofs

 m^2

145

JOINT SEALANTS ETC

Silicone sealing compound

6 Joints between sanitary fittings/counter tops and walls

m

33

BUILDING WORKS
Bill No. 6
WATERPROOFING

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 6

WATERPROOFING

COLLECTION PAGE

Page
No

84

85

Amount
R

Carried to Summary of Section No.

R

BUILDING WORKS

Bill No. 6

WATERPROOFING

Item No		Quantity	Rate	Amount R
<u>SECTION NO. 2</u>				
<u>BILL NO. 7</u>				
<u>ROOF COVERINGS ETC</u>				
-WORK GROUP 124-				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Straight cutting</u>				
Descriptions of all roof coverings are deemed to include for all straight cutting				
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
<u>0,6mm "Klip-Lock" or other similar approved 275 spelter galvanised troughed sheet steel with "Clobalcoat" finish on one side and "Clobalcoat grey" finish on other side in single lengths fixed to steel purlins or rails and 0,5mm galvanised sheet steel accessories with "Chromadeck" finish on one side fixed strictly to manufacture's instructions with side and end laps sealed</u>				
1	Roof covering with pitch not exceeding 25 degrees	m²	1,583	
2	Ridge covering 600mm girth	m	179	
3	0.65mm Thick IBR flute closers	m	179	
4	Expanded polyethylene closers (poli-closers) for roofing flutes	m	179	
<u>ROOF INSULATION</u>				
<u>"Sisalation FR430" or similar approved heavy Industrial grade aluminium foil based insulation</u>				
5	Insulation laid taut under purlins and fixed concurrent with roof covering including galvanized steel straining wires	m²	13	
				R
BUILDING WORKS Bill No. 7 ROOF COVERINGS				

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

**SHEET METAL FLASHINGS, LININGS,
COPINGS, ETC**

**0.8mm Galvanized sheet iron with "Chromadek"
finish on one side**

- 6 Strut metal valley lining on timber valley boarding,
bolted (timber measured elsewhere)

m

17

R

BUILDING WORKS
Bill No. 7
ROOF COVERINGS

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Section No. 2

BUILDING WORKS

Bill No. 7

ROOF COVERINGS

COLLECTION PAGE

Page
No

87

88

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 7
ROOF COVERINGS

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 2</u>			
<u>BILL NO. 8</u>			
<u>CARPENTRY AND JOINERY</u>			
-WORK GROUP 126-			
<u>Note: Tenderers are advised to study the "Specification of Materials and Methods to be used" (PW 371) before pricing this Bill</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>Plate nailed timber roof truss construction. The following is applicable in respect of roof trusses:</p> <p>Trusses are at maximum 1,20m centres. Roof covering is 0,6mm IBR profile sheeting on 50 x 75mm purlins. Ceilings are 6,4mm skimmed gypsum plasterboard sheeting on 38 x 38mm brading. The references given in the descriptions refer to the respective types of trusses detailed on the architect's drawing numbered H100/015 accompanying these bills of quantities. The dimensions in the descriptions of the trusses are nominal and actual measurements shall be obtained from the architect and/or the site before design or fabrication commences</p> <p>Joinery Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p>Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Decorative laminate finish Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p>			
			R
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

ROOFS ETC

Plate nailed timber roof truss construction

The following is applicable in respect of roof trusses:
Trusses are at maximum 750mm centres. Roof covering is galvanized sheet iron on wooden purlins. Ceilings are suspended from wooden trusses or underside of concrete slabs.

Purlins must be nailed to roof trusses with 4mm diameter 120mm long wire nails each per intersection and be secured to rafters at each intersection with 3.2mm diameter galvanised wire ties; all exposed joints to be secured with hurricane clips

SA Pine (Provisional)

1	38 x 230 Sawn valley boarding fixed	m	55
2	38 x 114mm Rafters and fillers	m	133
3	25 x 230mm hip or ridge boarding	m	36
4	45 x 170mm Rafters and fillers	m	211

EAVES, VERGES, ETC

"Everite" pressed fibre cement or other similar approved

5	275 x 8mm Fascias and barge boards including galvanized steel H-profile jointing strips to match existing	m	620
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DOORS ETC

Swartland kayo commercial veneer doors or similar approved with masonite flush panel

6	40mm Single door 813 x 2032mm high	No	26
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Meranti framed, ledged and braced batten door, with one pair of 100mm steel hinges including additional studding, trimming, ironmongery, etc.

7	40mm Door 813 x 2032mm high	No	6
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BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Van Acht 40mm thick commercial veneer flush panel door with 30 minute fire rating or similar approved</u>			
8	40mm Door 813 x 2032mm high	No	2
<u>40mm TDM Exterior door suitable for heavy duty application or similar approved</u>			
9	40mm Door 813 x 2032mm high	No	30
<u>FRAMED FRAMES ETC.</u>			
<u>Wrought meranti</u>			
10	90 x 55mm Rebated and splayed frames plugged	m	24
<u>Sawn Hardwood</u>			
11	25 x 50 x 100mm Spacers fixed to steel frame and plastered wall	No	4
12	25 x 100 x 100mm Spacers fixed to steel frame and plastered wall	No	4
13	25 x 50 x 600mm Spacers fixed to steel frame and plastered wall	No	2
<u>FITTINGS</u>			
<u>User note:</u>			
Where the drawing does not show all the detail, those detail shall be deemed to be included. All components, notching, gluing, blocking, planting on and screwing, extra bearers, etc			
<u>BLOCK A-COMMUNITY SERVICES CENTRE AND ADMIN</u>			
<u>SERVICE CENTRE COUNTER DETAIL (REFER TO DETAIL DRAWINGS B123-ARC-A40)</u>			
<u>Wrought SAP skirtings</u>			
14	38 x 100mm Skirting including 19mm quadrant bead plugged	m	4
R			
BUILDING WORKS			
Bill No. 8			
CARPENTRY AND JOINERY			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Sawn SAP Frame, bearers, cleats and posts</u>			
15	38 x 100mm cleats plugged to walls and floors	m	8
<u>Chipboard with white melawood one side bearers, cleats and posts</u>			
16	40 x 16mm Bearers plugged to walls and sides of cupboard	m	11
<u>Chipboard with white melawood or similar approved finish to one side</u>			
17	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	7
18	3mm Thick impact edging to exposed 16mm chipboard sides	m	8
<u>Chipboard with melawood or similar approved finish to both sides</u>			
19	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	2
20	3mm Thick impact edging to exposed 16mm chipboard sides	m	2
<u>Supawood Melawood or similar approved cupboard doors with matching impact edging all-round</u>			
21	16mm Double doors 922 x 910mm high (Single door 461mm each) including 3mm impact edging strip to all sides	No	1
22	16mm Double doors 926 x 910mm high (Single door 463mm each) including 3mm impact edging strip to all sides	No	1
23	16mm Thick single cupboard door 520 x 671mm	No	1
24	16mm Thick single cupboard door 536 x 671mm	No	1
<div style="text-align: right;">R</div>			

BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**Supawood white Melawood or similar approved
cupboard drawers with 16mm Folkstone Greywood
drawer front and matching impact edging all-round
on exposed edges**

- | | |
|----|--|
| 26 | Drawer 536 x 200 x 450mm deep internally comprising 16mm thick board |
|----|--|

27 32mm Thick 600mm wide granite top, total length of 2028mm long, with rounded polished edges (Total 1.21m²)

- 28 32mm Thick 600mm wide granite top, total length of 2168mm long, with rounded polished edges (Total 1.3m²)

**KITCHEN FLOOR CUPBOARDS (REFER TO
DETAIL DRAWINGS B123-ARC-D40)**

29	38 x 100mm Skirting including 19mm quadrant bead plugged
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30 19mm quadrant bead fixed to aluminium cover plate at skirting

31 38 X 100mm cleats plugged to walls and floors

BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Chipboard with white melawood or similar approved one side bearers, cleats and posts</u>		
32	40 x 16mm Bearers plugged to walls and sides of cupboard	m	61
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
33	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	18
34	3mm Thick impact edging to exposed 16mm chipboard sides	m	16
	<u>Chipboard with melawood or similar approved finish to both sides</u>		
35	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	6
36	3mm Thick impact edging to exposed 16mm chipboard sides	m	11
	<u>Supawood Melawood Folkstone Greywood cupboard doors with matching Impact edging all-round</u>		
37	16mm Thick cupboard doors 509 x 620mm	No	2
38	16mm Thick cupboard doors 510 x 620mm	No	2
39	16mm Thick cupboard doors 518 x 620mm	No	2
40	16mm Thick cupboard doors 604 x 760mm	No	1
41	16mm Thick cupboard doors 432 x 760mm	No	8
	<u>Supawood white Melawood or similar approved cupboard drawers with 16mm Folkstone Greywood drawer front and matching impact edging all-round on exposed edges</u>		
42	Drawer 509 x 150 x 450mm deep internally comprising 16mm thick board	No	2
	BUILDING WORKS		
	Bill No. 8		
	CARPENTRY AND JOINERY		

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

52	3mm Thick impact edging to exposed 16mm chipboard sides	m	14	
	<u>Chipboard with white melawood or similar approved finish to one side</u>			
53	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	7	
	<u>Chipboard with white melawood or similar approved finish to both sides</u>			
54	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	12	
55	3mm Thick impact edging to exposed 16mm chipboard sides	m	23	
	<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>			
56	16mm Double doors 819 x 771mm high (Single door 409mm each) including 3mm impact edging strip to all sides	No	2	
57	16mm Double doors 916 x 771mm high (Single door 458mm each) including 3mm impact edging strip to all sides	No	1	
58	16mm Double doors 956 x 3200mm high (Single door 478mm each) including 3mm impact edging strip to all sides	No	1	
59	16mm Single door 447 x 771mm high including 3mm impact edging strip to all sides	No	1	
60	16mm Thick cupboard single doors 838 x 771mm including 3mm impact edging strip to all sides	No	1	
61	16mm Thick cupboard single doors 518 x 620mm including 3mm impact edging strip to all sides	No	1	
62	16mm Thick cupboard single doors 364 x 771mm including 3mm impact edging strip to all sides	No	1	
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Supawood white Melawood or similar approved cupboard drawers with drawer front and matching impact edging all-round on exposed edges</u>				
63	16mm Thick supawood cupboard drawers 420 x 420 x 192mm high	No	4	
<u>"Rustenburg" Granite top with polished edges rounded and epoxied to cupboard bearers and mitred corners siliconed or other similar approved</u>				
64	32mm Thick 600mm wide granite top, total length of 916mm long, with rounded polished edges (Total .55m²)	No	1	
65	32mm Thick 600mm wide granite top, total length of 2200mm long, with rounded polished edges (Total 1.32m²)	No	1	
66	Extra over Granite tops for forming opening for double bowl sink unit 1200 x 500mm wide in 32mm Granite tops	No	1	
<u>Sundries</u>				
67	1.6 x 100mm High anodised aluminium flat cover plate fixed to timber skirting	m	8	
<u>KITCHEN TOP WALL MOUNTED CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-L40)</u>				
<u>Chipboard with white melawood or similar approved one side bearers, cleats and posts</u>				
68	45 x 20mm Bearers plugged to walls and sides of cupboard	m	7	
69	3mm Thick impact edging to exposed 16mm chipboard sides	m	10	
<u>Chipboard with white melawood or similar approved finish to one side</u>				
70	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m²	2	
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Chipboard with white melawood for similar approved inish to both sides</u>				
71	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	1	
72	3mm Thick impact edging to exposed 16mm chipboard sides	m	5	
<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>				
73	16mm Double doors 916 x 1600mm high (Single door 458mm each) including 3mm impact edging strip to all sides	No	1	
74	16mm Single door 458 x 1600mm high including 3mm impact edging strip to all sides	No	1	
<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-L41) (3 BEDROOMS)</u>				
<u>Meranti skirtings</u>				
75	19 x 76mm Skirting including 19mm quadrant bead plugged	m	9	
<u>Sawn SAP bearers, cleats and posts, etc</u>				
76	100 x 38mm Frame plugged to walls and floors	m	24	
<u>Wrought SAP bearers, cleats and posts, etc</u>				
77	100 x 38mm Frame plugged to walls and floors	m	28	
<u>Chipboard with white melawood or similar approved finish to one side</u>				
78	16mm Thick sides and backing in cupboard	m ²	42	
79	45 x 20mm Thick frame in cupboard for shelves	m	48	
80	3mm Thick impact edging to exposed 16mm chipboard sides	m	64	
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Chipboard with white melawood or similar approved finish to both sides</u>					
81	16mm Thick shelves and sides	m ²	17		
82	3mm Thick impact edging to exposed 16mm chipboard sides	m	66		
<u>Chipboard doors with white melawood or similar approved finish to both sides</u>					
83	16mm Thick double cupboard doors 1070 x 2037mm high (Single door 535mm each) including 3mm impact edging strip to all sides	No	6		
84	16mm Thick double cupboard doors 1070 x 433mm high (Single door 535mm each) including 3mm impact edging strip to all sides	No	6		
<u>SERVANT ROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-L41)</u>					
<u>Meranti skirtings</u>					
85	19 x 76mm Skirting including 19mm quadrant bead plugged	m	5		
<u>Sawn SAP bearers, cleats and posts, etc</u>					
86	100 x 38mm Frame plugged to walls and floors	m	13		
<u>Wrought SAP bearers, cleats and posts, etc</u>					
87	100 x 38mm Frame plugged to walls and floors	m	5		
<u>Chipboard with white melawood or similar approved finish to one side</u>					
88	16mm Thick sides and backing in cupboard	m ²	23		
89	3mm Thick impact edging to exposed 16mm chipboard sides	m	35		
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				R	

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Chipboard with white melawood or similar approved finish to both sides</u>					
90	16mm Thick shelves and sides	m ²	6		
91	3mm Thick impact edging to exposed 16mm chipboard sides	m	31		
<u>Chipboard doors with white melawood or similar approved finish to both sides</u>					
92	16mm Thick double cupboard doors 1168 x 2037mm high (Single door 584mm each) including 3mm impact edging strip to all sides	No	3		
93	16mm Thick double cupboard doors 1168 x 433mm high (Single door 584mm each) including 3mm impact edging strip to all sides	No	3		
<u>BLOCK K - HOUSE 50</u>					
<u>KITCHEN FLOOR CUPBOARDS (REFER TO DETAIL DRAWINGS B123-ARC-K40)</u>					
<u>Wrought SAP skirtings</u>					
94	38 x 100mm Skirting plugged	m	5		
<u>Sawn SAP bearers, cleats and posts</u>					
95	38 X 100mm cleats plugged to walls and floors	m	11		
<u>Chipboard with white melawood or similar approved one side bearers, cleats and posts</u>					
96	45 x 20mm Bearers plugged to walls and sides of cupboard (Frame)	m	27		
97	3mm Thick impact edging to exposed 16mm chipboard sides	m	28		
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				R	

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Chipboard with white melawood or similar approved finish to one side</u>					
98	16mm Chipboard board in bottoms, tops, shelves, backing and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	4		
99	3mm Thick impact edging to exposed 16mm chipboard sides	m	10		
<u>Chipboard with white melawood or similar approved finish to both sides</u>					
100	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	3		
101	3mm Thick impact edging to exposed 16mm chipboard sides	m	6		
<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>					
102	16mm Double doors 1068 x 771mm high (Single door 534mm each) including 3mm impact edging strip to all sides	No	1		
103	16mm Double doors 818 x 771mm high (Single door 409mm each) including 3mm impact edging strip to all sides	No	1		
104	16mm Single door 589 x 771mm high including 3mm impact edging strip to all sides	No	2		
105	16mm Single door 425 x 771mm high including 3mm impact edging strip to all sides	No	1		
<u>Supawood white Melawood or similar approved cupboard drawers with drawer front and matching impact edging all-round on exposed edges</u>					
106	16mm Thick supawood cupboard drawers 445 x 420 x 250mm high	No	3		
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				R	

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>"Rustenburg" Granite top with polished edges rounded and epoxied to cupboard bearers and mitred corners siliconed or other similar approved</u>					
107	32mm Thick 600mm wide granite top, total length of 1600mm long, with rounded polished edges (Total .96m ²)	No	1		
108	32mm Thick 600mm wide granite top, total length of 2415mm long, with rounded polished edges (Total 1.45m ²)	No	1		
109	Extra over Granite tops for forming opening for double bowl sink unit 1200 x 500mm wide in 32mm Granite tops	No	1		
<u>Sundries</u>					
110	1.6 x 100mm High anodised aluminium flat cover plate fixed to timber skirting	m	5		
<u>KITCHEN TOP WALL MOUNTED CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-K40)</u>					
<u>Chipboard with white melawood one side bearers, cleats and posts</u>					
111	45 x 20mm Bearers plugged to walls and sides of cupboard	m	7		
112	3mm Thick impact edging to exposed 16mm chipboard sides	m	8		
<u>Chipboard with white melawood or similar approved finish to one side</u>					
113	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	3		
114	3mm Thick impact edging to exposed 16mm chipboard sides	m	8		
BUILDING WORKS					
Bill No. 8					
CARPENTRY AND JOINERY					

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Chipboard with white melawood or similar approved finish to both sides</u>					
115	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	1		
116	3mm Thick impact edging to exposed 16mm chipboard sides	m	4		
<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>					
117	16mm Double doors 1018 x 950mm high (Single door 509mm each) including 3mm impact edging strip to all sides	No	1		
118	16mm Single door 520 x 950mm high including 3mm impact edging strip to all sides	No	1		
<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-K41) (BEDROOM 1&4)</u>					
<u>Meranti skirtings</u>					
119	19 x 76mm Skirting including 19mm quadrant bead plugged	m	6		
<u>Chipboard with white melawood or similar approved finish to one side</u>					
120	45 x 20mm Thick frame in cupboard for shelves, etc	m	59		
121	3mm Thick impact edging to exposed 16mm chipboard sides	m	45		
<u>Chipboard with white melawood or similar approved finish to one side</u>					
122	16mm Thick sides and backing in cupboard	m ²	33		
123	3mm Thick impact edging to exposed 16mm chipboard sides	m	11		
BUILDING WORKS					
Bill No. 8					
CARPENTRY AND JOINERY					

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Chipboard with white melawood or similar approved finish to both sides</u>		
124	16mm Thick shelves and sides	m ²	10
125	3mm Thick impact edging to exposed 16mm chipboard sides	m	19
	<u>Chipboard doors with white melawood or similar approved finish to both sides</u>		
126	16mm Thick double cupboard doors 1410 x 2037mm high (Single door 705mm each) including 3mm impact edging strip to all sides	No	4
127	16mm Thick double cupboard doors 1410 x 433mm high (Single door 535mm each) including 3mm impact edging strip to all sides	No	4
	<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-K41) (BEDROOM 2)</u>		
	<u>Meranti skirtings</u>		
128	19 x 76mm Skirting including 19mm quadrant bead plugged	m	2
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
129	100 x 38mm Frame plugged to walls and floors	m	10
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
130	100 x 38mm Frame plugged to walls and floors	m	9
131	3mm Thick impact edging to exposed 16mm chipboard sides	m	11
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
132	16mm Thick sides and backing in cupboard	m ²	11

**BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY**

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

133	3mm Thick impact edging to exposed 16mm chipboard sides	m	15	
	<u>Chipboard with white melawood or similar approved finish to both sides</u>			
134	16mm Thick shelves and sides	m ²	3	
135	3mm Thick impact edging to exposed 16mm chipboard sides	m	10	
	<u>Chipboard doors with white melawood or similar approved finish to both sides</u>			
136	16mm Thick double cupboard doors 1114 x 2037mm high (Single door 557mm each) including 3mm impact edging strip to all sides	No	2	
137	16mm Thick double cupboard doors 1114 x 433mm high (Single door 557mm each) including 3mm impact edging strip to all sides	No	2	
	<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-K41) (BEDROOM 3)</u>			
	<u>Meranti skirtings</u>			
138	19 x 76mm Skirting including 19mm quadrant bead plugged	m	3	
	<u>Chipboard with white melawood or similar approved finish to one side</u>			
139	100 x 38mm Frame plugged to walls and floors	m	20	
	<u>Chipboard with white melawood or similar approved finish to one side</u>			
140	100 x 38mm Frame plugged to walls and floors	m	19	
141	3mm Thick impact edging to exposed 16mm chipboard sides	m	32	
				R

BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Chipboard with white melawood or similar approved finish to one side</u>			
142	16mm Thick sides and backing in cupboard	m ²	18
143	3mm Thick impact edging to exposed 16mm chipboard sides	m	22
<u>Chipboard with white melawood or similar approved finish to both sides</u>			
144	16mm Thick shelves and sides	m ²	5
145	3mm Thick impact edging to exposed 16mm chipboard sides	m	16
<u>Chipboard doors with white melawood or similar approved finish to both sides</u>			
146	16mm Thick double cupboard doors 1248 x 2037mm high (Single door 624mm each) including 3mm impact edging strip to all sides	No	2
147	16mm Thick double cupboard doors 1248 x 433mm high (Single door 624mm each) including 3mm impact edging strip to all sides	No	2
<u>BLOCK J - HOUSE 20</u>			
<u>KITCHEN FLOOR CUPBOARDS (REFER TO DETAIL DRAWINGS B123-ARC-J40)</u>			
<u>Wrought SAP skirtings</u>			
148	38 x 100mm Skirting plugged	m	5
<u>Sawn SAP bearers, cleats and posts</u>			
149	38 X 100mm cleats plugged to walls and floors	m	11
<u>Chipboard with white melawood or similar approved one side bearers, cleats and posts</u>			
150	45 x 20mm Bearers plugged to walls and sides of cupboard (Frame)	m	27
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY			R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

151	3mm Thick impact edging to exposed 16mm chipboard sides	m	28		
	<u>Chipboard with white melawood or similar approved finish to one side</u>				
152	16mm Chipboard board in bottoms, tops, shelves, backing and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	4		
153	3mm Thick impact edging to exposed 16mm chipboard sides	m	10		
	<u>Chipboard with white melawood or similar approved finish to both sides</u>				
154	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	3		
155	3mm Thick impact edging to exposed 16mm chipboard sides	m	6		
	<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>				
156	16mm Double doors 818 x 771mm high (Single door 409mm each) including 3mm impact edging strip to all sides	No	1		
157	16mm Double doors 1068 x 771mm high (Single door 534mm each) including 3mm impact edging strip to all sides	No	1		
158	16mm Single door 589 x 771mm high including 3mm impact edging strip to all sides	No	2		
159	16mm Single door 425 x 771mm high including 3mm impact edging strip to all sides	No	1		
	<u>Supawood white Melawood or similar approved cupboard drawers with drawer front and matching impact edging all-round on exposed edges</u>				
160	16mm Thick supawood cupboard drawers 445 x 420 x 250mm high	No	3		
				R	
BUILDING WORKS					
Bill No. 8					
CARPENTRY AND JOINERY					

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

"Rustenburg" Granite top with polished edges rounded and epoxied to cupboard bearers and mitred corners siliconed or other similar approved			
161	32mm Thick 600mm wide granite top, total length of 1600mm long, with rounded polished edges (Total .96m ²)	No	1
162	32mm Thick 600mm wide granite top, total length of 2415mm long, with rounded polished edges (Total 1.45m ²)	No	1
163	Extra over Granite tops for forming opening for double bowl sink unit 1200 x 500mm wide in 32mm Granite tops	No	1
<u>Sundries</u>			
164	1.6 x 100mm High anodised aluminium flat cover plate fixed to timber skirting	m	5
<u>KITCHEN TOP WALL MOUNTED CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-J40)</u>			
<u>Chipboard with white melawood or similar approved one side bearers, cleats and posts</u>			
165	45 x 20mm Bearers plugged to walls and sides of cupboard	m	7
166	3mm Thick impact edging to exposed 16mm chipboard sides	m	8
<u>Chipboard with white melawood or similar approved finish to one side</u>			
167	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	3
168	3mm Thick impact edging to exposed 16mm chipboard sides	m	8
R			
BUILDING WORKS			
Bill No. 8			
CARPENTRY AND JOINERY			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Chipboard with white melawood or similar approved finish to both sides</u>				
169	16mm Chipboard board in bottoms, tops, shelves and divisions with 3mm impact edging on exposed edges (elsewhere measured)	m ²	1	
170	3mm Thick impact edging to exposed 16mm chipboard sides	m	4	
<u>Supawood white Melawood or similar approved cupboard doors with matching impact edging all-round</u>				
171	16mm Double doors 1018 x 950mm high (Single door 509mm each) including 3mm impact edging strip to all sides	No	1	
172	16mm Single door 520 x 950mm high including 3mm impact edging strip to all sides	No	1	
<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-J41) (BEDROOM 1&4)</u>				
<u>Meranti skirtings</u>				
173	19 x 76mm Skirting including 19mm quadrant bead plugged	m	6	
<u>Chipboard with white melawood or similar approved finish to one side</u>				
174	45 x 20mm Thick frame in cupboard for shelves, etc	m	59	
175	3mm Thick impact edging to exposed 16mm chipboard sides	m	45	
<u>Chipboard with white melawood or similar approved finish to one side</u>				
176	16mm Thick sides and backing in cupboard	m ²	33	
177	3mm Thick impact edging to exposed 16mm chipboard sides	m	11	
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Chipboard with white melawood or similar approved finish to both sides</u>		
178	16mm Thick shelves and sides	m ²	10
179	3mm Thick impact edging to exposed 16mm chipboard sides	m	19
	<u>Chipboard doors with white melawood or similar approved finish to both sides</u>		
180	16mm Thick double cupboard doors 1410 x 2037mm high (Single door 705mm each) including 3mm impact edging strip to all sides	No	4
181	16mm Thick double cupboard doors 1410 x 433mm high (Single door 535mm each) including 3mm impact edging strip to all sides	No	4
	<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-J41) (BEDROOM 2)</u>		
	<u>Meranti skirtings</u>		
182	19 x 76mm Skirting including 19mm quadrant bead plugged	m	2
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
183	100 x 38mm Frame plugged to walls and floors	m	10
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
184	100 x 38mm Frame plugged to walls and floors	m	9
185	3mm Thick impact edging to exposed 16mm chipboard sides	m	11
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
186	16mm Thick sides and backing in cupboard	m ²	11
	BUILDING WORKS		
	Bill No. 8		
	CARPENTRY AND JOINERY		

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

187	3mm Thick impact edging to exposed 16mm chipboard sides	m	15
	<u>Chipboard with white melawood or similar approved finish to both sides</u>		
188	16mm Thick shelves and sides	m²	3
189	3mm Thick impact edging to exposed 16mm chipboard sides	m	10
	<u>Chipboard doors with white melawood or similar approved finish to both sides</u>		
190	16mm Thick double cupboard doors 1114 x 2037mm high (Single door 557mm each) including 3mm impact edging strip to all sides	No	2
191	16mm Thick double cupboard doors 1114 x 433mm high (Single door 557mm each) including 3mm impact edging strip to all sides	No	2
	<u>BEDROOM CUPBOARDS (REFER TO DETAIL DRAWING B123-ARC-J41) (BEDROOM 3)</u>		
	<u>Meranti skirtings</u>		
192	19 x 76mm Skirting including 19mm quadrant bead plugged	m	3
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
193	100 x 38mm Frame plugged to walls and floors	m	20
	<u>Chipboard with white melawood or similar approved finish to one side</u>		
194	100 x 38mm Frame plugged to walls and floors	m	19
195	3mm Thick impact edging to exposed 16mm chipboard sides	m	32
BUILDING WORKS Bill No. 8 CARPENTRY AND JOINERY			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Chipboard with white melawood or similar approved finish to one side</u>		
196	16mm Thick sides and backing in cupboard	m ² 18
197	3mm Thick impact edging to exposed 16mm chipboard sides	m 22
<u>Chipboard with white melawood or similar approved finish to both sides</u>		
198	16mm Thick shelves and sides	m ² 5
199	3mm Thick impact edging to exposed 16mm chipboard sides	m 16
<u>Chipboard doors with white melawood or similar approved finish to both sides</u>		
200	16mm Thick double cupboard doors 1248 x 2037mm high (Single door 624mm each) including 3mm impact edging strip to all sides	No 2
201	16mm Thick double cupboard doors 1248 x 433mm high (Single door 624mm each) including 3mm impact edging strip to all sides	No 2
<u>JOINERY SUNDRIES</u>		
<u>50mm 'Salinga' hardwood or similar approved with rounded corners</u>		
202	Solid seats, etc of 400mm diameter with rounded top edge; 4 times screwed to steel flange (Mild steel structure measured elsewhere)	No 2

**BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY**

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 8

CARPENTRY AND JOINERY

COLLECTION PAGE

Page
No

Amount
R

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

R

BUILDING WORKS
Bill No. 8
CARPENTRY AND JOINERY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Section No. 2

BUILDING WORKS

Bill No. 8

CARPENTRY AND JOINERY

COLLECTION PAGE

**Page
No**

**Amount
R**

R

109

110

111

112

113

Carried to Summary of Section No.

R

BUILDING WORKS

Bill No. 8

CARPENTRY AND JOINERY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**Item
No**

Quantity

Rate

**Amount
R**

SECTION NO. 2

BILL NO. 9

**CEILINGS, PARTITIONS
AND ACCESS FLOORING**

-WORK GROUP 129-

SUPPLEMENTARY PREAMBLES

Descriptions

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete. Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted", the bolts are measured elsewhere

Proprietary suspended ceilings

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

NAILED UP CEILINGS

6,4mm Gypsum plasterboard ceiling fixed printed side up, at right angles to the brander using 32mm galvanized clout nails spaced at 150mm centres, joints between boards to be covered with 50 x 10mm hardwood cover strips. All nail heads to be stopped and sanded level when dry

1	Ceilings including 38 x 38mm sawn softwood brander fixed at 300mm centres	m ²	458
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"Isover" Insulation

2	130mm Thick insulation blanket closely fitted and laid on top of brander between roof timbers etc	m ²	840
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R

**BUILDING WORKS
Bill No. 9
CEILINGS ETC**

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

CORNICES

Cornices

- 3 75mm Standard concave cornice fixed with approved adhesive

m

619

SUSPENDED CEILINGS

Note:

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

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

Description shall be deemed to include any additional studs ends and intersections, corners beads, cornices at junctions with ceilings, jointing compound tape, etc.

1200 x 600 x 12.5mm Fissured vinyl cladded gypsum plasterboard lay in panel suspended ceilings on exposed painted aluminium T-grid system according to ceiling plan complete including necessary hangers, grids, etc.

- 4 Horizontal ceilings suspended below sloping timber beams, not exceeding 1m on one side and 2m on other side

m²

387

"Shadow line" or similar approved wall angles to suspended ceilings

- 5 19 x 25mm Prepainted cornices plugged

m

430

BUILDING WORKS
Bill No. 9
CEILINGS ETC

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

- 9.5mm Flush plastered Rhinoboard bulkhead fixed to frame consisting of drywall stud frame, including four 64mm ridge back stud over total length of bar area bolted to steel structure, all in accordance with architect specifications. All ceiling joints to be covered with FIBA TYPE and plastered with two layers of Rhinolite to smooth finish or other similar approved.
- 6 Rectangular bulkhead 780mm wide and 250mm high not exceeding 1m below timber battens
- PARTITIONS ETC**
- "Maclok" 98mm system, by "Lafarge Gypsum (Pty) Ltd "steel stud partitioning with "Jumbo" plasterboard both sides all in strict accordance with the design specifications and the manufacturer's instructions. Boards are to be butt jointed and finished with tape and "Readymix 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 studs, corner beads, jointing compound, tape, etc or similar approved
- 7 Partitions 1400mm high with top and bottom track plugged including 100mm aluminium skirting both sides.
- 8 Extra over partition 1400mm high for Fair ends

BUILDING WORKS
Bill No. 9
CEILINGS ETC

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2
BUILDING WORKS
Bill No. 9
CEILINGS ETC
COLLECTION PAGE

Page
No
116
117
118

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 9
CEILINGS ETC

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No		Quantity	Rate	Amount R
<u>SECTION NO. 2</u>				
<u>BILL NO. 10</u>				
<u>IRONMONGERY</u>				
-WORK GROUP 132-				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Finishes to ironmongery</u>				
Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:				
BS Satin bronze lacquered CH Chromium plated				
SC Satin chromium plated				
SE Silver enamelled				
GE Grey enamelled				
AS Anodized silver				
AB Anodized bronze				
AG Anodized gold				
ABL Anodized black				
PB Polished brass				
PL Polished and lacquered				
PT Epoxy coated				
SD Sanded				
<u>HINGES, BOLTS, ETC</u>				
<u>"Dorma" or other similar approved</u>				
1	75mm Brass necked barrel bolt (cupboards)	No	89	
2	1½ Pair two ball bearing stainless steel butt hinge 102 x 75 x 3mm	No	3	
3	170mm Wide angle hinges or other similar approved (Cupboards)	No	234	
<u>"Union" or other similar approved</u>				
4	"Union 37651" aluminium indicator bolt	No	6	
				R
BUILDING WORKS				
Bill No. 10				
IRONMONGERY				

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>CATCHES, CABIN HOOKS, ETC</u>			
<u>"Buchel" or other similar approved</u>			
5	Dorma DDS-NP-018 nickel plated floor stop	No	64
6	Dorma DHC-SS-031B stainless steel hat and coat hook with rubber buffer	No	6
<u>HANDLES</u>			
<u>"ASSA ABLOY" or other similar approved</u>			
7	Chrome handle with zinc backplate	No	78
8	Nickel plate rebate conversion set 130/81 and satin chrome lever flush bolt 120/300	No	5
9	Satin stainless steel finished pull handle fixed with 171 x 152 x 19mm bolt to door	No	2
<u>"Solid" or other similar approved</u>			
10	96mm x 12mm Cupboard/drawer pull handles	No	340
11	160mm x 12mm Cupboard/drawer pull handles	No	8
12	Dorma DPH207 stainless steel Cupboard pull handle size 350 x 32mm or similar approved	No	83
<u>PUSH PLATES AND KICKING PLATES</u>			
<u>"ASSA ABLOY" or other similar approved</u>			
13	150 x 75mm or other similar approved anodised aluminium push plate	No	2
14	850 x 300 x 0.8mm Thick satin finished stainless steel kick plate	No	2
 BUILDING WORKS Bill No. 10 IRONMONGERY			
			R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>DOOR CLOSERS</u>				
<u>"Union" or other similar approved</u>				
15	"744 H/D" Door closer with adjustable power, speed and delayed action	No	2	
<u>LOCKS, ETC</u>				
<u>"Rocco" or other similar approved</u>				
16	Drawer lock code VLC1737 NP including striker plate code L14	No	18	
17	64mm two lever straight cupboard lock (2 keys) with escutcheon plate	No	4	
<u>"ASSA ABLOY" or other similar approved</u>				
18	Cylinder Lock	No	2	
19	Gower 3 lever lockset	No	57	
20	Gower 4 lever lockset	No	18	
21	Gower 3 lever lock set including striker plate	No	3	
22	Geze Mazac Naples 3 lever LA953/3L (SKF) with chrome plate finish	No	5	
<u>"EN-SUITE" LOCKS</u>				
<u>LOCK SUNDRIES</u>				
23	Service existing door lock and leave in good working condition	No	8	
<u>SLIDING GEAR</u>				
<u>"Celmar" or other similar approved</u>				
24	45mm Full extension heavy duty bright sink plated steel telescopic controlled ball bearing action sliding gear set code 7008 for drawer with track 350mm long fixed to timber cupboard	No	18	
BUILDING WORKS				
BIII No. 10				
IRONMONGERY				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

25	Metal angle connectors code 162	No	36
<u>LETTERS, NAMEPLATES, ETC</u>			
Signs are to comply with SANS 1186-1 to 5 and to be to the approval of the local authority. Signs are to have anodised aluminium frames. Prices are to include fixing by the approved methods. The use of double sided tape will not be permitted. Surface mounted signs are to be concealed fixed and ceiling mounted signs are to be hung with 2mm diameter stainless steel cables. Single sided ceiling mounted signs are to have 2mm satin chrome anodised aluminium back panels. Samples, specifications, literature, etc of materials and fabricated articles the tenderer proposes to use shall be submitted with the tender. A ten year guarantee on materials and workmanship shall be submitted by the successful tenderer			
<u>Wall mounted photo luminescent statutory Safety & Fire Signs in 150 x 150mm modules</u>			
26	Signs as per general code (code E2)	No	6
27	Signs as per general code (code E3)	No	6
28	Signs as per general code (code E6)	No	9
29	Signs as per general code (code F13)	No	33
<u>Ceiling mounted photo luminescent statutory Safety and Fire Signs in 150 x 150mm modules</u>			
30	Signs as per general code (code E1)	No	1
<u>"Solid" or other similar approved</u>			
31	"Solid" AL5066-E10/2AS 2mm engraved plate (male)	No	3
32	"Solid" AL5066-E11/2AS 2mm engraved plate (female)	No	3
33	"Solid" AL5066-E14/2AS 2mm engraved plate (paraplegic)	No	1
BUILDING WORKS Bill No. 10 IRONMONGERY			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Wall/door mounted signage</u>		
34	600 x 200 x 3mm Thick purpose made "Perspex" sign with 50mm high "Havetica" vinyl lettering to back including vinyl background to be fixed to door with high quality M3 double sided tape or other similar approved	No 37
<u>HORIZONTAL BLINDS</u>		
<u>Approved standard 0,21 micron x 50mm horizontal venetian blinds complete with all fittings and fixtures</u>		
35	Vertical blinds 600 x 900mm high soffit fix	No 3
36	Vertical blinds 900 x 1500mm high soffit fix	No 6
37	Vertical blinds 950 x 850mm high soffit fix	No 1
38	Vertical blinds 1000 x 1500mm high soffit fix	No 1
39	Vertical blinds 1050 x 1200mm high soffit fix	No 1
40	Vertical blinds 1050 x 1400mm high soffit fix	No 1
41	Vertical blinds 1000 x 1500mm high soffit fix	No 1
42	Vertical blinds 1200 x 1100mm high soffit fix	No 1
43	Vertical blinds 1200 x 1150mm high soffit fix	No 1
44	Vertical blinds 1500 x 1200mm high soffit fix	No 1
45	Vertical blinds 1500 x 1500mm high soffit fix	No 6
46	Vertical blinds 1950 x 1500mm high soffit fix	No 2
47	Vertical blinds 2000 x 1500mm high soffit fix	No 1
<div style="display: flex; justify-content: space-between; align-items: flex-end; padding-top: 20px;"> <div> BUILDING WORKS Bill No. 10 IRONMONGERY </div> <div style="border: 1px solid black; padding: 5px;">R</div> </div>		

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

PELMETS AND CURTAIN TRACKS

"Approved"

48	Double heavy duty steel curtain track 250mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	4
49	Double heavy duty steel curtain track 500mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	4
50	Double heavy duty steel curtain track 550mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	1
51	Double heavy duty steel curtain track 600mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	5
52	Double heavy duty steel curtain track 1020mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	10
53	Double heavy duty steel curtain track 1500mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	13
54	Double heavy duty steel curtain track 2000mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	9
55	Double heavy duty steel curtain track 2400mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	2
56	Double heavy duty steel curtain track 3000mm long for face fixing including 14 rollers per metre, brackets, stopped ends, etc plugged	No	1

BUILDING WORKS
Bill No. 10
IRONMONGERY

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

BATHROOM FITTINGS

"Franke" or other similar approved

57 "Franke" STRX 611 Surface mounted sanitary towel disposal bin, manufactured from 18/10 stainless steel, surface Satin finish, 1,5mm material thickness, complete with plastic container with a 6 litre capacity and stainless steel piano hinge, including screws and dowels

No

5

58 362 x 175 x 460mm high "Franke Chronos BS605" 0,9mm thick satin finished stainless steel paper towel waste bin code 359822 plugged with stainless steel screws

No

5

59 BHM6P soap tray fixed to wall

No

6

"Cubical Solutions" or similar approved

60 Stainless steel soap dispenser plugged to walls

No

5

61 Stainless steel 2-roll toilet roll holder, overall size 130 x 130 x 260mm plugged and screwed to wall

No

7

"Buchel" or similar approved

62 32mm Diameter code B1686, cistern back rail with stainless steel finish bolted to wall as indicated on detail drawings in dis-able toilets.

No

3

63 32mm Diameter code B1688, cistern angle side rail with stainless steel finish bolted to wall as indicated on detail drawings in dis-able toilets.

No

3

SUNDRIES

"Approved"

64 Oval aluminium wardrobe rail 1094mm long including end brackets plugged to cupboard frame with stainless steel screws to manufacturers specifications

No

16

65 Oval aluminium wardrobe rail 882mm long including end brackets plugged to cupboard frame with stainless steel screws to manufacturers specifications

No

8

**BUILDING WORKS
Bill No. 10
IRONMONGERY**

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

66	Oval aluminium wardrobe rail 724mm long including end brackets plugged to cupboard frame with stainless steel screws to manufacturers specifications	No	26
67	Oval aluminium wardrobe rail 766mm long including end brackets plugged to cupboard frame with stainless steel screws to manufacturers specifications	No	6
68	19mm Chromium plated towel rail 900mm long including end brackets plugged with stainless steel screws to manufacturers specifications	No	3
<u>SHELVES ETC</u>			
<u>"STORAGE DIRECT" or other approved Grey Powder coated industrial modular free standing steel shelves, including heavy duty uprights, open base foot pieces, shelf brackets, shelves, spacers, top rails, cross bracing bars, top finishing plates and adjustable book clips or other similar approved</u>			
69	'Standard' back uprights plugged and bolted to other uprights	m	415
70	'Standard' front uprights plugged	m	415
71	'Standard' cross bracing bolted to back of shelf frame	m	423
72	914 x 450mm deep shelf panel, including 'Standard' support beams	No	664
<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>			
<u>"Vitrex model 2200, Reference 2202" or other similar approved</u>			
73	1200 x 1200mm High pinning board with aluminium frame and premier pinning surface plugged to wall	No	8
74	3000 x 1200mm High pinning board with aluminium frame and premier pinning surface plugged to wall	No	7
<div style="text-align: right;">R</div>			
BUILDING WORKS Bill No. 10 IRONMONGERY			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2
BUILDING WORKS
Bill No. 10
IRONMONGERY
COLLECTION PAGE

Page
No
120
121
122
123
124
125
126
127

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 10
IRONMONGERY

R

**Item
No**

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

4	100 x 75 x 20 x 2.5mm Lipped channel	t	0.03	
5	125 x 50 x 20 x 2.5mm Lipped channel	t	0.04	
6	125 x 65 x 20 x 2.5mm Lipped channel	t	0.12	
7	200 x 75 x 20 x 2.5mm Lipped channel	t	0.05	
8	140 x 73 x 12.9 (IPE 40)	t	0.12	
<u>Framed and welded structure, columns and framing for canopy structure</u>				
9	100 x 100 x 4.5mm Hollow section columns	t	0.08	
<u>Steel plates</u>				
10	80 x 80 x 6mm Angle cleat 75mm long holed one time for expansion bolt (Bolt elsewhere measured)	No	12	
11	90 x 65 x 6mm Angle cleat 75mm long holed one time for expansion bolt (Bolt elsewhere measured)	No	8	
12	100 x 75 x 6mm Angle cleat 195mm long holed two times for expansion bolts (Bolts elsewhere measured)	No	4	
13	300 x 195 x 6mm fixing plate holed four times for expansion bolts (Bolts elsewhere measured)	No	4	
14	300 x 300 x 10mm Base plate holed four times for expansion bolts (Bolts elsewhere measured)	No	2	
15	300 x 73 x 6mm Plate holed six times for expansion bolts at 40mm c/c including 100 x 100 x 6mm column cap plate (Bolts elsewhere measured)	No	2	
16	200 x 100 x 4mm Sliding plate tide into wall	No	4	
<u>Bolts to columns, beams, walls etc</u>				
17	M12 Rawl bolts	No	36	
18	M16 Rawl bolts	No	28	
				R
BUILDING WORKS				
Bill No. 11				
STRUCTURAL STEELWORK				

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 11

STRUCTURAL STEELWORK

COLLECTION PAGE

Page
No

129

130

Amount
R

Carried to Summary of Section No.

BUILDING WORKS

Bill No. 11

STRUCTURAL STEELWORK

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**Item
No**

SECTION NO. 2

BILL NO. 12

METALWORK

-WORK GROUP 136-

SUPPLEMENTARY PREAMBLES

Descriptions

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 Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described

Dimensions

All dimensions are to be checked on site and door quantities to be verified by contractor before doors are manufactured. All window/shop front openings dimensions must be checked on site after openings are available.

Door frame to be fixed to plastered reveals using an approved fixing.

Fully detailed shop drawings must be submitted and approved by Architect before manufacture commences. Any design discrepancies must also be reported to the architect. Shop drawings to include aluminium sections, dimensions, hardware & ironmongery sub frame details.

**WELDED SCREENS, GATES, BURGLAR BARS
ETC**

**BUILDING WORKS
Bill No. 12
METALWORK**

Quantity

Rate

**Amount
R**

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>"Expanda" or similar approved internal burglar guards, consisting of 10mm mild steel square vertical bars at max 100mm centres with minimum two solid mild steel square horizontal bars. Opening higher than 900mm to have an additional horizontal bar fixed to window reveal, including paint to match existing windows. All dimensions need to be checked on site first</u>			
1	Burglar bar panel size 350 x 500mm high	No	1
2	Burglar bar panel size 250 x 1500mm high	No	4
3	Burglar bar panel size 600 x 900mm high	No	4
4	Burglar bar panel size 680 x 900mm high	No	1
5	Burglar bar panel size 600 x 1000mm high	No	1
6	Burglar bar panel size 600 x 1200mm high	No	1
7	Burglar bar panel size 600 x 1500mm high	No	2
8	Burglar bar panel size 750 x 900mm high	No	1
9	Burglar bar panel size 900 x 1500mm high	No	6
10	Burglar bar panel size 1000 x 1500mm high	No	2
11	Burglar bar panel size 1000 x 1600mm high	No	2
12	Burglar bar panel size 1000 x 1900mm high	No	3
13	Burglar bar panel size 1000 x 1200mm high	No	3
14	Burglar bar panel size 1050 x 1400mm high	No	1
15	Burglar bar panel size 1050 x 2000mm high	No	3
16	Burglar bar panel size 1200 x 900mm high	No	1
17	Burglar bar panel size 1500 x 1200mm high	No	4
18	Burglar bar panel size 1500 x 1300mm high	No	2
19	Burglar bar panel size 1500 x 1500mm high	No	7
BUILDING WORKS			
Bill No. 12			
METALWORK			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

20	Burglar bar panel size 1940 x 1500mm high	No	4
21	Burglar bar panel size 2000 x 1200mm high	No	3
22	Burglar bar panel size 2000 x 1500mm high	No	6
23	Burglar bar panel size 2400 x 1500mm high	No	2
<u>STEEL GATES, SCREEN, ETC</u>			
<u>"Xpandor" or other similar approved fully framed sliding security gate epoxy powder coated fixed to brickwork on concrete</u>			
24	Door for 880 x 2125mm high opening, including all ironmongery	No	1
25	Door for 880 x 2625mm high opening, including all ironmongery	No	1
26	Door for 930 x 2125mm high opening, including all ironmongery	No	6
27	Door for 2580 x 2125mm high opening including all ironmongery	No	1
28	Door for 5000 x 2100mm high opening, including all ironmongery	No	1
<u>50 x 50 x 2.5mm mild steel hollow section outer frame security gate with 12 x 12mm mild steel vertical bars @ 100mm c/c. Gate frame 40 x 40 x 2mm mild steel hollow section frame bolted to wall. All dimensions need to be checked on site first</u>			
29	Gate 900 x 2100mm high suitable for one brick wall	No	2
<u>PRESSED STEEL DOOR FRAMES</u>			
<u>1.8mm Double rebated frames including two hinges per door and two rubber stops suitable for one brick walls</u>			
30	Frame for double door 1500 x 2032mm high	No	4
31	Frame for door 813 x 2032mm high	No	4
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> BUILDING WORKS Bill No. 12 METALWORK </div> <div style="border: 1px solid black; padding: 5px;">R</div> </div>			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>1.8mm Single rebated frames including two hinges per door and two rubber stops suitable for half brick walls</u>			
32	Frame for door 813 x 2032mm high	No	3
<u>GALVANIZED PRESSED STEEL GENERATOR ROOM DOORS</u>			
<u>Approved generator doors</u>			
33	Double door 1500 x 2100mm high with Type MV louvered ventilation panel including rebated frame suitable for one brick wall galvanized insect screen, approved lockset and handles	No	1
<u>FRAMED AND WELDED MILD STEEL DOORS, SCREENS, GATES, ETC</u>			
<u>Doors, screens and gates to brickwork</u>			
34	Single door 894 x 1966mm high overall of 50 x 50 x 4mm hollow section outer frame, four 50 x 50 x 4mm intermediate rails and T-intersection welded and mitred, including 3mm thick sheet lining both sides folded and welded around frame at perimeter and popriveted to hollow section frame not exceeding 120mm centres, 230 x 230 x 50mm locking case of 6mm flat section face, back, top, bottom and sides welded to adjacent horizontal frames and three 6 mm thick 132 x 65mm overall built up steel hinges with M12 x 30 grade 8.8 bolt and lock nut, 16mm diameter chromium steel ball with grease nipple, welded to 50 x 50 x 4mm hollow section frame and 2mm door frame respectively (frame elsewhere), 6 x 38 x 230mm flat section bow handle four times bent across and pop riveted to 50 x 50 x 4mm hollow section frame complete(Including Lock)	No	8
BUILDING WORKS Bill No. 12 METALWORK			R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

35	Single gate 910 x 1966mm high overall of 50 x 50 x 4mm hollow section perimeter frame, four 50 x 50 x 4mm intermediate rails welded and mitred and T-intersections with holes through both sides of intermediate rail and one side of top and bottom frame 4mm flanges for 16mm diameter vertical mild steel rods with welded joints at 100mm centres, 23 x 230 x 50mm locking case and 3mm flat section face, back, top, bottom and sides welded together, positioned between and welded to adjacent horizontal frame, including three 6mm thick 132 x 65mm overall built up steel hinges with M12 x 30 grade 8.8 bolt and lock nut, 16mm diameter hollow section frame and stile of gate respective complete (frame elsewhere) (Including Lock)	No	8	
36	2mm Thick double rebated door frame suitable for one facebrick wall and filled in with mortar between brickwall and frame for 59mm thick door and gate 50mm thick; each 900 x 1950mm high, the frame returned 54mm around and jamb both sides, with 50 x 50 x 6 mm angle iron stiffener along external face at returns including twenty four 200 x 25 x 2mm mild steel fixing lugs welded to angle iron and built into every fourth course including preparing frame for striking plate of lock both sides (Including Lock)	No	8	
<u>POWDER COATED ALUMINIUM LOUVRE UNITS</u>				
<u>Aluminium "Rarb" or similar approved louvre units (Colour: Avodized, Class 1), including insect wire mesh screen from galvanized steel including necessary frame</u>				
37	Louvre unit 807 x 427mm high	No	2	
38	Louvre unit 1236 x 592mm high	No	1	
				R

BUILDING WORKS
Bill No. 12
METALWORK

**ALUMINIUM WINDOWS, SHOPFRONTS,
DOORS, ETC (REFER TO ARCHITECT
DRAWING)**

Note: Tenderers are referred to architect's door and windows schedule drawings for exact details and position on plan. All glazing and windows are to comply with SANS 10400 - N:2010, NBR's and AAAMSA Standards and regulations.

General Glazing & Aluminium notes:

Glass & Aluminium spec indicated above is to be taken as minimum standard, specialist to calculate required spec in accordance with relevant codes below:

-Glass and Aluminium spec indicated above is to be taken as the minimum standard, specialist to calculate required spec in accordance with relevant codes below
-Frames to be powder coated aluminium in accordance with SABS 1578 Part 1 & 2.

-Windows and doors to be designed in compliance with AAMSA performance criteria category 2 and/or SABS 0169 - Compliance certificate to be supplied

-Design workload - 1000PA (inland); 1600PA (coastal)

-Shop drawings to be submitted to project architect for approval

-Glazing to comply with NBR's: SANS - N:2010

-Size of Aluminium sections is recommended however wall thickness must be a minimum of 2mm.

-All dimensions need to be checked on site first

Purpose made white power coated aluminium windows glazed with 6.5mm clear safety glass to SABS 0137 and plugged to brickwork or concrete and joint between frame and wall to be sealed water tight with approved sealant including standard weather seals concealed side arms secured with stainless steel screws for opening window sash

39	Aluminium window size 350 x 500mm high	No	1
40	Aluminium window size 600 x 900mm high	No	5
41	Aluminium window size 750 x 900mm high	No	1
42	Aluminium window size 900 x 1500mm high	No	6

BUILDING WORKS
Bill No. 12
METALWORK

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

43	Aluminium window size 950 x 850mm high	No	1		
44	Aluminium window size 1000 x 1200mm high	No	3		
45	Aluminium window size 1000 x 1500mm high	No	1		
46	Aluminium window size 1000 x 1600mm high	No	2		
47	Aluminium window size 1200 x 900mm high	No	1		
48	Aluminium window size 1500 x 1500mm high	No	6		
49	Aluminium window size 1940 x 1500mm high	No	4		
	<u>Purpose made white power coated aluminium door glazed with 6.5mm clear safety glass, glazed to comply with the standards of the national building regulations (SABS 0400) and plugged to brickwork or concrete including silicon sealing all around</u>				
50	Single Door 830 x 2119mm high and frame; including all mullions, transoms and frames	No	1		
	<u>Purpose made nukulip anodized aluminium sliding door and frame glazed with 6.38mm clear safety glass, glazed to comply with the standards of the national building regulations (AAAMSA, SAGGA and SANS) and plugged to brickwork or concrete including silicon sealing all around</u>				
51	Sliding door 2580 x 2125mm high, including all mullions, transoms, ironmongery and frames	No	1		
	<u>VENTILATION GRILL</u>				
	<u>Steel ventilation grill fitted inside reveal to concrete lintel or other similar approved</u>				
52	Opening 600 x 900mm high	No	1		
BUILDING WORKS					
Bill No. 12					
METALWORK					

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**THE FOLLOWING IN VISITORS COUNTER AND
SEATING (REFER TO ARCHITECT DRAWING
B123-ARC-E43)**

Mild steel supports

53	400mm long x 3mm Thick 100mm diameter galvanised mild steel pipe support welded to flanges at both ends	No	2
54	6mm Thick galvanised steel flange circular on plan in round form of 300mm diameter four times holed for bolts	No	2
55	2.5mm Thick 100 x 50mm galvanised steel channel section framed frame bolted to brick walls (Bolts elsewhere measured)	m	4
56	16mm Diameter galvanised bright mild steel bars welded to frame at both ends (In No 8)	m	8
57	2mm Thick galvanised perforated mild steel plate not exceeding 300mm wide welded to mild steel frame. The perforations to be at 8mm centres to 8mm pitch	kg	16
58	2mm Thick galvanised perforated mild steel plate not exceeding 300mm wide riveted with 8mm diameter rivets at 150mm centres to mild steel frame. The perforations to be at 8mm centres to 8mm pitch	kg	16
<u>Bolts to trusses etc</u>			
59	M12 Expansion galvanised bolts to concrete floor	No	8
60	M8 Expansion galvanised bolts to frame and brick wall	No	10

**BUILDING WORKS
Bill No. 12
METALWORK**

R

STEEL ROLLER SHUTTERS ETC

**"Coroma roll a door" or other similar approved
coroflute aluminium 5 panel single sectional
manually operated garage door (colour to later
specification) fixed to brickwork or concrete**

- 61 2500 x 2400mm High remote controlled electrically
operated slatted roller shutter garage door including
"Centurion Systems" roll up RDO™ door opener with an
opening lifting force of 30kg and maximum door size
2,4m with suggested 20 operations per day with 24V DC
battery back-up including NOVA Voyager receiver
allowing for and including 36 programmable remote
buttons, manual override release, connected to single
phase power, all in accordance with the manufacturer's
recommendations. (D13)

No

4

BUILDING WORKS
Bill No. 12
METALWORK

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 12

METALWORK

COLLECTION PAGE

Page
No

132

133

134

135

136

137

138

139

140

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 12
METALWORK

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No		Quantity	Rate	Amount R
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 13</u>			
	<u>PLASTERING</u>			
	-WORK GROUP 142-			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Note: Tenderers are advised to study the "Specification of Materials and Methods to be used" (OW 371) before pricing this Bill			
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic on concrete or brickwork with steel troweled finish (30MPa compressive strength)</u>			
1	15mm Thick on top of brick work	m ²	1	
2	15mm Thick to brickwork work sides not exceeding 300mm wide	m	1	
	<u>SCREEDS</u>			
	<u>Screeds on concrete</u>			
	<u>1:3.5 Cement plaster wood floated prepared on to concrete (30MPa compressive strength)</u>			
3	25mm Thick on floors	m ²	499	
4	Average 25mm thick to falls	m ²	1	
5	Average 75mm thick on flat roofs to falls	m ²	145	
			R	
	BUILDING WORKS Bill No. 13 PLASTERING			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

INTERNAL PLASTER

Cement plaster on brickwork

One coat (5:1) cement plaster, finished to a smooth and even steel trowelled surface on brickwork

6 On walls

 m^2

2,235

7 On narrow widths

 m^2

10

EXTERNAL PLASTER

Cement plaster on brickwork

One coat (4:1) cement plaster finished to a smooth and even wood floated surface on brickwork

8 On walls

 m^2

821

BUILDING WORKS
Bill No. 13
PLASTERING

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2
BUILDING WORKS
Bill No. 13
PLASTERING
COLLECTION PAGE

Page
No
142
143

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 13
PLASTERING

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Item No			Quantity	Rate	Amount R
	SECTION NO. 2				
	BILL NO. 14				
	TILING				
	-WORK GROUP 144-				
	SUPPLEMENTARY PREAMBLES				
	Descriptions 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				
	WALL TILING				
	<u>200 x 200mm 8,5mm Thick grade A ceramic white tile, supplied by SAMCA or similar approved fixed to walls with "Tal Professional" or similar approved adhesive and flush pointed with waterproofed tinted jointing compound (colour Dove Grey) strictly in accordance with manufacturer's specification to plaster (plaster elsewhere)</u>				
1	On walls	m ²	462		
2	On walls in narrow widths	m ²	10		
3	On walls in isolated panels, splash backs, etc.	m ²	30		
	<u>300 x 300mm "Mosaic" tiles setting tile adhesive mixed with Tal Bond bonding liquid in lieu of water compound and flush pointed with "Tal professional" or similar approved waterproof dove grey tile grout, all tiles to be sealed with a tile floor sealer work to be executed by an approved tiling contractor</u>				
4	50mm High dado rail of cut tiles	m	14		
				R	
	BUILDING WORKS Bill No. 14 TILING				

FLOOR TILING

300 x 300 x 6mm Thick first grade ceramic tiles fixed with approved tile adhesive to concrete floors and flush pointed with tinted waterproof jointing compound, laid in accordance with SABS 0107 or latest fitting code of practice work to be executed by an approved tiling contractor

5	On floors and landings	m ²	695
6	150mm High skirting tiles of cut tiles	m	614

50 x 50 White skid free "Mosaic" tiles to fall on 20mm bedding on concrete fixed with Tal Gold Star 5 Rapid setting tile adhesive mixed with Tal Bond bonding liquid in lieu of water compound and flush pointed with Tal professional waterproof dove grey tile grout, all tiles to be sealed with a tile floor sealer work to be executed by an approved tiling contractor

7	On shower floors	m ²	1
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SUNDRIES

PVC rounded M-Trim (Code: PRE090.14) dove grey edge trim bedded in tile adhesive or other similar approved

8	9mm High edge trim to tiles	m	145
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BUILDING WORKS
Bill No. 14
TILING

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2
BUILDING WORKS
Bill No. 14
TILING
COLLECTION PAGE

Page
No
145
146

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 14
TILING

R

**Item
No**

SECTION NO. 2

BILL NO. 15

PLUMBING AND DRAINAGE
(PROVISIONAL)

SUPPLEMENTARY PREAMBLES

Copper pipes

Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-siphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground.

Lead pipes and traps

All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel.

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained.

Exposed concrete surfaces

Exposed surfaces of concrete storm water channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catch pits, inspection chambers, etc shall be finished smooth with plaster.

BUILDING WORKS
Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)

Quantity

Rate

**Amount
R**

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling.
"Soft rock" and "hard rock" shall be as defined in "Earthworks".

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions.

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:

SABS 1200 5L : Medium-pressure pipelines

LD : Sewers

LE : Stormwater drainage

Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200

DB : Earthworks (Pipe trenches)

Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200

LB : Bedding (Pipes).

Unless otherwise described bedding of rigid pipes shall be class B bedding

Flush pans

Flush pans shall have straight or side outlets and "P" or "S" traps as necessary.

Waste unions

Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings

-WORK GROUP 146-

RAINWATER DISPOSAL

0.6mm Pre-painted seamless aluminium gutters

1	125 x 100mm Gutter	m	83
2	75 x 75mm Rainwater down pipes	m	30
3	Extra over 125 x 100mm rainwater pipe for shoe	No	10

BUILDING WORKS

Bill No. 15

PLUMBING AND DRAINAGE (PROVISIONAL)

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

4	Extra over 125 x 100mm gutter for stop end	No	8		
5	Extra over 125 x 100mm rainwater pipe for eaves offset	No	10		
<u>-WORK GROUP 148-</u>					
<u>SANITARY FITTINGS</u>					
<u>"Approved" 304 grade stainless steel sanitary (18/10) 1,2mm gauge fittings</u>					
6	1,2mm Thick type 304 (18/10) "OVE Model OSPA 1" vandal proof water closet with full flow P-trap and 38mm dia flush pipe; both sufficient length to protrude through 330mm wall including integral 35mm wide fixing flange bottom sides and top 7 times bolted to brick wall and concrete floor complete with expanded metal mesh for mechanical bond for plaster or screed (Prison Type)	No	4		
7	1,2mm Thick type 304 (18/10) 340 x 125 x 350mm high "OVE Model OSB 1A/125"drinking fountain basin including 15mm push-button tap (Prison Type) or other similar approved	No	4		
<u>"Franki (Citimetal)" or other similar approved</u>					
8	2578 x 600 x 500mm Double bowl wash trough. Unit manufactured from grade 304 (18/10) Stainless Steel 0,9mm gauge. Unit to include a presses bowl 540 x 430 x 348mm deep (43litres) with a 40mm waste outlet. Unit to be fixed to wall with a pair of galvanised mild steel Falcon Brackets or other similar approved	No	4		
9	1160 x 460mm Wide stainless steel Grade 304 (18/10) double bowl sink, including 2 x 90mm basket strainer fitting, with sink dimensions 340 x 370 x 152mm, drop on sink Code:821048 fitted onto timber cupboard (elsewhere measured)	No	6		
<u>"Vaal" or other similar approved</u>					
10	560 x 405mm White hand wash basin with pedestal code 7150, two tap holes including integrated overflow and chain stay hole, to comply to SABS 497or other similar approved	No	12		
				R	

BUILDING WORKS
Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

11	Virtuous china paraplegic floor mounted toilet with 90 degree outlet pan (Code 750200) and matching 9 litre cistern (Code 710631), complete with purpose made C.P. side flush lever mounted on wall adjacent to cistern (left or right) including solid (D.P.E Model "Lux 82") white toilet seat with lid or other similar approved	No	3
12	Virtuous china floor mounted toilet "Aguasave" with 90 degree outlet pan (Code 750151) and matching 6 litre SISO cistern, complete with heavy duty white toilet seat with lid, fittings and flushpipe or other similar approved	No	11
<u>"Cobra" or other similar Approved</u>			
13	1800 x 369 x 750mm High rectangular white acrylic Venus bath CODE AQWH18003 with Amazonite or other similar approved cladding, supported on 38 x 38mm timber battens fixed to walls all to comply with SABS 497	No	4
<u>WASTE UNIONS, ETC</u>			
14	38mm Stainless steel shower waste union with dominical grating	No	1
15	32mm 316 CP waste union including plug and stay	No	18
16	40mm 316 CP waste union including plug and stay	No	4
17	38mm Diameter stainless steel outlet to waste water system (shower at cells)	No	4
18	38mm Diameter waste built flush into brick wall and secured with steel lugs (water fountain at cells)	No	4
<u>"Approved"</u>			
19	Rubber waste outlet plugs with chain for bath	No	4
<u>TRAPS, ETC</u>			
<u>"Cobra" or other similar approved</u>			
20	32mm 360 CP lagged bottle trap	No	12
21	40mm Bath trap complete with nikki spout, overflow outlet and pipe	No	4
BUILDING WORKS			
Bill No. 15			
PLUMBING AND DRAINAGE (PROVISIONAL)			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>"Rubber"</u>					
22	40 x 300mm Sink combination for double bowl with deepseal "P" trap	No	10		
23	40 x 300mm Deepseal "P" trap (shower at cells)	No	4		
<u>TAPS, VALVES, ETC</u>					
<u>"Cobra" or other approved</u>					
24	15mm "Ball-O-Stop" or other similar approved taps	No	55		
25	15mm "Cobra 503-21B" or other similar approved CP Elbow action pillar tap with flanged back nut and raised nose hose code 112, manufactured in accordance with SANS 226:2004 Type 1 (BS 5412)	No	3		
26	Kitchen classic sink mixer - Carina 166/041CA wall type sink mixer with aerated swivel outlet. ½" BSP male inlets. SANS 226 with concealed connections	No	10		
27	"Classic Carina Code 294CA" basin mixer	No	9		
28	"Classic Carina": 149CA bath mixer, wall mounted with diverter. Heavy pattern 20mm. ¾" BSP male inlet. SANS 226 TYPE 1	No	4		
29	Shower set "Code 3338SB026/065" with two hole pillar spout, side valve, aerated outlet, flexible connection for wide range of centre distances or other approved	No	1		
30	"WALCRO CIRS Hexs" overhead ceiling shower with resistant valve or other similar approved (at cells)	No	4		
31	"WALCRO no 104C" brass back entry toilet flush valve with integral vacuum breaker and modified push rod connector or other similar approved	No	4		
32	"WALCRO 150" push button metering non hold open valve as "Prison Type" with extension ring or other similar approved	No	4		
BUILDING WORKS					
Bill No. 15					
PLUMBING AND DRAINAGE (PROVISIONAL)					

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

SANITARY PLUMBING

SABS approved uPVC pipes or other similar approved

33	Carefully cut through existing concrete surface bed +/- 80mm thick; and lay 50mm pipes in trenches, including excavation, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep	m	13
34	Carefully cut through existing concrete surface bed +/- 80mm thick; and lay 100mm pipes in trenches, including excavation, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep	m	35
35	50mm Pipe fixed in walls, ceilings, roofs, floors, etc including repair in all trades	m	50
<u>Extra over uPVC pipes for SABS approved fittings:</u>			
36	50mm Bend	No	47
37	50mm T-junction	No	21
38	50mm Bend with cleaning eye	No	15
39	50mm Flexi connector	No	14
40	50mm Flexi connection	No	24
41	110mm Access bend.	No	19
42	110mm Pan connector.	No	16
43	100mm Access bend with anti-syphon horn	No	14
44	100mm Access bend	No	8
45	100mm "GI Two-way" vent valve	No	16
<u>Sundries</u>			
46	Testing drainage and waste pipe system	No	9

BUILDING WORKS
Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>WATER SUPPLY</u>			
<u>Class 2 copper pipes</u>			
47	15mm Pipes	m	100
48	15mm Pipes chased into brick walls, including making good	m	66
49	22mm Pipes	m	59
50	22mm Pipes chased into brick walls, including making good	m	53
51	38mm Pipes chased into brick walls, including making good (toilet at cells)	m	20
<u>"DELIKON" Stainless steel braided flexi hose or similar approved</u>			
52	15mm flexi hose	No	35
<u>Extra over class 2 copper pipes for capillary fittings</u>			
53	15 mm Elbow	No	101
54	15 mm Tee	No	72
55	22mm to 15mm Reducing tee	No	55
56	22mm to 15mm Reducing elbow	No	38
57	22mm to 15mm Reducing straight	No	26
58	22 mm Elbow	No	48
59	22 mm Tee	No	38
60	38 x 22 x 15mm Reducing Tee	No	5
<u>Taps, valves, etc including joints to pipes and/or fittings</u>			
61	20mm Approved lockable gate valve	No	1
BUILDING WORKS			
Bill No. 15			
PLUMBING AND DRAINAGE (PROVISIONAL)			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

WATER HEATERS

ELECTRIC WATER HEATERS

"Approved"

- 62 200L Geyser on roof trusses

No

1

0.6mm Galvanised sheet steel

- 63 500 x 1200mm Drip tray with 100mm high upstand with top edge bent over all round including 50mm diameter overflow pipe 5m long approximately 3m above ground level

No

1

"Kwikot" or other similar approved

- 64 150 Litre Slimline 600 dual wall mounted electric water heater (Code:ESG-150)

No

3

- 65 200 Litre Slimline 600 dual wall mounted electric water heater (Code:ESG-200)

No

1

Valves, etc.

- 66 Pressure safety relief valve including 20mm female drain cock with inlet compression

No

4

- 67 15mm Vacuum breaker (Code: KH 150CXN)

No

6

- 68 15mm Vacuum breaker (Code: KH 200CXN)

No

1

- 69 15mm 400kPa multi control expansion relief valve
(Code: KHN3-204)

No

4.

- | | |
|----|-----------------------|
| 70 | 15mm Fullway ballcock |
|----|-----------------------|

No

1

- 71 Vacuum breaker

No

1

- 72 400 kPa pressure reducing valve

No

1

WATER HEATER

BUILDING WORKS
Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)

E

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Heat pumps, etc. Including connection to water pipes and electrical supply</u>					
73	Supply and install 5KW Heat pump	No	1		
<u>TESTING</u>					
74	Testing water pipe system (Block A,D,E,F,G,J,K and L)		Item		
<u>FIRE APPLIANCES ETC</u>					
<u>"Chubb" or other similar approved</u>					
75	9kg Dry chemical fire extinguisher (Provisional)	No	33		
<u>HOLES ETC</u>					
<u>Core drilling of hole for pipe exceeding 50mm and not exceeding 100mm diameter including making good in all trades (paintwork elsewhere)</u>					
76	110mm Brick wall, etc	No	2		
77	220mm Brick wall, etc	No	20		
<u>Core drilling of hole for pipe not exceeding 50mm diameter including making good in all trades (paintwork elsewhere)</u>					
78	110mm Brick wall, etc	No	16		
79	220mm Brick wall, etc	No	21		
BUILDING WORKS					
Bill No. 15					
PLUMBING AND DRAINAGE (PROVISIONAL)					

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 15

PLUMBING AND DRAINAGE (PROVISIONAL)

COLLECTION PAGE

Page
No

Amount
R

148

149

150

151

152

153

154

155

156

Carried to Summary of Section No.

BUILDING WORKS

Bill No. 15

PLUMBING AND DRAINAGE (PROVISIONAL)

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Item No		Quantity	Rate	Amount R
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 16</u>			
	<u>GLAZING</u>			
	-WORK GROUP 150-			
	<u>GLAZING TO STEEL (PROVISIONAL)</u>			
	<u>4mm Clear float glass</u>			
1	Panes exceeding 0,1m ² and not exceeding 0,5m ²	m ² 144		
	<u>6.4mm Clear safety glass</u>			
2	Panes exceeding 0,1m ² and not exceeding 0,5m ²	m ² 12		
	<u>6.4mm Laminated glass</u>			
3	6.4mm Laminated glass panel of size 600 x 900mm high fixed with and including neoprene gasket	No 1		
4	6.4mm Laminated glass panel of size 388 x 2040mm high fixed with and including neoprene gasket	No 1		
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
	<u>5mm Silvered float glass copper backed mirrors with 10mm bevelled and polished edges and fixed with double sided tape to brickwork, tiles, concrete or timber</u>			
5	Mirror 350 x 900mm high with chamfered and polished edges to comply with SABS 1236, class A	No 11		
	<u>Sundries</u>			
	<u>Approved Putty</u>			
6	Putty in existing external steel window frames (Removal elsewhere measured) (Provisional)	m 37		
	Carried to Summary of Section No.			
	BUILDING WORKS			
	Bill No. 16			
	GLAZING			
			R	

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

**Item
No**

SECTION NO. 2

BILL NO. 17

PAINTWORK

-WORK GROUP 152-

SUPPLEMENTARY PREAMBLES

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

Previously painted metal surfaces

Previously painted metal surfaces
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal

Previously painted wood surfaces

Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth.

General

Where a specific trade name is specified, the primer and/or undercoats must be of the same product or other approved. All coats and paints must be applied in accordance with the manufactures instructions.

BUILDING WORKS
Bill No. 17
PAINTWORK

Quantity

Rate

**Amount
R**

R

<u>PAINTWORK, ETC TO NEW WORK ON</u>							
<u>ON FLOATED PLASTER SURFACES</u>							
<u>One universal undercoat and two coats "Dulux Trade Ecosure Matt" or other similar approved (Colour to be determined by Architect)</u>							
1	Internal walls	m ²	1,742				
<u>One universal undercoat and two coats "Dulux weather guard" or other similar approved (Colour to be determined by Architect)</u>							
2	External walls	m ²	921				
<u>ON PLASTER BOARD SURFACES</u>							
<u>One universal undercoat and two coats "Dulux" High Sheen Acrylic paint or other similar approved (Colour to be determined by Architect)</u>							
3	Ceilings and cornices	m ²	458				
4	On bulkheads	m ²	3				
5	On partitioning	m ²	8				
<u>ON FIBRE-CEMENT SURFACES</u>							
<u>One universal undercoat and two coats "Dulux" High Sheen Acrylic paint or other similar approved (Colour to be determined by Architect)</u>							
6	On fascias and barge board (Measured both sides)	m ²	347				
<u>ON METAL</u>							
<u>Two coat steel primer universal undercoat and two coats "Dulux" wash 'n wear mat or other similar approved (Colour to be determined by Architect)</u>							
7	On gates, grilles, burglar screens, balustrade, etc (both sides measured over the full flat area)	m ²	112				
BUILDING WORKS							
Bill No. 17							
PAINTWORK							

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Factory coat Red Oxide Primer to be touched up on site, one coat universal undercoat and two coats "Dulux Pearlglow water clean up pure acrylic paint" or other similar approved (Colour to be determined by Architect)</u>			
8	On door frames	m ²	8	
	<u>Factory coat Zinc Phosphate Primer to be touched up on site, one coat universal undercoat and two coats "Plascon Wall and All" or other similar approved. Colour as per finishing schedule</u>			
9	On door	m ²	34	
	<u>Surfaces must be sanded and cleaned properly. One coat Etching primer, one coat universal undercoat and two coats non-drip enamel</u>			
10	On rails, bars, pipes, etc not exceeding 300mm girth	m	23	
	<u>ON WOOD</u>			
	<u>One coat universal undercoat and two coats "Dulux Pearlglow water clean up pure acrylic paint" or other similar approved. Colour as per finishing schedule</u>			
11	On doors	m ²	95	
	<u>Three coats approved double life timbavarnish clear mat, lightly sanded between coats leaving surface clean and dust free and strictly in accordance with manufacturer's specifications</u>			
12	On doors	m ²	40	
	<u>Three coats approved Polyurethane clear mat varnish, lightly sanded between coats and strictly in accordance with manufacturer's specifications</u>			
13	On doors	m ²	90	
14	On seating	m ²	1	
15	On Skirtings, rails, etc not exceeding 300mm girth	m	90	
				R
	BUILDING WORKS			
	Bill No. 17			
	PAINTWORK			

<u>PAINTWORK ETC TO EXISTING WORK</u>			
<u>ON FLOATED PLASTER</u>			
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux Trade Ecosure Matt" or other similar approved, on work in good condition (Colour to be determined by Architect)</u>		
16	Internal walls	m ²	910
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux Trade Ecosure Matt" or other similar approved, on work in bad condition (Colour to be determined by Architect)</u>		
17	Internal walls	m ²	227
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux weather guard" or other similar approved, on work in good condition (Colour to be determined by Architect)</u>		
18	External walls	m ²	27
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux weather guard" or other similar approved, on work in bad condition (Colour to be determined by Architect)</u>		
19	External walls	m ²	106
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux Trade Ecosure Matt" or other similar approved, on work in good condition (Colour to be determined by Architect)</u>		
20	External walls	m ²	96
BUILDING WORKS			
Bill No. 17			
PAINTWORK			

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat primer and two coats "Dulux Trade Ecosure Matt" or other similar approved, on work in bad condition (Colour to be determined by Architect)</u>				
21	External walls	m ²	385		
	<u>ON FIBRE-CEMENT</u>				
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one universal undercoat and two coats "Plascon Double Velvet" High Sheen Acrylic paint or other similar approved, on work in good condition (Colour to be determined by Architect)</u>				
22	On window sills, not exceeding 300mm wide	m	95		
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one undercoat 'StonCor Pro-Struct 689 primer' and two coats "Pro-Struct 684/4 Muraflex" or other similar approved, on work in good condition (Colour to be determined by Architect)</u>				
23	On window sills, not exceeding 300mm wide	m	95		
	<u>ON SMOOTH CONCRETE</u>				
	<u>Remove all loose paint, wash down with sugar soap, fill cracks with suitable filler, sand down to smooth surface, one coat primer, one undercoat and two coats super acrylic PVA paint or other similar approved, on work in bad condition (Colour to be determined by Architect)</u>				
24	On ceilings	m ²	145		
BUILDING WORKS Bill No. 17 PAINTWORK				R	

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

ON METAL

<u>Wash down with sugar soap, rinse with clean water, sand down, apply anti rust where necessary and apply one coat undercoat and two coats "Dulux Pearlqlo" or other similar approved acrylic paint (Colour to be determined by Architect)</u>		
25	On gates, grilles, burglar screens, balustrade, etc (both sides measured over the full flat area)	m ² 90
26	Louvres (both sides measured over the full flat area)	m ² 15
27	Overhead grills (both sides measured over the full flat area)	m ² 225
<u>Factory coat Zinc Phosphate Primer to be touched up on site, one coat universal undercoat and two coats "Dulux Pearlqlo Water Clean-up pure acrylic paint" or other similar approved. Colour as per finishing schedule, in work in good condition</u>		
28	On door frames	m ² 50
29	On door	m ² 48
<u>Factory coat Zinc Phosphate Primer to be touched up on site, one coat universal undercoat and two coats "Dulux Pearlqlo Water Clean-up pure acrylic paint" or other similar approved. Colour as per finishing schedule, in work in bad condition</u>		
30	On door frames	m ² 28
<u>Wash down with sugar soap, rinse with clean water, sand down to a smooth surface, apply anti rust where necessary and one coat steel factory primer and two coats non drip enamel paint on steel in bad condition</u>		
31	On windows (measured both sides on flat)	m ² 120

BUILDING WORKS
Bill No. 17
PAINTWORK

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

	<u>Wash down with sugar soap, rinse with clean water, sand down to a smooth surface, apply anti rust where necessary and one coat universal undercoat and two coats Non-drip Enamel paint on steel in good condition</u>				
32	On windows (measured both sides on flat)	m ²	180		
	<u>ON WOOD</u>				
	<u>Sand down existing timber, fill holes and indentations, sand down lightly and one approved sealer coat (all sides) and three coats Polyurethane varnish strictly in accordance with manufacturer's specifications, on work in good condition</u>				
33	On timber roof beams, including 19mm Quarter round	m ²	11		
	<u>Sand down existing timber, fill holes and indentations, sand down lightly and one approved sealer coat (all sides) and three coats Polyurethane varnish strictly in accordance with manufacturer's specifications, on work in bad condition</u>				
34	On timber roof beams, including 19mm Quarter round	m ²	5		
	<u>Sand down existing timber, fill holes and indentations. Surface must be sound, dry and stable, apply two coat "Dulux Clear Timbavarnishor" or other similar approved in work in good condition</u>				
35	On doors	m ²	113		
36	On Windows	m ²	24		
	<u>Sand down existing timber, fill holes and indentations. Surface must be sound, dry and stable, apply two coat "Dulux Clear Timbavarnishor" or other similar approved in work in bad condition</u>				
37	On doors	m ²	8		
BUILDING WORKS Bill No. 17 PAINTWORK				R	

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

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DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 17

PAINTWORK

COLLECTION PAGE

Page
No

Amount
R

159

160

161

162

163

164

165

166

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 17
PAINTWORK

R

SAPS REPAIR AND RENOVATIONS

Item No	Quantity	Rate	Amount R
SECTION NO. 2			
BILL NO. 18			
EXTERNAL WORKS			
ROAD SIGNS			
-WORK GROUP 136-			
Paraplegic sign			
1	400 x 400 x 0,6mm Thick Chromadek paraplegic sign fixed to steel pole	No	1
2	50mm Diameter galvanised steel pole 2,5m high with and including concrete base 300 x 300 x 300mm and necessary excavations, etc	No	1
PAINTWORK			
Road signs			
3	Standard "STOP" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including and necessary excavation, paint finish, etc	No	1
4	Standard "DISABLED PARKING" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including and necessary excavation, paint finish, etc	No	1
5	Standard "10KM SPEED LIMIT" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including and necessary excavation, paint finish, etc	No	1
-WORK GROUP 152-			
			R
BUILDING WORKS			
Bill No. 18			
EXTERNAL WORKS			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Road marking paint application rate 1.2mm, premix bead application rate 35%, initial coefficient of retro-reflective (MINICANDELAS/LUX/SQM)200</u>				
6	Road line 100mm wide	m	60	
7	Traffic arrow 4,00 x 0,70m wide	No	1	
8	Road marking 4.0 x 3.0m wide with the letter "STOP"	No	1	
9	Road marking 4.0 x 3.6m wide with the "DISABLED PARKING" in yellow	No	1	
10	Light vehicle loading zone marking 7,00 x 6,50m wide	No	1	
<u>FENCING</u>				
-WORK GROUP 136-				
<u>"Devils fork" or other similar approved security fencing with two 50 x 50 x 3mm square tubing horizontal members and 40 x 40 x 3mm angle iron spikes each welded to 74 x 50 x 3mm thick flat bar to be once holed to be bolted to top and bottom horizontal members with and including M10 bolt with shear nut including red oxide treatment, one undercoat and two coats high gloss alkyd enamel paint finish</u>				
11	Security fencing 1878m high consisting of 3m panels; each panel formed of nineteen vertical 40 x 40 x 3mm thick angle iron pales welded to two 74 x 50 x 3mm thick flat bar once holed bolted to two 50 x 50 x 3mm angle section horizontal rails with M10 shear nuts and 100 x 55 x 5mm IPE section post in and including 500 x 500 x 500mm deep concrete base with one anti-sag support bracket in and including 300 x 300 x 4mm base plate welded to 100 x 55 x 54mm IPE post	m	670	
12	Sliding gate 5000 x 1878mm high; formed of nineteen vertical 40 x 40 x 3mm thick angle iron pales welded to two 74 x 50 x 3mm thick flat bar once holed bolted to two 100 x 50 x 5mm hollow section horizontal rails with M10 shear nuts between three 100 x 50 x 3mm hollow section gate frame including three approved roller wheels and 10mm diameter steel rod handle welded to outer frame	No	4	
BUILDING WORKS Bill No. 18 EXTERNAL WORKS				R

SAPS REPAIR AND RENOVATIONS

BUILDING WORKS
Bill No. 18
EXTERNAL WORKS

SAPS REPAIR AND RENOVATIONS

BUILDING WORKS
Bill No. 18
EXTERNAL WORKS

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 2

BUILDING WORKS

Bill No. 18

EXTERNAL WORKS

COLLECTION PAGE

Page
No

168

169

170

171

Amount
R

Carried to Summary of Section No.

BUILDING WORKS
Bill No. 18
EXTERNAL WORKS

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Section No. 2	
BUILDING WORKS	
<u>SECTION SUMMARY - BUILDING WORKS</u>	
Bill No	
1	DEMOLITIONS
2	ALTERATIONS
3	EARTHWORKS (PROVISIONAL)
4	CONCRETE, FORMWORK AND REINFORCEMENT
5	MASONRY
6	WATERPROOFING
7	ROOF COVERINGS
8	CARPENTRY AND JOINERY
9	CEILINGS ETC
10	IRONMONGERY
11	STRUCTURAL STEELWORK
12	METALWORK
13	PLASTERING
14	TILING
15	PLUMBING AND DRAINAGE (PROVISIONAL)
16	GLAZING
17	PAINTWORK
18	EXTERNAL WORKS
Carried to Final Summary	
BUILDING WORKS	

Page No	Amount R
56	
68	
73	
78	
83	
86	
89	
115	
119	
128	
131	
141	
144	
147	
157	
158	
167	
172	
R	

SECTION NO 3:
SITE WORKS

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No		Quantity	Rate	Amount R
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 1</u>			
	<u>STORM WATER DRAINAGE</u>			
	<u>(PROVISIONAL)</u>			
	-WORK GROUP 146-			
	<u>STORM WATER DRAINAGE</u>			
	<u>APRONS, RAMPS, ETC</u>			
	<u>BULK EXCAVATION, FILLING, ETC</u>			
	<u>Excavation in earth below natural ground level for apron</u>			
1	Excavations to reduce levels for apron	m³	204	
	<u>Extra over all excavation in earth for excavation in</u>			
2	Soft rock	m³	20	
3	Hard rock	m³	10	
	<u>Risk of collapse of excavations</u>			
4	Sides of trench and hole excavations not exceeding 1,5m deep	m²	203	
	<u>Extra over all excavations for carting away</u>			
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m³	209	
	<u>Compaction of surfaces</u>			
6	Compaction of ground surface ramps and aprons etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m²	486	
	SITE WORKS			
	Bill No. 1			
	STORMWATER			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Earth filling supplied by the contractor under ramps and aprons, etc</u>			
7	150mm G6 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density	m³	73
8	150mm C4 material in accordance with SABS 1200 DM compacted to 98% Mod AASHTO density	m³	73
<u>Keeping excavations free of water</u>			
9	Keeping excavations free of all water	Item	
<u>Prescribed density tests on filling</u>			
10	"Modified AASHTO Density" test	No	1
<u>Approved weedkiller and ant poisoning mixed and applied in the proportion as per manufacturers specifications</u>			
11	Under concrete apron etc	m²	486
<u>Concrete, Formwork and Reinforcement</u>			
<u>25MPa/19mm Reinforced concrete cast against excavated material</u>			
12	Ramps and aprons with thickening out at outer edge	m³	58
<u>Finishing top surfaces of concrete with a wooden float to an evenly surface</u>			
13	Ramps and aprons to falls	m²	486
14	Round top corners of concrete apron with a nosing tool	m	471
<u>Joint forming material in movement joints</u>			
15	12mm Soft board built in vertically between concrete in aprons at 1800mm centres	m²	73
16	12mm Soft board built in vertically between concrete in aprons and adjoining walls	m²	67
SITE WORKS			
Bill No. 1			
STORMWATER			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

17	Remove 12 x 150mm high soft board dividing strips completely and fill with approved bitumen within 12mm of finished surface	m	405	
	<u>Rough Formwork to Sides:</u>			
18	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	471	
	<u>Storm Water Channels</u>			
	<u>Approved weedkiller and ant poisoning mixed and applied in the proportion as per manufacturers specifications</u>			
19	Under concrete apron, V-shaped storm water channel, etc	m ²	26	
	<u>Waterproofing</u>			
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape" or similar approved</u>			
20	Under surface beds	m ²	26	
	<u>In-situ V-drain channels</u>			
21	V-shaped channel; overall 800mm wide x 250mm deep and average 200mm thick concrete on 150mm G5 material to 95% Mod AASHTO bedding in salient edges and finished with a steel float on exposed surfaces with 2:14 cement mortar, laid to falls in panels not exceeding 2m long with 12mm bitumen impregnated soft board with Polyethylene tape bond breaker movement joints; the exposed edges raked out for a depth of 20mm and filled with gungrade Polysulphide joint sealant, including necessary excavations; the excavations to be V-shaped of average 1500mm wide x 250mm extreme depth and scarifying 150mm and compacted earth to 93% Mod AASHTO, to accommodate the channel and store excavated material in fill for re-use elsewhere.	m	32	
	<u>Joint forming material in movement joints</u>			
22	10mm Expansion joints with soft board through concrete bottoms of channels not exceeding 300mm high	m ²	19	
SITE WORKS Bill No. 1 STORMWATER				R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>The following in spilling basin</u>				
<u>Excavations</u>				
23	Excavations in earth not exceeding 2m deep	m³	1	
24	Excavate in compacted material not exceeding 2m deep	m³	0.4	
<u>Extra over all excavation in earth for excavation in</u>				
25	Soft rock	m³	0.1	
<u>Risk of collapse of excavations</u>				
26	Risk of collapse of sides of excavation not exceeding 1.5m deep	m²	4	
<u>Earth filling G5 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>				
27	Under floors, steps, pavings, etc	m³	1	
<u>Approved weedkiller and ant poisoning mixed and applied in the proportion as per manufacturers specifications</u>				
28	Under concrete spilling basin, etc	m²	2	
<u>Extra over all excavations for carting away</u>				
29	Surplus material from excavations and/or stock piles set aside for filling elsewhere	m³	1	
<u>Concrete, Formwork and Reinforcement</u>				
30	35Mpa/19mm Reinforced concrete in bottoms and sides of spilling basin	m³	1	
31	Formwork to edges not exceeding 300mm high	m	4	
<u>Sundries</u>				
32	Hard burnt bricks size 440 x 220mm laid in concrete	No	11	
33	Natural 150-200mm diameter stones	m³	1	
SITE WORKS				
Bill No. 1				
STORMWATER				
				R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 3

SITE WORKS

Bill No. 1

STORMWATER

COLLECTION PAGE

Page
No

174

175

176

177

Amount
R

Carried to Summary of Section No.

SITE WORKS
Bill No. 1
STORMWATER

R

Item No		Quantity	Rate	Amount R
<u>SECTION NO. 3</u>				
<u>BILL NO. 2</u>				
<u>SOIL DRAINAGE (PROVISIONAL)</u>				
-WORK GROUP 146-				
NOTE : Backfilling of trenches must be compacted to 95% Mod AASHTO density				
<u>SOIL DRAINAGE</u>				
<u>Class 34 / uPVC drain pipes with flexible couplings as per SANS 1601 on Class B bedding</u>				
1	100mm Pipes laid in and including trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material exceeding 1m but not exceeding 2m deep	m	20	
2	100mm Pipes laid in and including trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep	m	80	
3	160mm Pipes laid in and including trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep	m	83	
4	160mm Pipes laid in and including trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material exceeding 1m but not exceeding 2m deep	m	101	
<u>SABS approved uPVC pipes or other similar approved</u>				
5	50mm Pipe	m	92	
6	50mm Pipe fixed in walls, ceilings, roofs, floors, etc including repair in all trades	m	10	
				R
SITE WORKS Bill No. 2 SOIL DRAINAGE				

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

7	100mm Pipe fixed in walls, ceilings, roofs, floors, etc including repair in all trades	m	100		
<u>Extra over uPVC pipes for SABS approved fittings</u>					
8	100mm Bend	No	55		
9	100mm Junction	No	14		
10	100mm Access junction	No	18		
11	100mm Access bend	No	2		
12	100mm Y- junction	No	5		
13	100mm T- junction	No	17		
14	100mm "GI Two-way" vent valve	No	4		
15	100mm Access bend with anti-syphon horn	No	2		
16	100mm Vent pipe cover	No	18		
17	160mm Y- junction	No	5		
18	160mm T- junction	No	13		
19	160mm Bend	No	13		
20	160mm Access junction	No	9		
21	160 to 100mm Reducing bend	No	9		
22	160 to 100mm Reducer	No	14		
<u>Sundries</u>					
23	Wire balloon grating in top of pipe not exceeding 100mm diameter	No	18		
24	Cut into existing septic and connect new 100mm uPVC pipe to septic tank and repair in all trades	No	3		
SITE WORKS Bill No. 2 SOIL DRAINAGE				R	

Guileys

- No

20

26	760 x 760mm Heavy duty cast iron manhole cover and frame
----	--

No

6

27 Inspection chamber 600 x 850mm or 1050mm diameter (internal measurement) precast Rocla or similar approved ring and exceeding 1m and not exceeding 2m deep on 230mm 25MPa/19mm concrete bottom, with 150mm 25MPa/19mm concrete slab, finished on exposed surfaces in untinted cement paving with angles rounded, with rebated opening for and including 450 x 600mm cast iron cover and frame, the bottom benched up in fine 25MPa/19mm concrete finished smooth in cement plaster (1:1) including channel, channel bends and channel junctions

No

6

- 28 20mm Diameter galvanized steel rod step iron 450mm
long built in across corner of chamber

No

6

- 29 Lifting key for manhole cover

No

6

30 Cutting into existing 160mm drain pipe for and forming
junction with 160mm pipe

No

3

- 31 Extra over all excavations for carting away surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor

 m^3

14

- 32 Risk of collapse of excavations to sides of trench and hole excavations exceeding 1.5m deep

 m^2

251

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

33	Selected Earth filling obtained from the excavations and/or prescribed stock piles on site, including compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density	m ³	77		
<u>THE FOLLOWING IN SEPTIC TANK</u>					
<u>Earthworks</u>					
<u>Excavation in earth not exceeding 2m deep below natural ground level</u>					
34	Bases	m ³	26		
<u>Extra over all excavations for carting away</u>					
35	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	24		
<u>Risk of collapse of excavations</u>					
36	Sides of trench and hole excavations exceeding 1,5m deep	m ²	30		
<u>Selected Earth filling obtained from the excavations and/or prescribed stock piles on site, including compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>					
37	Backfilling to trenches, holes, etc	m ³	2		
<u>Compaction of surfaces</u>					
38	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and including compacting to 93% Mod AASHTO density	m ²	16		
<u>Soil Insecticide</u>					
39	Under floors etc, including forming and poisoning shallow furrows etc, filling in furrows and ramming	m ²	13		
<u>Concrete, Formwork and Reinforcement</u>					
 SITE WORKS Bill No. 2 SOIL DRAINAGE					
				R	

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>30MPa concrete made with dolomite aggregate</u>			
40	Surface beds on waterproofing	m ²	3
41	Concrete wall	m ²	4
42	Slabs	m ²	2
<u>Rough formwork to sides</u>			
43	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	14
<u>Rough formwork to soffits</u>			
44	Slabs propped up exceeding 1.5m high and not exceeding 3.5m high, exceeding 250mm not exceeding 500mm thick	m ²	13
45	Wall propped up exceeding 1.5m high and not exceeding 3.5m high, not exceeding 250mm	m ²	26
<u>High tensile steel reinforcement to structural concrete work</u>			
46	8-20mm Diameter bars	t	0.19
<u>Precast concrete</u>			
<u>Precast Concrete ring</u>			
47	Standard precast concrete ring, 1000mm diameter including medium duty cover slab, with 500mm diameter opening fit on concrete	No	1
<u>Plumbing and Drainage</u>			
<u>Gratings, covers, etc</u>			
48	600 x 600mm Cast iron grid inlet and frame Type:98	No	1
<u>uPVC pipes;</u>			
49	50mm Pipes fixed to walls, ceilings, roofs, floors, etc	m	1
50	110mm Pipes fixed to walls, ceilings, roofs, floors, etc	m	1
SITE WORKS			
Bill No. 2			
SOIL DRAINAGE			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Extra over uPVC pipes for fittings:

- | | |
|----|-------------------------------|
| 51 | 50mm T-fitting |
| 52 | 110mm "GI Two-way" vent valve |
| 53 | 110mm T-coupler |

No

1

No

1

No

1

Testing

- 54 Supply all the necessary apparatus, water, etc for and test the soil drainage system to the satisfaction of the Representative/ Agent and the Local Authority, rectify all defective work free of charge and leave in perfect order

Item

SITE WORKS
Bill No. 2
SOIL DRAINAGE

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 3

SITE WORKS

Bill No. 2

SOIL DRAINAGE

COLLECTION PAGE

Page
No

Amount
R

179

180

181

182

183

184

Carried to Summary of Section No.

R

SITE WORKS

Bill No. 2

SOIL DRAINAGE

**Item
No**

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>WATER SUPPLIES IN GROUND</u>					
<u>Water connection</u>					
1	Cutting into existing uPVC110mm Class 10 water supply pipe for and forming junction with 63mm pipe	No	5		
<u>HDPE polyethylene class 12 pipes with Plasson or other approved fittings</u>					
2	68mm Pipes laid in and including trenches, risk of collapse, approved back filling, compaction, etc not exceeding 1m deep	m	140		
3	Carefully cut through existing concrete surface bed +/- 80mm thick including 68mm pipes laid in trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep	m	27		
<u>UPVC class 9 pipes</u>					
4	90mm Pipes laid in and including trenches, risk of collapse, approved back filling, compaction, etc not exceeding 1m deep	m	189		
5	90mm Pipes laid in under surface bed and walls including cutting existing surface bed, trenches, risk of collapse, approved back filling, compaction and repairing surface bed	m	29		
<u>Extra over polyethylene pipes for plasson fittings</u>					
6	68mm Bends	No	25		
7	68mm T-junction	No	15		
<u>Extra over UPVC pipes for fittings</u>					
8	90mm Bends	No	32		
9	90mm T-junction	No	28		
10	68mm Bends	No	18		
11	68mm T-junction	No	8		
SITE WORKS					
Bill No. 3					
BULK WATER SUPPLY					

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Taps, valves, etc including joints to pipes and/or fittings</u>		
12	90mm Brass fullway gate valve, including joints to pipes, fittings and concrete chamber 900 x 750 x 1000mm deep including cast iron frame and cover 600 x 450mm	No	2
13	68mm Brass fullway gate valve, including joints to pipes, fittings and concrete chamber 900 x 750 x 1000mm deep including cast iron frame and cover 600 x 450mm	No	3
14	90mm Approved wafer type non-return valve	No	2
15	68mm Approved wafer type non-return valve	No	4
	<u>Core drilling of hole for pipe exceeding 50mm and not exceeding 100mm diameter including making good in all trades (paintwork elsewhere)</u>		
16	220mm Brick wall, etc	No	4
	<u>TESTING</u>		
17	Testing water pipe system		Item
	<u>THE FOLLOWING IN WATER TANK BASE</u>		
	<u>Earthworks</u>		
	-WORK GROUP 104-		
18	Excavation not exceeding 2m deep	m³	10
19	Extra over excavation in earth for footing to water tank for excavation in soft rock	m³	1
20	Extra over excavation in earth for footing to water tank for excavation in hard rock	m³	0.5
21	Extra over all excavations for carting away surplus material to a dumping site to be located by the Contractor	m³	10
22	Risk of collapse to sides of excavations in trenches, holes, etc, from ground level to exceeding 1,5m deep	m²	9
	SITE WORKS		
	Bill No. 3		
	BULK WATER SUPPLY		

SAPS REPAIR AND RENOVATIONS

SITE WORKS
Bill No. 3
BULK WATER SUPPLY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

STRUCTURAL STEELWORK

STEEL STAND ETC

- WORK GROUP 134 -

**The following in welded and bolted support stand
for water tank**

31	254 x 146 x 37kg/m I-section beam	t	4
32	140 IPE Section	t	1
33	60 x 60 x 6mm Equal angle	t	0.98
34	16mm Base plate	t	0.10

Bolts to columns, beams, plates etc

35	M 20 anchor bolt in concrete	No	16
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Welded walkway to frame

36	4460 x 5520mm RS 40 Steel grid walkway with non slip dimples	t	1.06
----	---	---	------

**The following in welded and bolted cat ladder for
water tank**

37	20mm Thick Diameter mild steel rungs spaced at 300mm centres vertically and welded to ladder stringers (elsewhere measured)	t	0.06
38	70 x 70 x 8mm Thick mild steel ladder stringers vertically with steel rungs (elsewhere measured)	t	0.41
39	70 x 70 x 8mm Equal angle	t	0.07
40	50 x 8mm Thick mild steel circular hoops and verticals welded	t	0.11
41	50 x 8mm Thick mild steel fixing plates and horizontals welded	t	0.14
42	16mm Diameter "Hilti" expansion bolt	No	4
43	100 x 50 x 8mm Flat plate twice holed for bolt	No	2

SITE WORKS
Bill No. 3
BULK WATER SUPPLY

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

METALWORK

-WORK GROUP 136-

Mild steel balustrades to structural steel and concrete

- 44 50mm Diameter tubular continuous horizontal handrail welded to 20mm Diameter tubular verticals 50mm long to and including 50mm Diameter tubular vertical mild steel balustrade pole at 905mm centres, with 6 x 20mm Diameter tubular horizontal rods welded to post at 130mm centres, with posts welded to 20mm flanges around post and flanges fixed to steel structure including ramps, knees, ends, mitred corners, welding, drilling holes, bolting etc

m

13

EARTHWORKS

-WORK GROUP 104-

Excavation in earth not exceeding 2m deep below natural ground level

- 45 Bases

m³

0.2

- 46 Trenches

m³

0.3

Extra over all excavations for carting away

- 47 Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor

m³

0.4

Risk of collapse of excavations

- 48 Sides of trench and hole excavations not exceeding 1,5m deep

m²

2

Compaction of surfaces

- 49 Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density

m²

1

SITE WORKS

Bill No. 3

BULK WATER SUPPLY

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Soil Insecticide in accordance with SANS 5859</u>					
50	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	1		
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>					
-WORK GROUP 110-					
<u>25MPa/19mm concrete</u>					
51	Surface beds	m ³	0.2		
52	Trenches	m ²	0.1		
<u>Finishing top surfaces of concrete smooth with a power float</u>					
53	Surface beds, slabs, etc	m ²	1		
<u>MASONRY</u>					
-WORK GROUP 118-					
<u>Brickwork of NFX clay bricks (14 MPa nominal compressive strength) in class II mortar in foundation</u>					
54	One brick walls (Provisional)	m ²	0.3		
<u>Brickwork of NFP bricks in class II mortar</u>					
55	One brick walls	m ²	1		
<u>Brickwork reinforcement</u>					
56	75mm Wide reinforcement built in horizontally	m	3		
<u>PAINTWORK</u>					
-WORK GROUP 152-					
<u>Paintwork on Metal</u>					
SITE WORKS					
Bill No. 3					
BULK WATER SUPPLY					
				R	

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Surfaces must be sanded and cleaned properly. One coat Etching primer, one coat universal undercoat and two coats non-drip enamel</u>					
57	On steel structure	m ²	212		
<u>PIPING FOR WATER TANK</u>					
-WORK GROUP 148-					
<u>Galvanised steel pipe in made up lengths</u>					
58	80mm Diameter flanged pipes fixed to steel structure	m	44		
59	80mm Diameter flanged pipes laid in trenches not exceeding 2m deep	m	9		
<u>Galvanised steel pipe in made up lengths</u>					
60	100mm Diameter flanged pipes fixed to steel structure	m	47		
<u>Extra over 80mm diameter galvanised pipe for fittings</u>					
61	Special 90° long radius bend with one 100mm long extension	No	1		
62	Special 45° long radius bend	No	6		
63	Connections of two flanges each at connections	No	38		
<u>Extra over 100mm diameter galvanised pipe for fittings</u>					
64	Special 90° long radius bend with one 100mm long extension	No	1		
65	Special 45° long radius bend	No	2		
66	100 - 200mm flanged pipe special elbow	No	1		
67	RSV gate valve (long) VAG	No	1		
68	Flange adaptor to UPVC pipe	m	3		
69	Flanged pipe special shot T adaptor	m	1		
SITE WORKS					
Bill No. 3					
BULK WATER SUPPLY					

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

70	Connections of two flanges each at connections	No	36
	<u>Testing</u>		
71	Supply all the necessary apparatus, water, etc for and test the water tank to the satisfaction of the Principal Agent and the consulting engineer, rectify all defective work free of charge and leave in perfect order		Item
	<u>WATER TANK</u>		
	<u>"Abeco" or other similar approved</u>		
72	21KL "Abeco" galvanised steel tank including installation on steel stand (steel stand and base elsewhere measured)	No	1
<div style="text-align: right;">R</div>			
SITE WORKS Bill No. 3 BULK WATER SUPPLY			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 3

SITE WORKS

Bill No. 3

BULK WATER SUPPLY

COLLECTION PAGE

Page
No

Amount
R

186

187

188

189

190

191

192

193

194

Carried to Summary of Section No.

R

SITE WORKS

Bill No. 3

BULK WATER SUPPLY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 3</u>			
<u>BILL NO. 4</u>			
<u>PARKING AND PAVING (PROVISIONAL)</u>			
NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density			
<u>THE FOLLOWING IN PAVING</u>			
-WORK GROUP 104-			
<u>Open face excavation for paving</u>			
1	Open face excavation to reduce levels	m³	487
<u>Extra over all excavation in earth for excavation in</u>			
2	Soft rock	m³	49
3	Hard rock	m³	24
<u>Extra over all excavations for carting away</u>			
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m³	406
<u>Compaction of surfaces</u>			
5	Compaction of ground surface under paving etc including ripping of in situ layer for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m²	1,353
<u>Clear river sand supplied by the contractor compacted in layers not exceeding 20mm thick to 93% Mod AASHTO density</u>			
6	Under paving etc	m³	41
			R
SITE WORKS Bill No. 4 PARKING AND PAVING			

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

	<u>Earth filling C4 (material stabilized with 4% cement) supplied by contractor, compacted in layers not exceeding 150mm thick to 98% Mod AASHTO density</u>		
7	Under floors, steps, pavings, etc	m³	203
	<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>		
8	Under floors, steps, pavings, etc	m³	203
	<u>Approved weedkiller mixed and applied in the proportion as per manufacturers specifications</u>		
9	Under paving etc	m²	1,353
	<u>60mm Thick interlocking paving blocks laid in accordance with SANS MJ and CMA concrete block manuals on 20mm (thickness of final compaction) crusher sand (preparation of ground or filling elsewhere) (Colour to be decided by Architect)</u>		
10	Paving laid in herringbone pattern	m²	1,353
11	200mm Edging on and including 200 x 150mm thick 15Mpa unreinforced concrete bedding including excavation, formwork, etc	m	176
	<u>Concrete kerb on edge to be laid and including concrete bedding, concrete haunching, excavation etc.</u>		
12	150 x 300mm High barrier kerbs	m	244
	<u>THE FOLLOWING IN EXTERNAL STAIRS</u>		
	<u>Earthworks</u>		
	-WORK GROUP 104-		
	<u>Excavation in earth not exceeding 2m deep below natural ground level (provisional)</u>		
13	Trenches	m³	1
	SITE WORKS Bill No. 4 PARKING AND PAVING		

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Extra over all excavation in earth for excavation in</u>				
14	Soft rock	m ³	0.1	
15	Hard rock	m ³	0.1	
<u>Extra over all excavations for carting away</u>				
16	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	1	
<u>Risk of collapse of excavations</u>				
17	Sides of trench and hole excavations not exceeding 1.5m deep	m ²	6	
<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 93% Mod AASHTO density</u>				
18	Backfilling to trenches, holes, etc	m ³	0.4	
<u>Compaction of surfaces</u>				
19	Compaction of ground surface in strip footing trenches, no exceeding 500mm wide, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m ²	2	
<u>Soil insecticide</u>				
20	To bottoms and sides of trenches etc	m ²	8	
<u>Concrete, Formwork and Reinforcement</u>				
-WORK GROUP 110-				
<u>25MPa/19mm Reinforced concrete cast against excavated material</u>				
21	Strip footings	m ³	1	
22	Surface beds, slabs, etc	m ³	2	
SITE WORKS				
Bill No. 4				
PARKING AND PAVING				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Test Cubes</u>					
23	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	2		
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
24	Surface beds, slabs, etc	m ²	3		
<u>Formwork</u>					
-WORK GROUP 111-					
<u>Rough Formwork to Sides</u>					
25	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	8		
<u>Masonry</u>					
-WORK GROUP 118-					
<u>Brickwork of NFX clay bricks (14 MPa nominal compressive strength) in class II mortar</u>					
26	One brick walls in foundations (Provisional)	m ²	3		
<u>Brickwork of NFP bricks in class II mortar</u>					
27	One brick walls in superstructure	m ²	1		
<u>Brickwork reinforcement</u>					
28	150mm Wide reinforcement built in horizontally in foundations (Provisional)	m	22		
29	150mm Wide reinforcement built in horizontally	m	8		
<u>"Stalton" pre-stressed fabricated lintels including necessary temporary support</u>					
30	110 x 75mm Lintels in lengths not exceeding 3m	m	33		
SITE WORKS					
Bill No. 4					
PARKING AND PAVING					

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Waterproofing</u>			
-WORK GROUP 120-			
<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
31	Under surface beds	m ²	3
<u>One layer of 250 micron "Consol Plastics Brickgrip DPC" embossed damp proof course</u>			
32	In walls	m ²	2
<u>External Plaster</u>			
-WORK GROUP 142-			
<u>Cement plaster on brickwork</u>			
33	On walls	m ²	2
<u>THE FOLLOWING IN GRAVEL SURFACE</u>			
<u>Earthworks</u>			
-WORK GROUP 104-			
<u>Open face excavation for gravel surface</u>			
34	Open face excavation to reduce levels	m ³	26
<u>Extra over all excavations for carting away</u>			
35	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	26
<u>Compaction of surfaces</u>			
36	Compaction of ground surface under paving etc including ripping of in situ layer for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m ²	170
SITE WORKS			
Bill No. 4			
PARKING AND PAVING			
			R

SAPS REPAIR AND RENOVATIONS

<u>Approved weedkiller mixed and applied in the proportion as per manufacturers specifications</u>		
37	Under gravel surface etc	m ² 170
<u>Gravel filling supplied by the contractor under paving etc</u>		
38	Over site of G5 material in accordance with SABS 1200 DM compacted to 93% AASHTO density in 150mm layers	m ³ 26
<u>Prescribed density tests on filling</u>		
39	"Modified AASHTO Density" test	No 1
<u>THE FOLLOWING IN STEEL PARKING BAYS</u>		
<u>Earthworks</u>		
-WORK GROUP 104-		
<u>Excavation in earth not exceeding 2m deep</u>		
40	Bases	m ³ 3
<u>Extra over all excavations for carting away</u>		
41	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³ 3
<u>Earth filling G6 supplied by contractor, compacted in layers not exceeding 150mm thick to 95% Mod AASHTO density</u>		
42	Under floors, steps, pavings, etc	m ³ 1
<u>Compaction of surfaces</u>		
43	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ² 5
SITE WORKS Bill No. 4 PARKING AND PAVING		

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Risk of collapse of excavations</u>			
44	Sides of trench and hole excavations not exceeding 1,5m deep	m ²	20
<u>Keeping excavations free of water</u>			
45	Keeping excavations free of all water other than subterranean water	Item	
<u>Soil Insecticide</u>			
46	To bottoms and sides of base etc	m ²	25
<u>Concrete, Formwork and Reinforcement</u>			
-WORK GROUP 110-			
<u>25MPa/19mm Unreinforced concrete cast against excavated or concrete surfaces</u>			
47	Bases	m ³	2
<u>Test Blocks</u>			
48	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	1
<u>Roof Coverings</u>			
-WORK GROUP 124-			
<u>0.6mm "Klip-Lock" or other similar approved 275 spelter galvanised troughed sheet steel with "Globalcoat" finish on one side and "Globalcoat grey" finish on other side in single lengths fixed to steel purlins or rails and 0.5mm galvanised sheet steel accessories with "Chromadeck" finish on one side fixed strictly to manufacture's instructions with side and end laps sealed</u>			
49	Roof covering with pitch not exceeding 25 degrees	m ²	173
<u>0.8mm Galvanized sheet Iron with "Chromadek" finish on one side</u>			
50	600mm Cover flashing tucked into wall	m	18
SITE WORKS			
Bill No. 4			
PARKING AND PAVING			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

51	IBR flute closers	m	15		
52	Expanded polyethylene closers (poli-closers) for roofing flutes	m	15		
<u>Structural Steel</u>					
-WORK GROUP 134-					
<u>Framed and welded structure, columns and framing for carport structure</u>					
53	100 x 100 x 4.5mm Hollow section columns	t	0.56		
54	175 x 75 x 20 x 3mm Lipped channel beams	t	0.16		
55	200 x 75 x 20 x 3mm Lipped channel beams	t	0.14		
56	180 x 91 x 18.8 IPE Rafter	t	0.87		
<u>Purlins and girts bolted to steel</u>					
57	150 x 65 x 20 x 2.5mm Lipped channel purlins	t	0.36		
58	175 x 65 x 20 x 2.5mm Lipped channel purlins	t	0.56		
59	200 x 75 x 20 x 2.5mm Lipped channel purlins	t	0.35		
60	70 x 70 x 6mm L section	t	0.50		
61	80 x 80 x 6mm L section	t	0.20		
62	70 x 70 x 6mm L section cleats, 150mm Long and holed twice to receive bolts (Bolts elsewhere measured)	No	28.00		
63	125 x 75 x 8mm L section cleats, 200mm Long and holed twice to receive bolts (Bolts elsewhere measured)	No	18.00		
64	150 x 75 x 20 x 2.5mm Cleats, 200mm Long and holed twice to receive bolts (Bolts elsewhere measured)	No	12.00		
65	175 x 65 x 20 x 2.5mm Cleats, 200mm Long and holed twice to receive bolts (Bolts elsewhere measured)	No	20.00		
SITE WORKS					
Bill No. 4					
PARKING AND PAVING					

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Steel plates			
66	150 x 100 x 6mm Plate welded to column	No	14
67	300 x 300 x 10mm Base plate holed four times for expansion bolts (Bolts elsewhere measured)	No	14
68	600 x 91 x 8mm Plate holed ten times for expansion bolts at 40mm c/c including 100 x 100 x 8mm column cap plate (Bolts elsewhere measured)	No	14
69	Triangular haunch 600mm long formed from 180 IPE section	No	14
<u>Bolts to columns, beams, etc</u>			
70	M12 Rawl bolts	No	216
71	16mm Diameter expansion bolts	No	136
<u>Paintwork</u>			
-WORK GROUP 152-			
<u>Surfaces must be sanded and cleaned properly. One coat Etching primer, one coat universal undercoat and two coats non-drip enamel</u>			
72	On steel structure	m ²	102
73	On rails, bars, pipes, etc not exceeding 300mm girth	m	264
SITE WORKS			
Bill No. 4			
PARKING AND PAVING			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 3

SITE WORKS

Bill No. 4

PARKING AND PAVING

COLLECTION PAGE

Page
No

Amount
R

196

197

198

199

200

201

202

203

204

Carried to Summary of Section No.

R

SITE WORKS

Bill No. 4

PARKING AND PAVING

SECTION NO 4:
ELECTRICAL INSTALLATION

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Item
No

SECTION NO. 4

BILL NO. 1

**ELECTRICAL INSTALLATION
(PROVISIONAL)**

NOTICE TO TENDERERS

The tenderer for the principal contract shall submit additional information regarding the installer of the Electrical Installation together with the returnables enclosed with this part of the tender enquiry documents.

The Contractor, on acceptance of his tender for the principal contract, shall submit within the period stated, the information indicated on the forms following immediately after the Summary of the bills of quantities for this installation.

The Conditions of Contract and the application of Contract Price Adjustment Provisions (if applicable) shall be as set out in Part A: Section1: Preliminaries.

The descriptions in these bills of quantities shall be read in conjunction with the specifications.

The unit rate for each item in these bills of quantities shall include for all materials, labour, profit, transport, etc., necessary for the execution and complete installation of the work in accordance with the description.

These bills of quantities shall not be used for ordering purposes. The Contractor shall check the lengths of cables on site as well as quantities of all other material before ordering any such material. Any allowance for off-cuts or waste shall be made in the unit rates.

ELECTRICAL INSTALLATION
Bill No. 1
ELECTRICAL INSTALLATION

Quantity

Rate

Amount
R

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

All quantities in this bill are provisional and shall be adjusted on availability of the specification, design, layout and detail drawings to be supplied by the appointed electrical engineer prior to commencement of the applicable electrical works. This bill is therefore for pricing and tendering purposes and not for installation or design execution.

The rate shall exclude Value Added Tax and the total carried over to the final summary in Part A.

All material covered by Specification shall, wherever possible, be of South African manufacture.

Note: The complete installation must comply to the relevant SABS specifications and the Quality specification in this document. Therefore Tenderers are advised to study the "Specification of Materials and Drawings before pricing this Bill

Unless otherwise stated herein all items in this bill shall be deemed to fall into Work Group No.160 for CPAP purposes

Allow for the required material and labour to deliver a complete new electrical installation to the client

-WORK GROUP 160-

EXISTING ELECTRICAL INSTALLATION

SITE WORKS

SUPPLEMENTARY NOTES:

The attention of the tenderer is drawn to the fact that the work in this Section is to be executed only by specialist in this type of work and proof shall have to be submitted to the Representative/ Agent that the persons whom shall be executing the work, are indeed qualified for the task.

This portion is to be read together with the Detailed Specification and the Departments Quality Specification for Materials for Electrical Installations which forms part of this Section.

ELECTRICAL INSTALLATION
Bill No. 1
ELECTRICAL INSTALLATION

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>EXISTING POWER SUPPLY</u>			
1	Disconnect existing incoming feeder, remove equipment. Re-use meter. Install new external meter box 3CR12 Stainless steel 800 w x 1000 l x 200mm deep with lockable door. Connect 8 new cables	No	11
<u>LT CABLES</u>			
<u>600/1000 volt PVC/PVC/SWA/PVC copper cable pulled through sleeves, laid in trenches. (trenching and backfilling measured elsewhere)</u>			
2	35mm ² x 4-core cable	m	300
3	16mm ² x 3-core cable	m	450
4	10mm ² x 3-core cable	m	186
5	6mm ² x 3-core cable	m	150
<u>CABLE TERMINATIONS</u>			
<u>Termination for 600/1000 volt PVC/PVC/SWA/PVC copper cables including gland, rubber shroud, lugs, termination onto bus bars etc;</u>			
6	35mm ² x 4-core ends	No	8
7	16mm ² x 3-core ends	No	12
8	10mm ² x 3-core ends	No	10
9	6mm ² x 3-core ends	No	12
<u>EARTH WIRES</u>			
<u>Bare copper earth conductors installed with cables (earth terminations measured elsewhere)</u>			
10	35mm ² conductor	m	300
11	16mm ² conductor	m	500
12	10mm ² conductor	m	186
13	6mm ² conductor	m	150
ELECTRICAL INSTALLATION			
Bill No. 1			
ELECTRICAL INSTALLATION			

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>EARTH WIRE TERMINATIONS</u>			
<u>Bare copper earth conductor terminations including lugs etc:</u>			
14	35mm ² conductor	No	8
15	16mm ² conductor	No	12
16	10mm ² conductor	No	10
17	6mm ² conductor	No	12
<u>EXCAVATIONS, ETC</u>			
<u>Excavate in earth for cable and sleeve trenches</u>			
18	Cable or sleeve trenches not exceeding 1 meter deep. (670m)	m ²	515
19	Extra over excavations in "earth" for cable or sleeve trenches in "soft rock"	m ²	16
20	Ditto but in "hard rock"	m ²	8
21	Risk of collapse to sides of trenches and hole excavations not exceeding 1,5m deep	m ²	1,360
22	Surplus material from excavations and/or stock piles off site to a suitable area and to be organized by the contractor	m ²	20
23	Select from excavation materials and install a sand bedding in trench 225mm deep and 450mm wide (75mm above and 150mm below the cable)	m ²	80
24	Backfilling of trenches with excavated soil after cables have been laid and tested complete with compacting of backfilling, levelling off of trenches and removing and dumping of surplus excavated material	m ²	80
25	Keeping excavations free of all water	No	2
<u>SLEEVES</u>			
ELECTRICAL INSTALLATION			
Bill No. 1			
ELECTRICAL INSTALLATION			

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>High density polyethylene (HDPE) sleeve piping with a band thickness of not less than 1.5mm thick, including short lengths and jointing, laid in trench (trench backfilling measured elsewhere)</u>			
26	100mm Diameter	m	480
27	50mm Diameter	m	80
<u>Extra on HDPE piping for:</u>			
28	100mm Diameter long radius bend	No	38
29	50mm Diameter long radius bend	No	15
<u>MANHOLES</u>			
30	Brick plastered 600 x 600 x 600mm deep internally manhole including excavation, 20MPa mass concrete base projecting 100mm under wall face all round completed with non removable heavy duty round concrete frame and lid	No	12
<u>SUNDRIES</u>			
31	LT Cable route markers	No	14
32	Danger tape above cables	m	608
33	New chequer 500mm wide plate (provisional)	m	8
34	Test and commission the complete reticulation installation	Item	
35	Issue Electrical Consultant with As-Builts" dwg. for all cables"	Item	
<u>ELECTRICAL DISTRIBUTION BOARDS</u>			
<u>DISTRIBUTION BOARDS</u>			
ELECTRICAL INSTALLATION			
Bill No. 1			
ELECTRICAL INSTALLATION			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Distribution boards complete with sheet metal tray, frames, sub frames, bus bars, contractors, time switches, switches, provision for future circuit breakers and a typed legend card as shown on the line diagrams drawing complete:</u>					
36	Surface 600mm x 600mm x 120mm refurbish only	No	4		
37	Surface 1000mm x 800mm x 180mm refurbish only	No	4		
38	1000mm x 800mm x 180mm refurbish only	No	4		
39	Surface 600mm x 600mm x 120mm refurbish only	No	4		
40	Surface 1000mm x 800mm x 180mm refurbish only	No	4		
41	1000mm x 800mm x 180mm refurbish only	No	4		
42	100A 4 Pole Circuit Breaker	No	5		
43	80A 4 Pole Circuit Breaker	No	3		
44	80A 3 Pole Circuit Breaker	No	2		
45	60A 3 Pole Circuit Breaker	No	2		
46	30A 3 Pole Circuit Breaker	No	5		
47	20A 3 Pole Circuit Breaker	No	2		
48	16A 3 Pole Circuit Breaker	No	3		
49	60A 2 Pole Circuit Breaker	No	12		
50	30A 2 Pole Circuit Breaker	No	12		
51	20A 1 Pole Circuit Breaker	No	25		
52	16A 1 Pole Circuit Breaker	No	25		
53	Dehn Guard Lightning Arresters	No	21		
54	Dehn Gap Lightning Arrestors	No	7		
55	63A 2 Pole Earth Leakage	No	32		
ELECTRICAL INSTALLATION					
Bill No. 1					
ELECTRICAL INSTALLATION					

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>10 KVA GENERATOR</u>			
56	Employ a specialist DA set contractor and carry out a full service to the existing set; replace all major service equipment including filters, oil, fuel pumps fuel and radiates as per electrical specification		Item
<u>SMALL POWER</u>			
<u>GALVANISED STEEL CONDUIT</u>			
<u>Galvanised steel conduit placed in position for casting into concrete slabs, surface beds, screeds; for building into brickwork, and fixed in ceiling voids, steel and dry wall partitioning.</u>			
57	20mm Diameter Galvanised	m	690
58	25mm Diameter Galvanised	m	411
<u>CONDUIT BOXES AND FITTINGS</u>			
<u>Placed in position for casting into concrete, building or chased into brickwork, including locknuts and bushes</u>			
59	Back entry round conduit box (average 1 to 4-way)	No	337
60	100 x 50mm galvanised box	No	231
61	100 x 100mm galvanised box	No	116
<u>PVC INSULATED CONDUCTORS</u>			
<u>PVC Insulated stranded copper conductor drawn into wire ways, conduits etc;</u>			
62	2,5mm ² (Red, Black, Green)	m	4,310
63	4,0mm ² (Red, Black, Green)	m	3,860
64	6,0mm ² (Red, Black, Green)	m	752
ELECTRICAL INSTALLATION Bill No. 1 ELECTRICAL INSTALLATION			R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

65	10,0mm ² (Red, Black, Green)	m	300
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BARE COPPER EARTH CONDUCTORS

Bare stranded copper earth conductor drawn into wire ways, conduits etc;

66	2,5mm ²	m	1,437
67	4,0mm ²	m	1,287
68	6,0mm ²	m	251
69	10,0mm ²	m	100

LIGHT SWITCHES.

Switches complete with steel cover plate fixed in flush box..

70	16A One lever One Way switch flush	No	50
71	16A One lever Two Way switch flush	No	40
72	16A Three lever 3 x 1 Way switch flush	No	20
73	16A One lever One Way switch surface	No	25
74	16A One lever Two Way switch surface	No	25
75	16A Three lever 3 x 1 Way switch surface	No	25
76	16A 1 Pole Weatherproof 1 Way light switch surface	No	15

SWITCHED SOCKET OUTLETS

Switch socket outlets etc; complete with cover plate fixed in flush box.

77	16A 3-pin double switch socket outlet flush mounted in 100mm x 100mm x 50mm galvanised box	No	75
78	16A 3-pin double switch socket outlet surface mounted in 100mm x 100mm x 50mm galvanised box. 1 x 3 pin + 1 x Euro	No	45

ELECTRICAL INSTALLATION
Bill No. 1
ELECTRICAL INSTALLATION

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

79	45 A Stove coupler	No	10		
	<u>ISOLATORS</u>				
	<u>Isolator outlets complete with cover plate fixed in flush box or surface mounted.</u>				
80	30A 2P weatherproof isolator	No	32		
81	40A 2P Stove coupler (male and female)	No	4		
	<u>BELL PUSH SWITCHES</u>				
82	Bell push switch (unlock to off) with siren 500m and wiring	No	1		
	<u>GATE MOTOR</u>				
83	Gate motor D3 complete with 75 x 75 x 5 x 4 m angle iron lockable cage with welded 12mm round bar on top. Angle iron to be welded to 50 x 150 x 2 mm rectangular steel section and casted in concrete with Y10 supporting irons. Top rail with guide wheels. 4m x 2.4m galvanized steel gate with no opening more than 50 x 50mm. Full controls, beams and light	No	2		
	<u>LUMINARIES</u>				
	<u>Supply and install new luminaries complete with lamps, etc; mounted in positions as shown on the drawings.</u>				
84	Recessed 600 x 600mm LED panel light to fit into ceiling grid	No	79		
85	1.5m, 2 Lamps surface mounted Industrial Luminaire LED with wing	No	27		
86	1.5m 1 Lamp surface mounted industrial Luminaire. LED	No	1		
87	Wall mounted Bulkhead Luminaire with red lens	No	1		
88	Wall mounted bulkhead Luminaire with 2x 25 watt LED Lamps	No	5		
89	Police Light with 2 x 16 watt LED lamps	No	1		
	ELECTRICAL INSTALLATION				
	Bill No. 1				
	ELECTRICAL INSTALLATION				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

90	Side Entry security light with 2 x 25 watt LED lamps	No	14	
91	1.5m 2 lamps surface mounted tamper proof Luminaire	No	6	
92	1.5m 2 lamps surface mounted tamper proof Luminaire with 20 watt LED night light	No	6	
93	Wall mounted round bulkhead Luminaire with 2 x 20 watt LED lamps. All die cast aluminium and acrylic lens. IP 65. Prison grade with non tamper screws.	No	51	
94	Street light Luminaire Side entry security light with 2 x 26 watt LED lamps	No	20	
95	200mm Diameter bowl type Luminaire with porcelain lamp holder and 1 x 20 watt LED lamp	No	24	
96	3 Light pendant type luminaire complete with 3 x 40 W lamps and glass shades	No	8	
97	2 Light pendant type luminaire complete with 3 x 40W lamps and glass shades	No	15	
98	20W LED Flood lights with day-night switch incorporated	No	12	
<u>BELLS, SWITCHES ETC.</u>				
99	220 Volt bell	No	4	
100	Photo cell switch	No	6	
101	5A Bell push	No	4	
<u>Galvanised steel channel complete with galvanised cover surface mounted to brickwork, concrete, steel, wood, etc not exceeding 3000 mm above floor level</u>				
102	41.3mm x 41.3mm (1.0mm thick) fixed in ceiling voids	m	268	
<u>Note:</u>				
<u>Extra over wiring channel complete for</u>				
103	90 degree bends for 41.3mm x 41.3mm	No	20	
104	Ends for 41.3mm x 41.3mm	No	20	
				R
ELECTRICAL INSTALLATION				
Bill No. 1				
ELECTRICAL INSTALLATION				

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

105	Distribution Board termination	No	13		
106	127mm x 76.2mm (1.0mm thick) fixed in ceiling voids	m	204		
	<u>Extra over wiring trunking complete for:</u>				
107	90 degree bends for 127mm x 76.2mm	No	32		
108	Ends for 127mm x 76.2mm	No	8		
109	Distribution Board termination	No	14		
	<u>Power skirting: 3 Channel with 2 cover plates steel power skirting. Power coated grey</u>				
110	Power skirting	m	150		
111	90 degree internal	No	22		
112	Ends	No	30		
113	90 Degree upstand	No	30		
114	Euro plug for power skirting	No	60		
115	3 Point plug for power skirting	No	60		
116	RJ 45 for power skirting	No	60		
117	RJ 1 for Power Skirting	No	60		
	<u>Building work</u>				
118	Chase and make neat	m	230		
119	Power Skirting protruding through wall and make neat	No	20		
	<u>APPLIANCE CONNECTIONS</u>				
120	Geysers connection complete	No	6		
121	Stove connection complete	No	3		
122	150l Kwikot geyser	No	4		
123	26l Kwikot Hydroboil installed above basin	No	2		
				R	
ELECTRICAL INSTALLATION					
Bill No. 1					
ELECTRICAL INSTALLATION					

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>SUNDRIES</u>			
<u>Provide a Certificate of Compliance by an Accredited person for each distribution board.</u>			
124	Distribution Boards	No	12
<u>Testing</u>			
<u>Allow for testing, balancing and commissioning of the complete electrical installations in the following areas:</u>			
125	Distribution Boards	No	12
<u>EARTHING</u>			
<u>Earthing of the building to comply with the latest SANS 0142 Edition 1 of November 2001 Code of Practice for the Wiring of Premises as amended</u>			
126	Buildings	No	12
<u>LIGHTNING PROTECTION</u>			
<u>NOTE : THIS SECTION MUST BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION THAT FORMS PART OF THE SPECIFICATION</u>			
<u>GALVANISED STEEL CONDUIT</u>			
<u>Galvanised steel conduit placed in position for casting into concrete slabs, surface beds, screeds; for building into brickwork</u>			
127	20mm Diameter	m	70
<u>CONDUCTORS</u>			
<u>PVC insulated stranded copper conductor drawn into conduits</u>			
128	70mm ²	m	52
<u>ALUMINIUM ALLOY CONDUCTORS</u>			
ELECTRICAL INSTALLATION			
Bill No. 1			
ELECTRICAL INSTALLATION			

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

<u>Supply and install aluminium alloy conductors pulled into conduit and or surface mounted</u>			
129	8mm diameter	m	102
<u>EARTH ELECTRODES</u>			
<u>Supply and install expandable vertical copper bar type electrodes, copper covered steel or phosphor bronze</u>			
130	1,2 metre long SANS approved	No	37
<u>TERMINATIONS</u>			
131	Termination of aluminium alloy conductors onto tin roof complete with two hole crimping lugs, brass nuts, bolts and washers	No	34
132	Termination of aluminium alloy conductors and pvc insulated copper stranded conductors at test joints	No	34
133	Termination of 70mm ² pvc insulated copper stranded conductors onto earth electrodes complete with clamp.	No	37
134	Termination of 8mm diameter. aluminium alloy conductor onto overhang roof and main roof	No	34
<u>EXCAVATIONS</u>			
<u>Excavate for conduits trenches including, backfilling and compaction to the Engineer's specification</u>			
135	Pickable material	m ³	9
<u>SUNDRIES</u>			
<u>Testing</u>			
136	Provide, in triplicate a test certificate of all readings taken on the day of the test	No	12.00
137	Allow for testing the complete lightning protection installation as described in the SANS user code 03 as amended	No	12.00
<u>EXISTING INSTALLATION</u>			
ELECTRICAL INSTALLATION			
Bill No. 1			
ELECTRICAL INSTALLATION			

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>Allow of removing the existing electrical installation infrastructure:</u>				
138	Block A		Item	
139	Block B		Item	
140	Block C		Item	
141	Block D		Item	
142	Block E		Item	
143	Block F		Item	
144	Block G		Item	
145	Block H		Item	
146	Block J		Item	
147	Block K		Item	
148	Block L		Item	
149	Site Layout		Item	
<u>DRAW WIRE</u>				
<u>Galvanized steel draw wire pulled into telephone conduits.</u>				
150	1.6mm thick	No	450	
<u>TERMINATION BOXES</u>				
151	Termination box behind power skirting	No	30	
152	Cut out opening in power skirting to suit termination box, complete with protective rubber grommet.	No	30	
The successful Tenderer will be required to maintain the plant in good running order for a period of twelve months after the plant has been taken over by the Consultant. The full cost of this maintenance shall be inclusive of overheads and travelling fees. Apart from				
ELECTRICAL INSTALLATION				
Bill No. 1				
ELECTRICAL INSTALLATION				

R

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

the consumables as detailed below, the Consultant shall not acknowledge any cost claims additional to this maintenance cost as tendered.

However should the Contractor fail to hand over the plant in good working order on expiry of the specified twelve months, the Contractor will be responsible for further monthly maintenance until final delivery is taken.

Under this agreement the Contractor will undertake to arrange once per month for a visit to the plant by a qualified member of his staff, who shall:

- a) Report to the Officer-in-Charge, keeping the maintenance records, and enter into a log book the date of the visit, the tests carried out, the adjustments made, and any further details that may be required.
- b) Grease and oil moving parts where necessary.
- c) Check the air filter and, when necessary, clean the filter and replace filter oil.
- d) Check the lubricating oil and top up when necessary.
- e) After the plant has run on one oil change for the number of hours stipulated by the makers, drain the sump and refill with fresh lubricating oil. The reading of the hour meter on the switchboard will be taken to establish the number of hours run by the plant.

Under this heading only the cost of the actual oil used, shall be charged as an extra on the monthly account.

f) Clean the lubricating oil filter and/or replace the filter element at intervals recommended by the engine maker, the cost of a new filter element to be charged as an extra on the monthly account.

g) Check and when necessary adjust the valve settings and the fuel injection equipment.

h) Check the battery and top up the electrolyte when necessary.

i) Test run the plant for 0,5 hours and check the automatic starting with simulated faults on the mains, the proper working of all parts, including the electrical gear, the protective devices with fault indicators, the changeover equipment and the battery charger. Make the necessary adjustments.

ELECTRICAL INSTALLATION
Bill No. 1
ELECTRICAL INSTALLATION

R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

153	<p>j) Report to the Consultant on any parts that become unserviceable through fair wear and tear, or damaged by causes beyond the control of the Contractor.</p> <p>The Contractor on receiving the report, shall immediately submit a detailed quotation for the repair or replacement of such parts to the Consultant.</p> <p>k) Advise the Consultant when it has become necessary to de-carbonise the engine and submit a quotation for this service.</p> <p>l) Top up the water of the radiator, if applicable.</p> <p>Clean the plant and its components when necessary</p> <p>Maintenance as described above for the generator for a period of 12 months</p>	Item
ELECTRICAL INSTALLATION Bill No. 1 ELECTRICAL INSTALLATION		R

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 4

ELECTRICAL INSTALLATION

Bill No. 1

ELECTRICAL INSTALLATION

COLLECTION PAGE

Page
No

Amount
R

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

Carried to Final Summary

R

ELECTRICAL INSTALLATION

Bill No. 1

ELECTRICAL INSTALLATION

SECTION NO 5:
EPWP-NYS INFRASTRUCTURE
PROJECTS

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

Item No		Quantity	Rate	Amount R
	<u>SECTION NO. 5</u>			
	<u>BILL NO. 1</u>			
	<u>EPWP-NYS INFRASTRUCTURE PROJECTS</u>			
	<u>EMPLOYMENT AND TRAINING OF LABOUR ON THE EPWP-NYS INFRASTRUCTURE PROJECTS</u>			
	Tenderers are advised to study the Additional Specification SL: Employment and Training of Labour on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service, as bound elsewhere in the Bills of Quantities, and then price this Bill accordingly.			
	<u>TRAINING OF YOUTH WORKERS(TARGET: 14 YOUTH WORKERS)</u>			
	<u>Skills development, Life Skills and Technical training:</u>			
1	Skills development, life skills and technical training for youth workers for average 66 days per youth.(ref. SL 11.01.01)	Item		252,000.00
	Payment Reduction due to not meeting the target as in SL 11.01	Item		
2	Profit and attendance (on item 1)	Item		
	<u>EMPLOYMENT OF YOUTH WORKERS</u>			
3	Employment of youth workers.(ref SL 11.02.01)	Item		277,200.00
4	Profit and attendance (ref. SL 11.02.02)	Item		
	<u>PROVISION OF EPWP DESIGNED OVERALLS AND HARD HATS TO YOUTH WORKERS</u>			
5	Supply 2 x EPWP branded overalls, 1 x pair of safety boots and 1 x EPWP branded hard hat to youth workers (ref. SL 11.03.01)	Item		14,000.00
			R	
	EPWP-NYS: INFRASTRUCTURE PROJECTS			
	Bill No. 1			
	EPWP-NYS: INFRASTRUCTURE PROJECTS			

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

6	Profit and attendance (ref. SL 11.03.02)	Item	
	<u>PROVISION OF SMALL TOOLS FOR YOUTH WORKERS</u>		
7	Provide all youth workers with prescribed tools. (ref. SL 11.04.01)	Item	21,000.00
8	Profit and attendance (ref. SL 11.04.02)	Item	
9		N/A	
	<u>TRAVELLING DURING TRAINING</u>		
10	Travelling (based on R30.00 return trip per day per youth worker)	Item	Not Priced
	<u>MEDICAL TESTS</u>		
11	Medical fitness tests (ref. SL 11.07.01)	Item	7,000.00
12	Profit and attendance (ref. SL 11.07.02)	Item	
		R	

EPWP-NYS: INFRASTRUCTURE PROJECTS
Bill No. 1
EPWP-NYS: INFRASTRUCTURE PROJECTS

DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS

Section No. 5

EPWP-NYS: INFRASTRUCTURE PROJECTS

Bill No. 1

EPWP-NYS: INFRASTRUCTURE PROJECTS

COLLECTION PAGE

Page
No

224

225

Amount
R

Carried to Final Summary

EPWP-NYS: INFRASTRUCTURE PROJECTS

Bill No. 1

EPWP-NYS: INFRASTRUCTURE PROJECTS

R

FINAL SUMMARY

**DEPARTMENT OF PUBLIC WORKS
WARDEN
SAPS REPAIR AND RENOVATIONS**

<u>FINAL SUMMARY</u>		Page No	Amount R
Section No			
1	PRELIMINARIES	53	
2	BUILDING WORKS	173	
3	SITE WORKS	206	
	SUB TOTAL		R
4	ELECTRICAL INSTALLATION	223	
	SUB TOTAL		R
5	EPWP-NYS: INFRASTRUCTURE PROJECTS	226	
	SUB TOTAL		R
	ADD: Value added Tax at 15%		R
	GRAND TOTAL		R
CARRIED FORWARD TO FORM OF OFFER AND ACCEPTANCE (DPW07)			R



DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

Project title:	WARDEN SAPS: REPAIRS AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE		
Tender no:	BL22/204	Reference no:	4/2/1/1/1/10/6722
Closing date:	22 November 2022		

This is to certify that I, _____ representing
_____ in the company of
_____ visited the site on: **09 November**
2022

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the site inspection meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

Name of Tenderer	Signature	Date

Name of DPW Representative	Signature	Date

PA-11: BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest (1) in the enterprise, employed by the state?

YES / NO

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

(1) the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?

YES / NO

- 2.2.1 If so, furnish particulars:

.....
.....

- 2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES / NO

- 2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

I, the undersigned, (name).....
in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

This form has been aligned with SBD4



PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid / Tender to the Department of Public Works in respect of the following project:

(Project description as per Bid / Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

	Name	Capacity	Signature
1			
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PA-15.1: Resolution of Board of Directors

17			
18			
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20			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

Note:

- * Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP

PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

on _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ (Bid / Tender Number as per Bid / Tender Document)

2. *Mr/Mrs/Ms: _____

in "his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____ (code)



Department
of Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

PA-15.2: Resolution of Board of Directors to enter into Consortia or Joint Ventures

Postal Address: _____

_____ (code)

Telephone number: _____

Fax number: _____

	Name	Capacity	Signature
1			
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3			
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9			
10			
11			
12			
13			
14			
15			

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed

Note:

- * Delete which is not applicable.
- NB:** This resolution must, where possible, be signed by *all* the Directors / Members / Partners of the Bidding Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
- Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP



PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below. *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ (place)

on _____ (date)

RESOLVED that:

RESOLVED that:

- A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Public Works in respect of the following project:

(Project description as per Bid /Tender Document)

Bid / Tender Number: _____ *(Bid / Tender Number as per Bid /Tender Document)*

PA-15.3: Special Resolution of Consortia or Joint Ventures

- B. *Mr/Mrs/Ms: _____
in *his/her Capacity as: _____ (Position in the Enterprise)
and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

- C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.
E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.
F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.
G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

_____ (Postal code) _____

Postal Address: _____

_____ (Postal code) _____

Telephone number: _____

Fax number: _____



PA-15.3: Special Resolution of Consortia or Joint Ventures

	Name	Capacity	Signature
1			
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The bidding enterprise hereby absolves the Department of Public Works & Infrastructure from any liability whatsoever that may arise as a result of this document being signed.

Note:

1. * Delete which is not applicable.
2. **NB:** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
3. Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.
4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).



PA16: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017 AND THE AMENDED B-BBEE CODES.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 The value of this bid is estimated to **Not Exceed** R50 000 000 (all applicable taxes included) and therefore the... **80/20** system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.3.1 The maximum points for this bid are allocated as follows:

	POINTS
1.3.1.1 PRICE	80
1.3.1.2 B-BBEE STATUS LEVEL OF CONTRIBUTION	20
Total points for Price and B-BBEE must not exceed	100

1.4 Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5 An Exempted Micro Enterprise (EME) is only required to obtain a sworn affidavit or a certificate issued by Companies and intellectual property Commission (CIPC) confirming their annual turnover of R10 Million or less and level of black ownership to claim points.

1.6 Qualifying Small Enterprise (QSE) is only required to obtain a sworn affidavit or a certificate issued by Companies and intellectual property Commission (CIPC) confirming their annual turnover of R10 Million or less and level of black ownership to claim points.

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".

For Internal Use

Effective date 20 September 2021

Page 1 of 6
Version: 2021/01



- 1.7 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.
- 1.8 CERTIFICATES ISSUED BY IRBA AND ACCOUNTING OFFICER HAVE BEEN DISCONTINUED; HOWEVER VALID CERTIFICATES ALREADY ISSUED BEFORE 01 JANUARY 2017 MAY BE USED UNTIL THEY PHASE OUT COMPLETELY BY DECEMBER 2017

2. DEFINITIONS

- (a) **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- (e) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (f) **"comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- (g) **"consortium or joint venture"** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract;
- (h) **"contract"** means the agreement that results from the acceptance of a bid by an organ of state;
- (i) **"EME"** means an Exempted Micro Enterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (j) **"Firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- (k) **"functionality"** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- (l) **"non-firm prices"** means all prices other than "firm" prices; -----
- (m) **"person"** includes a juristic person;
- (n) **"QSE"** means a Qualifying Small Enterprise as defines by Codes of Good Practice under

section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

- (o) **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- (p) **"sub-contract"** means the primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- (q) **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;
- (r) **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- (s) **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.
- 3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for comparative price of bid under consideration

P_t = Comparative price of bid under consideration



Pmin = Comparative price of lowest acceptable bid

5. Points awarded for B-BBEE Status Level of Contribution

- 5.1 In terms of Regulation 6(2) and /or 7(2), of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 5.2 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.3 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.4 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.5 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6. BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1

7.1 B-BBEE Status Level of Contribution: = (maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or Sworn Affidavit for EME's and QSE's.

8 SUB-CONTRACTING (relates to 5.5)

8.1 Will any portion of the contract be sub-contracted? YES / NO (delete which is not applicable)

8.1.1 If yes, indicate:

- (i) what percentage of the contract will be subcontracted?%
- (ii) the name of the sub-contractor?
- (iii) the B-BBEE status level of the sub-contractor?
- (iv) whether the sub-contractor is an EME/ a QSE YES / NO (delete which is not applicable)

Designated Group: An EME or QSE which is at least 51% owned by:	EME	QSE
Black people	✓	✓
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

9 DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm

9.2 VAT registration number

9.3 Company registration number

9.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

9.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
☐ Supplier
☐ Professional service provider
☐ Other service providers, e.g. transporter, etc.
 [TICK APPLICABLE BOX]

9.7 Total number of years the company/firm has been in business?

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate/ Sworn Affidavit, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct;
- (ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- (iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) Disqualify the person from the bidding process;
 - (b) Recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) Cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution

WITNESSES:

1.

2.

.....

SIGNATURE(S) OF BIDDER(S)

DATE: ADDRESS:

DPW-09 (EC): PARTICULARS OF TENDERER'S PROJECTS

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE			
Tender / quotation no:	BL22/024	Closing date:	22/NOVEMBER/2022	
Advertising date:	28/OCTOBER/2022	Validity period:	84 days	

1. PARTICULARS OF THE TENDERER'S CURRENT AND PREVIOUS COMMITMENTS

1.1. Current projects

Projects currently engaged in	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Current percentage progress
1						
2						
3						
4						
5						
6						
7						
8						

Tender no: **BL22/024**

1.2. Completed projects

Projects completed in the previous 5 (five) years	Name of Employer or Representative of Employer	Contact tel. no.	Contract sum	Contractual commencement date	Contractual completion date	Date of Certificate of Practical Completion
1						
2						
3						
4						
5						
6						
7						
8						
9						

Name of Tenderer	Signature	Date



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DECLARATION – EPWP PROGRAMME

I _____ from company

Hereby Undertake To Comply To:

1. LABOUR INTENSIVE CONSTRUCTION METHODS (LIC)

1.1 Comply To Implementation Of LIC BOQ Items Specified Elsewhere In The Tender Documents.

2. RECRUITMENT AND PLACEMENT OF EPWP NYS PARTICIPANTS

2.1 Recruitment, Placement And Exposure Training Of 25 (Twenty Five) Participants

2.2 Comply To EPWP BOQ, Specifications And Code Of Good Practice

3. RECRUITMENT AND PLACEMENT OF LOCAL LABOURERS

3.1 Recruitment And Placement Of 30 (Thirty) Local Labourers

3.2 Comply With Applicable Wage Order/Determination or Agreement, In Terms of Labour Relations Act or Wage Act

4. COMPLY TO EPWP MONTHLY REPORTING REQUIREMENTS

Monthly prepare and submit below EPWP reports attached to monthly payments certificate:

4.1 All Employees and EPWP Participants Contracts

4.2 All Employees and EPWP Participants Certified SA ID Copies

4.3 All Employees and EPWP Attendance Register

4.4 All Employees and EPWP Proof of Payment

4.5 EPWP Reports Populated on Standard Templates

5. PENALTIES FOR NON COMPLIANCE

Acknowledge Non Compliance Penalty of R3000-00 (Three thousand rand) Per Month Per Participant

Signed by _____
Director of the Company

Company name _____

Date: _____



PA-36: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/lp.jsp](http://www.thedti.gov.za/industrial%20development/lp.jsp) at no cost.



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
_____	_____ %
_____	_____ %
_____	_____ %
Electrical copper cables	90%
Telecom copper and optical fibre	90%
Valve products	70%
Polyvinyl Chloride (PVC) Pipes	100%
High Density Polyethylene (HDPE) Pipes	100%
Steel Products	100%
Cement Products	100%

3. Does any portion of the goods or services offered have any imported content?

(Tick applicable box)

YES		NO	
-----	--	----	--

3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.resbank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

**LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)**

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):
.....

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thedti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
do hereby declare, in my capacity as
of (name of bidder
entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and

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".



PA36: Declaration Certificate for Local Production and Content for Designated Sectors.

(This form has been aligned with NT - SBD 6.2)

- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.
The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____



the dti

Department
Trade and Industry
REPUBLIC OF SOUTH AFRICA

Private Bag X84, PRETORIA, 0001, the dti Campus, 77 Meintjies Street, Sunnyside, 0002, Tel: (012) 394 0000
the dti Customer Contact Centre local: 0861 843 384 International: +27 12 394 9500, www.thedti.gov.za

Guidance Document for the Calculation of Local Content

1. DEFINITIONS

Unless explicitly provided in this guideline, the definitions given in SATS 1286:2011 apply.

2. GENERAL

2.1. Introduction

This guideline provides tenderers with a detailed description of how to calculate local content of products (goods, services and works) by components/material/services and enables them to keep an updated record for verification requirements as per the SATS 1286:2011 Annexure A and B.

The guideline consists of two parts, namely:

- a written guideline; and
- three declarations that must be completed:
 - Declaration C: "Local Content Declaration – Summary Schedule" (see Annexure C);
 - Declaration D: "Imported Content Declaration – Supporting Schedule to Annex C" (see Annexure D); and
 - Declaration E: "Local Content Declaration – Supporting Schedule to Annex C" (see Annexure E).

The guidelines and declarations should be used by tenderers when preparing a tender. A tenderer must complete Declarations D and E, and consolidate the information on Declaration C.

Annexure C must be submitted with the tender by the closing date and time as determined by the Tender Authority. The Tender Authority reserves the right to request that Declarations D and E also be submitted.

If the tender is successful, the tenderer must continuously update Declarations C, D and E with actual values for the duration of the contract.

NOTE:

Annexure A is a note to the purchaser in SATS 1286:2011; and
Annexure B is the Local Content Declaration IN SATS 1286:2011.

2.2. What is local content?

According to SATS 1286:2011, the local content of a product is the tender price less the value of imported content, expressed as a percentage. It is, therefore, necessary to first compute the imported value of a product to determine the local content of a product.

2.3. Categories: Imported and Local Content

The tenderer must differentiate between imported content and local content.

Imported content of a product by components/material/services is separated into two categories, namely:

- products imported directly by the tenderer; and
- products imported by a third party and supplied to the tenderer.

2.3.1. Imported Content

Identify the imported content, if any, by value for products by component/material/services. In the case of components/materials/services sourced from a South African manufacturer, agent, supplier or subcontractor (i.e. third party), obtain that information and Declaration D from the third party.

Calculate the imported content of components/materials/services to be used in the manufacture of the total quantity of the products for which the tender is to be submitted.

As stated in clause 3.2.4 of SATS 1286:2011: "If information on the origin of components, parts or materials is not available, it will be deemed to be imported content."

2.3.1.1. Imported directly by the tenderer:

When the tenderer import products directly, the onus is on the tenderer to provide evidence of any components/materials/services that were procured from a non-domestic source. The evidence should be verifiable and pertain to the tender as a whole. Typical evidence will include commercial invoices, bills of entry, etc.

When the tenderer procures imported services such as project management, design, testing, marketing, etc and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

2.3.1.2. Imported by a third party and supplied to the tenderer:

When the tenderer supplies components/material/services that are imported by any third party (for example, a domestic manufacturer, agent, supplier or subcontractor in the supply chain), the onus is on the tenderer to obtain verifiable evidence from the third party.

The tenderer must obtain Declaration D from all third parties for the related tender. The third party must be requested by the tenderer to continuously update Declaration D. Typical evidence of imported content will include commercial invoices, bills of entry etc.

When a third party procures imported services such as project management, design, testing, marketing etc. and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

2.3.1.3. Exempt Imported Content:

Exemptions, if any, are granted by the Department of Trade and Industry (the dti). Evidence of the exemptions must be provided and included in Annexure D.

2.3.2. Local Content

Identify and calculate the local content, by value for products by components/materials/services to be used in the manufacture of the total quantity of the products.

3. ANNEXURE C

3.1. Guidelines for completing Annexure C: Local Content Declaration – Summary Schedule

Note: The paragraph numbers correspond to the numbers in Annexure C.

C1. Tender Number

Supply the tender number that is specified on the specific tender documentation.

C2. Tender description

Supply the tender description that is specified on the specific tender documentation.

C3. Designated products

Supply the details of the products that are designated in terms of this tender (i.e. buses).

C4. Tender Authority

Supply the name of the tender authority.

C5. Tendering Entity name

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd).

C6. Tender Exchange Rate

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

C7. Specified local content %

Provide the specified minimum local content requirement for the tender (i.e. 80%), as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MDB) 6.2.

C8. Tender item number

Provide the tender item number(s) of the products that have a local content requirement as per the tender specification.

C9. List of items

Provide a list of the item(s) corresponding with the tender item number.
This may be a short description or a brand name.

Calculation of local content

C10. Tender price

Provide the unit tender price of each item excluding VAT.

C11. Exempted imported content

Provide the ZAR value of the exempted imported content for each item, if applicable. These value(s) must correspond with the value(s) of column D16 on Annexure D.

C12. Tender value net of exempted imported content

Provide the net tender value of the item, if applicable, by deducting the exempted imported content (C11) from the tender price (C10).

C13. Imported value

Provide the ZAR value of the items' imported content.

C14. Local value

Provide the local value of the item by deducting the Imported value (C13) from the net tender value (C12).

C15. Local content percentage (per item)

Provide the local content percentage of the item(s) by dividing the local value (C14) by the net tender value (C12) as per the local content formula in SATS 1286.

Tender Summary

C16. Tender quantity

Provide the tender quantity for each item number as per the tender specification.

C17. Total tender value

Provide the total tender value by multiplying the tender quantity (C16) by the tender price (C10).

C18. Total exempted imported content

Provide the total exempted imported content by multiplying the tender quantity (C16) by the exempted imported content (C11). These values must correspond with the values of column D18 on Annexure D.

C19. Total imported content

Provide the total imported content of each item by multiplying the tender quantity (C16) by the imported value (C13).

C20. Total tender value

Total tender value is the sum of the values in column C17.

C21. Total exempted imported content

Total exempted imported content is the sum of the values in column C18. This value must correspond with the value of D19 on Annexure D.

C22. Total tender value net of exempted imported content

The total tender value net of exempt imported content is the total tender value (C20) less the total exempted imported content (C21).

C23. Total imported content

Total imported content is the sum of the values in column C19. This value must correspond with the value of D53 on Annexure D.

C24. Total local content

Total local content is the total tender value net of exempted imported content (C22) less the total imported content (C23). This value must correspond with the value of E13 on Annexure E.

C25. Average local content percentage of tender

The average local content percentage of tender is calculated by dividing total local content (C24) by the total tender value net of exempted imported content (C22).

4. ANNEXURE D

4.1. Guidelines for completing Annexure D: "Imported Content Declaration – Supporting Schedule to Annexure C"

Note: The paragraph numbers correspond to the numbers in Annexure D.

D1. Tender number

Supply the tender number that is specified on the specific tender documentation.

D2. Tender description

Supply the tender description that is specified on the specific tender documentation.

D3. Designated products

Supply the details of the products that are designated in terms of this tender (i.e. buses).

D4. Tender authority

Supply the name of the tender authority.

D5. Tendering entity name

Provide the tendering entity name (i.e. Unibody Bus Builders (Pty) Ltd).

D6. Tender exchange rate

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

Table A. Exempted Imported Content

D7. Tender item number

Provide the tender item number(s) of the product(s) that have imported content.

D8. Description of imported content

Provide a list of the exempted imported product(s), if any, as specified in the tender.

D9. Local supplier

Provide the name of the local supplier(s) supplying the imported product(s).

D10. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the exempted imported product(s).

D11. Imported value as per commercial invoice

Provide the foreign currency value of the exempted imported product(s) disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

D12. Tender exchange rate

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

D13. Local value of Imports

Convert the value of the exempted imported content as per commercial invoice (D11) into the ZAR value by using the tender exchange rate (D12) disclosed in the tender documentation.

D14. Freight costs to port of entry

Provide the freight costs to the South African Port of the exempted imported item.

D15. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the exempted imported product(s) as stipulated in the SATS 1286:2011.

D16. Total landed costs excl VAT

Provide the total landed costs (excluding VAT) for each item imported by adding the corresponding item values in columns D13, D14 and D15. These values must be transferred to column C11 on Annexure C.

D17. Tender quantity

Provide the tender quantity of the exempted imported products as per the tender specification.

D18. Exempted Imported value

Provide the imported value for each of the exempted imported product(s) by multiplying the total landed cost (excl. VAT) (D16) by the

tender quantity (D17). The values in column D18 must correspond with the values of column C18 of Annexure C.

D19. Total exempted imported value

The total exempted imported value is the sum of the values in column D18. This total must correspond with the value of C21 on Annexure C.

Table B. Imported Directly By Tenderer

D20. Tender item numbers

Provide the tender item number(s) of the product(s) that have imported content.

D21. Description of imported content:

Provide a list of the product(s) imported directly by tender as specified in the tender documentation.

D22. Unit of measure

Provide the unit of measure for the product(s) imported directly by the tenderer.

D23. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the imported product(s).

D24. Imported value as per commercial invoice

Provide the foreign currency value of the product(s) imported directly by tenderer disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

D25. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

D26. Local value of imports

Convert the value of the product(s) imported directly by the tenderer as per commercial invoice (D24) into the ZAR value by using the tender exchange rate (D25) disclosed in the tender documentation.

D27. Freight costs to port of entry

Provide the freight costs to the South African Port of the product(s) imported directly by the tenderer.

D28. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the product(s) imported directly by the tenderer as stipulated in the SATS 1286:2011.

D29. Total landed costs excl VAT

Provide the total landed costs (excluding VAT) for each item imported directly by the tenderer by adding the corresponding item values in columns D26, D27 and D28.

D30. Tender quantity

Provide the tender quantity of the product(s) imported directly by the tenderer as per the tender specification.

D31. Total Imported value

Provide the total imported value for each of the product(s) imported directly by the tenderer by multiplying the total landed cost (excl. VAT) (D29) by the tender quantity (D30).

D32. Total Imported value by tenderer

The total value of imports by the tenderer is the sum of the values in column D31.

Table C. Imported by Third Party and Supplied to the Tenderer

D33. Description of imported content

Provide a list of the product(s) imported by the third party and supplied to the tenderer as specified in the tender documentation.

D34. Unit of measure

Provide the unit of measure for the product(s) imported by the third party and supplied to tenderer as disclosed in the commercial invoice.

D35. Local supplier

Provide the name of the local supplier(s) supplying the imported product(s).

D36. Overseas supplier

Provide the name(s) of the overseas supplier(s) supplying the imported products.

D37. Imported value as per commercial invoice

Provide the foreign currency value of the product(s) imported by the third party and supplied to the tenderer disclosed in the commercial invoice accepted by SARS.

D38. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

D39. Local value of imports

Convert the value of the product(s) imported by the third party as per commercial invoice (D37) into the ZAR value by using the tender exchange rate (D38) disclosed in the tender documentation.

D40. Freight costs to port of entry

Provide the freight costs to the South African Port of the product(s) imported by third party and supplied to the tenderer.

D41. All locally incurred landing costs and duties

Provide all landing costs including customs and excise duty for the product(s) imported by third party and supplied to the tenderer as stipulated in the SATS 1286:2011.

D42. Total landed costs excluding VAT

Provide the total landed costs (excluding VAT) for each product imported by third party and supplied to the tenderer by adding the corresponding item values in columns D39, D40 and D41.

D43. Quantity imported

Provide the quantity of each product(s) imported by third party and supplied to the tenderer for the tender.

D44. Total imported value

Provide the total imported value of the product(s) imported by third party and supplied to the tenderer by multiplying the total landed cost (D42) by the quantity imported (D43).

D45. Total Imported value by third party

The total imported value from the third party is the sum of the values in column D44.

Table D. Other Foreign Currency Payments

D46. Type of payment

Provide the type of foreign currency payment. (i.e. royalty payment for use of patent, annual licence fee, etc).

D47. Local supplier making the payment

Provide the name of the local supplier making the payment.

D48. Overseas beneficiary

Provide the name of the overseas beneficiary.

D49. Foreign currency value paid

Provide the value of the listed payment(s) in their foreign currency.

D50. Tender rate of exchange

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

D51. Local value of payments

Provide the local value of each payment by multiplying the foreign currency value paid (D49) by the tender rate of exchange (D50).

D52. Total of foreign currency payments declared by tenderer and/or third party

The total of foreign currency payments declared by tenderer and/or a third party is the sum of the values in column D51.

D53. Total of imported content and foreign currency payment

The total imported content and foreign currency payment is the sum of the values in column D32, D45 and D52. This value must correspond with the value of C23 on Annexure C.

5. ANNEXURE E

5.1. Guidelines to completing Annexure E: "Local Content Declaration-Supporting Schedule to Annexure C"

The paragraph numbers correspond to the numbers in Annexure E

E1. Tender number

Supply the tender number that is specified on the specific tender documentation.

E2. Tender description

Supply the tender description that is specified on the specific tender documentation.

E3. Designated products

Supply the details of the products that are designated in terms of this tender (for example, buses/canned vegetables).

E4. Tender authority

Supply the name of the tender authority.

E5. Tendering entity name

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd) Ltd).

Local Goods, Services and Works

E6. Description of items purchased

Provide a description of the items purchased locally in the space provided.

E7. Local supplier

Provide the name of the local supplier that corresponds to the item listed in column E6.

E8. Value

Provide the total value of the item purchased in column E6.

E9. Total local products (Goods, Services and Works)

Total local products (goods, services and works) is the sum of the values in E8.

E10. Manpower costs:

Provide the total of all the labour costs accruing only to the tenderer (i.e. not the suppliers to tenderer).

E11. Factory overheads:

Provide the total of all the factory overheads including rental, depreciation and amortisation for local and imported capital goods, utility costs and consumables. (Consumables are goods used by individuals and businesses that must be replaced regularly because they wear out or are used up. Consumables can also be defined as the components of an end product that are used up or permanently altered in the process of manufacturing, such as basic chemicals.)

E12. Administration overheads and mark-up:

Provide the total of all the administration overheads, including marketing, insurance, financing, interest and mark-up costs.

E13. Total local content:

The total local content is the sum of the values of E9, E10, E11 and E12. This total must correspond with C24 of Annexure C.

1. Annex C

Local Content Declaration - Summary Schedule

(C1)	Tender No.	BL22/024
(C2)	Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(C3)	Designated product(s)	Electrical Cables
(C4)	Tender Authority:	NDPW & I
(C5)	Tendering Entity name:	
(C6)	Tender Exchange Rate:	Pula
(C7)	Specified local content %	90%

GBP

EU

Note: VAT to be excluded from all calculations

Calculation of local content				Tender summary		
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local content % (per item)
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)
pg.209/item 2	35mm ² x 4-core cable					(C15)
pg.209/item 3	16mm ² x 4-core cable					
pg.209/item 4	10mm ² x 4-core cable					
pg.209/item 5	6mm ² x 3-core cable					
pg.209/item 10	35mm ² conductor					
pg.209/item 11	16mm ² conductor					
pg.209/item 12	10mm ² conductor					
pg.209/item 13	6mm ² conductor					
pg.214/item 66	2,5mm ²					
pg.214/item 67	4,0mm ²					
pg.214/item 68	6,0mm ²					
pg.214/item 69	10,0mm ²					
				(C20) Total tender value R	(C21) Total Exempt imported content R	(C22) Total Tender value net of exempt imported content R
					(C23) Total imported content R	(C24) Total local content R
						(C25) Average local content % of tender %

Signature of tenderer from Annex B

Date:

1. Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1)	Tender No.	BL22/D24
(D2)	Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(D3)	Designated Products:	Electrical Cables
(D4)	Tender Authority:	NDPW & I
(D5)	Tendering Entity name:	
(D6)	Tender Exchange Rate:	Pula

Note: VAT to be excluded from all calculations

EU

GRP

A. Exempted Imported content

[illegible]

(D19) Total exempt imported value \$

This total must correspond with
Annex C-023

B. Imported directly by the Tenderer

[illegible]

(D32) Total imported value by tenderer R

C. Imported by a 3rd party and supplied to the Tenderer

[illegible]

(D45) Total imported value by 3rd party R

D. Other foreign currency payments

[illegible]

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above

This total must correspond with
Annex C - C23

Date:

1. Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1) Tender No.	BL22/024
(E2) Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3) Designated products:	Electrical Cables
(E4) Tender Authority:	NDPW & I
(E5) Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R

(E10) Manpower costs (Tenderer's manpower cost) R

(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) R

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) R

(E13) Total local content R

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

Local Content Declaration - Summary Schedule

Tender No.	BL22/024
Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
Designated product(s)	Valve Products
Tender Authority:	NDPW & I
Tendering Entity name:	
Tender Exchange Rate:	Pula
Specified local content %	70%
	EU

Note: VAT to be excluded from all calculations

GBP

[illegible]

Signature of tenderer from Annex B

Date: _____

2. Annex D

SATS 1286.2011

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. BL22/024

(D2) Tender description: WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE

(D3) Designated Products: Valve Products

(D4) Tender Authority: NDPW & I

(D5) Tendering Entity name: _____

(D6) Tender Exchange Rate: Pula _____

Note: VAT to be excluded from all calculations

EU _____

GBP _____

A. Exempted imported content

Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Calculation of imported content					
				Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)

(D19) Total exempt imported value R _____

This total must correspond with Annex C - C 21

B. Imported directly by the Tenderer

Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Calculation of imported content					
				Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)

(D32) Total imported value by tenderer R _____

C. Imported by a 3rd party and supplied to the Tenderer

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Calculation of imported content					
				Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)

(D45) Total imported value by 3rd party R _____

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Calculation of foreign currency payments	
			Foreign currency value paid	Tender Rate of Exchange
(D46)	(D47)	(D48)	(D49)	(D50)

Summary of payments

Local value of payments (D51)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party R _____

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R _____

This total must correspond with Annex C - C 23

Signature of tenderer from Annex B

Date: _____

2. Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1) Tender No.	BL22/024
(E2) Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3) Designated products:	Valve Products
(E4) Tender Authority:	NDPW & I
(E5) Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R

(E10) Manpower costs (Tenderer's manpower cost) R

(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) R

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) R

(E13) Total local content R

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

Local Content Declaration - Summary Schedule

Tender No.	BL22/024
Tender description:	WARDEN SOPS: REPAIR AND MAINTENANCE TO ELECTRICAL AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
Designated product(s)	Polyvinyl Chloride (PVC) Pipes
Tender Authority:	NDPW & I
Tendering Entity name:	
Tender Exchange Rate:	
Specified local content %	100%
	Pula
	EU

Note: VAT to be excluded from all calculations

Calculation of local content										Tender summary									
Tender item no's	List of Items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total imported content								
(C2)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)								
pg 153/Item 33	Carefully cut through existing concrete surface bed +/- 80mm thick; and lay 50mm pipes in trenches, including excavation, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep							13											
pg 153/Item 34	Carefully cut through existing concrete surface bed +/- 80mm thick; and lay 100mm pipes in trenches, including excavation, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep							35											
pg 153/Item 35	50mm Pipe fixed in walls, ceilings, roofs, floors, etc							50											
pg 179/Item 1	100mm Pipes laid in and including Including repair in all trades							20											
pg 179/Item 2	100mm Pipes laid in and including							80											
pg 179/Item 3	160mm Pipes laid in and including							83											
pg 179/Item 4	160mm Pipes laid in and including							101											
pg 179/Item 5	50mm Pipe							92											
pg 179/Item 6	150mm Pipe fixed in walls, ceilings,							10											
pg 180/Item 7	100mm Pipe fixed in walls,							100											
pg 183/Item 49	50mm Pipes fixed to walls, ceilings, roofs, floors, etc							1											
pg 183/Item 50	110mm Pipes fixed to walls, ceilings, roofs, floors, etc							1											
pg 187/Item 4	90mm Pipes laid in and including							189											
pg 187/Item 5	90mm Pipes laid in under surface							29											
Total tender value: R									(C20)	Total exempted imported content: R	(C21)	Total imported content: R	(C22)	Total tender value net of exempted imported content: R	(C23)	Total local content: R	(C24)	Average local content % of tender	(C25)

Signature of tenderer from Annex B

Date:

Date:

(D1)	Tender No.	BL22/024
(D2)	Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(D3)	Designated Products:	Polyvinyl Chloride (PVC) Pipes
(D4)	Tender Authority:	NDPW & I
(D5)	Tendering Entity name:	
(D6)	Tender Exchange Rate:	Pula

EU		GBP	
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[illegible][illegible][illegible][illegible]

Date:

This total must correspond with
Appendix C. C.23

3. Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1) Tender No.	BL22/024
(E2) Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3) Designated products:	Polyvinyl Chloride (PVC) Pipes
(E4) Tender Authority:	NDPW & I
(E5) Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R

(E10) Manpower costs (Tenderer's manpower cost) R

(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) R

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) R

(E13) Total local content R

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

Local Content Declaration - Summary Schedule

Note: VAT to be excluded from all calculations

(C1)	Tender No.	BL22/024
(C2)	Tender description:	WARDEN SAPS; REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(C3)	Designated product(s)	High Density Polyethylene (HDPE) Pipes
(C4)	Tender Authority:	NDPW & I
(C5)	Tendering Entity name:	
(C6)	Tender Exchange Rate:	Pula
(C7)	Specified local content %	100% EU

Calculation of local content								Tender summary			
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
pg.187/item 2	68mm Pipes laid in and including trenches, risk of collapse, approved back filling, compaction, etc not exceeding 1m deep							140			
pg.187/item 3	Carefully cut through existing concrete surface bed +- 80mm thick including 68mm pipes laid in trenches, approved back filling, compaction, risk of collapse, keeping excavation dry and carting away excavated material not exceeding 1m deep							27			
pg.211/item 26	100mm Diameter							480			
pg.211/item 27	50mm Diameter							80			
pg.211/item 28	100mm Diameter long radius bend							38			
pg.211/item 29	50mm Diameter long radius bend							15			
(C20) Total tender value R											
(C21) Total Exempt imported content R											
(C22) Total Tender value net of exempt imported content R											
(C23) Total Imported content R											
(C24) Total local content R											
(C25) Average local content % of tender											%

Signature of tenders from Annex B

Date:

4. Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. BL22/D24

(D2) Tender description: WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE

(D3) Designated Products: High Density Polyethylene (HDPE) Pipes

(D4) Tender Authority: NDPW & I

(D5) Tendering Entity name:

(D6) Tender Exchange Rate: Pula

Note: VAT to be excluded from all calculations

EU

GBP

A. Exempted imported content

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted Imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)

(D19) Total exempt imported value: R

This total must correspond with Annex C - C.21

B. Imported directly by the Tenderer

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total Imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)

(D32) Total Imported value by tenderer: R

C. Imported by a 3rd party and supplied to the Tenderer

Calculation of imported content										Summary	
Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total Imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)

(D45) Total Imported value by 3rd party: R

D. Other foreign currency payments

Calculation of foreign currency payments					Summary of payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above: R

This total must correspond with Annex C - C.23

Signature of tenderer from Annex B

Date:

4. Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1) Tender No.	BL22/024
(E2) Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3) Designated products:	High Density Polyethylene (HDPE) Pipes
(E4) Tender Authority:	NDPW & I
(E5) Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of Items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R

(E10) Manpower costs (Tenderer's manpower cost) R

(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) R

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) R

(E13) Total local content R

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

5. Annex C

Local Content Declaration - Summary Schedule

Tender No.	BL22/024
Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
Designated product(s)	STEEL PRODUCTS
Tender Authority:	NDPW & I
Tendering Entity name:	
Tender Exchange Rate:	Pula
Specified local content %	100%

GBP

EU

Note: VAT to be excluded from all calculations

		Calculation of local content					Tender summary				
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted Imported value	Tender value net of exempted Imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted Imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
pg.77/24	12mm Diameter bars							0,0079			
pg.77/25	16mm Diameter bars							0,3297			
pg.77/26	Two Y10 steel reinforcing bars in lengths not exceeding 5m long							6			
pg.77/27	Type 193 fabric reinforcement in concrete surface beds, slabs, etc							169			
pg.77/28	Type 156 fabric reinforcement in concrete surface beds, slabs, etc							80			
pg.77/29	Type 311 fabric reinforcement in concrete surface beds, slabs, etc							9			
pg.81/6	75mm Wide reinforcement built in							77			
pg.81/7	75mm Wide reinforcement built in horizontally in							1242			
pg.81/8	150mm Wide reinforcement built in horizontally							65			
pg.87/1	Roof covering with pitch not exceeding 25 degrees							1583			

[illegible]

pg.135/34	<p>Single door 894 x 1966mm high overall of 50 x 50 x 4mm hollow section outer frame, four 50 x 50 x 4mm intermediate rails and T- intersection welded and mitred, including 3mm thick sheet lining both sides folded and welded around frame at perimeter and popriveted to hollow section frame not exceeding 120mm centres, 230 x 230 x 50mm locking case of 6mm flat section face, back, top, bottom and sides welded to adjacent horizontal frames and three 6 mm thick 132 x 65mm overall built up steel hinges with M12 x 30 grade 8.8 bolt and lock nut, 16mm diameter chromium steel ball with grease nipple, welded to 50 x 50 x 4mm hollow section frame and 2mm door frame respectively (frame elsewhere), 6 x 38 x 230mm flat section bow handle four times bent across and pop riveted to 50 x 50 x 4mm hollow section frame complete (Including Lock)</p>											8
-----------	--	--	--	--	--	--	--	--	--	--	--	---

2				
2				
4				
8				
16				
16				
8				
10				
1				

pg.139/53	400mm long x 3mm Thick 100mm diameter galvanised mild steel pipe support welded to flanges at both ends								
pg.139/54	6mm Thick galvanised steel flange circular on plan in round form of 300mm diameter four times holed for bolts								
pg.139/55	2.5mm Thick 100 x 50mm galvanised steel channel section framed frame bolted to brick walls (Bolts elsewhere measured)								
pg.139/56	16mm Diameter galvanised bright mild steel bars welded to frame at both ends (In No 8)								
pg.139/57	2mm Thick galvanised perforated mild steel plate not exceeding 300mm wide welded to mild steel frame. The perforations to be at 8mm centres to 8mm pitch								
pg.139/58	2mm Thick galvanised perforated mild steel plate not exceeding 300mm wide riveted with 8mm diameter rivets at 150mm centres to mild steel frame. The perforations to be at 8mm centres to 8mm pitch								
pg.139/59	M12 Expansion galvanised bolts to concrete floor								
pg.139/60	M8 Expansion galvanised bolts to frame and brick wall								
pg.155/63	500 x 1200mm Drip tray with 100mm high upstand with top edge bent over all round including 50mm diameter overflow pipe 5m long approximately 3m above ground level								

[illegible]

15	3	312

[illegible]

3				
6				
0,19				
0,78				
4				
1				
0,98				

[illegible]

3			
44			
9			
47			
1			
6			
38			
1			
2			
1			
22			
8			
0,56			
0,16			
0,14			
0,87			

5. Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1)	Tender No.	BL22/D24	<p><i>Note:</i> VAT to be excluded from all calculations</p>
(D2)	Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE	
(D3)	Designated Products:	STEEL PRODUCTS	
(D4)	Tender Authority:	NDPW & I	
(D5)	Tendering Entity name:		
(D6)	Tender Exchange Rate:	Pula	

A. Exempted imported content

[illegible]

(D19) Total exempt imported value: R

This total must correspond with
Annex C - C21

B. Imported directly by the Tenderer

[illegible]

(D32) Total imported value by tenderer R

C. Imported by a 3rd party and supplied to the Tenderer

[illegible]

(D45) Total Imported value by 3rd party R

D. Other foreign currency payments

D. Other foreign currency payments			Calculation of foreign currency payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange
(D46)	(D47)	(D48)	(D49)	(D50)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above

This total must correspond with
Annex C - C.23

Signature of tenderer from Annex B

Date:

(E1)	Tender No.	BL22/024
(E2)	Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3)	Designated products:	STEEL PRODUCTS
(E4)	Tender Authority:	NDPW & I
(E5)	Tendering Entity name:	

[illegible]

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) R

This total must correspond with Annex C - C24

Date: _____

6. Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No. BL22/024

(C2) Tender description: WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE

(C3) Designated product(s): CEMENT PRODUCTS

(C4) Tender Authority: NDPW & I

(C5) Tendering Entity name:

(C6) Tender Exchange Rate: Pula

(C7) Specified local content % 100%

EU

GBP

Note: VAT to be excluded from all calculations

Calculation of local content				Tender summary		
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)
pg.142/item 1	15mm thick in top of brick work					
pg.142/item 2	15mm thick to brickwork work sides not exceeding 300mm wide					
pg.142/item 3	25mm thick on floors					
pg.142/item 4	Average 25mm thick to falls					
pg.142/item 5	thick on flat roofs					
pg.143/item 6	On walls					
pg.143/item 7	On narrow widths					
pg.143/item 8	On walls					
pg.75/item 1	Strip footing					
pg.75/item 2	Strip footing in confined spaces					
pg.75/item 3	Bases					
pg.75/item 4	Ground beams					
pg.75/item 5	Surface beds, slabs, etc					
pg.75/item 6	Concrete in composite slabs and ribs in slabs					
				(C20) Total tender value R	(C21) Total Exempt Imported content R	(C22) Total Tender value net of exempt imported content R
				(C16)	(C17)	(C18)
				1m ²		
				1m		
				499m ²		
				1m ³		
				145m ³		
				2235m ²		
				10m ²		
				921m ²		
				37m ³		
				37m ³		
				0.4m ³		
				1m ³		
				1m ³		
				22m ³		
				(C23) Total Imported content R	(C24) Total local content R	(C25) Average local content % of tender
						%

Signature of tenderer from Annex B

Date:

6. Annex D

SATS 1286.2011

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. BL22/024

(D2) Tender description: WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE

(D3) Designated Products: CEMENT PRODUCTS

(D4) Tender Authority: NDPW & I

(D5) Tendering Entity name:

(D6) Tender Exchange Rate: Pula

Note: VAT to be excluded from all calculations

EU

GBP

A. Exempted imported content

Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Calculation of imported content				Summary	
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)

(D18) Total exempt imported value R

This total must correspond with Annex C - E. 21

B. Imported directly by the Tenderer

Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Calculation of imported content				Summary	
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)

(D32) Total imported value by tenderer R

C. Imported by a 3rd party and supplied to the Tenderer

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Calculation of imported content				Summary	
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity Imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)

(D45) Total imported value by 3rd party R

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Calculation of foreign currency payments	
			Foreign currency value paid	Tender Rate of Exchange
(D46)	(D47)	(D48)	(D49)	(D50)

Signature of tenderer from Annex B

Date:

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of Imported content & foreign currency payments - (D32), (D45) & (D52) above R

This total must correspond with Annex C - E. 23

6. Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1) Tender No.	BL22/024
(E2) Tender description:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; AND STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE
(E3) Designated products:	CEMENT PRODUCTS
(E4) Tender Authority:	NDPW & I
(E5) Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R

(E10) Manpower costs (Tenderer's manpower cost)

R

(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.)

R

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.)

R

(E13) Total local content R

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

**T2.2 RETURNABLE DOCUMENTS THAT
WILL BE INCORPORATED
INTO THE CONTRACT**

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: BL22/024

Name of Tenderer

☐ EME¹ ☐ QSE² ☐ Non EME/QSE (tick applicable box)

1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.

Name and Surname #	Identity/ Passport number and Citizenship##	Percentage owned	Black	Indicate if youth	Indicate if woman	Indicate if person with disability	Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U).	Indicate if military veteran
1.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No

Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number
State date of South African citizenship obtained (not applicable to persons born in South Africa)

¹ EME: Exempted Micro Enterprise

² QSE: Qualifying Small Business Enterprise

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".
For Internal & External Use
Effective date 20 September 2021

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: BL22/024

2. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2017, National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

Signed by the Tenderer

	Name of representative	Signature
		Date

DPW-21 (EC): RECORD OF ADDENDA TO TENDER DOCUMENTS

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE		
Tender no:	BL22/024	Reference no:	4/2/1/1/10/6722

1. I / We confirm that the following communications received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

Name of Tenderer	Signature	Date

2. I / We confirm that no communications were received from the Department of Public Works and Infrastructure before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date



DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE		
Tender no:	BL22/024	Reference no:	4/2/1/1/10/6722

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

	Name and address of proposed Subcontractor	Nature and extent of work	Previous experience with Subcontractor
1			
2			
3			
4			
5			

Name of representative	Signature	Capacity	Date

Name of organisation:	
-----------------------	--



DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR

Project title:	WARDEN SAPS: REPAIRS AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVE OFFICE		
Tender no:	BL22/024	Reference no:	4/2/1/1/1/10/6722

Name of Electrical Contractor:	
Address:	
Electrical Contractor registration number at the Electrical Contracting Board of S.A.:	

Name of Tenderer	Signature	Date

DPW-23 (EC): SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project title:	WARDEN SAPS: REPAIR AND MAINTENANCE TO ELECTRICAL; STRUCTURAL AND CIVIL ELEMENTS TO THE STATION AND DETECTIVES OFFICE		
Tender no:	BL22/024	Reference no:	4/2/1/1/10/6722

This schedule should be completed by the tenderer. *(Attach additional pages if more space is required)*

Item	Material / Equipment	Rand (R) (Excluding VAT)
1.		R
2.		R
3.		R
4.		R
5.		R
6.		R

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Public Works and Infrastructure within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed.

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left(\frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date