



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DBN22/12/01

PROCUREMENT DOCUMENTS

FOR THE

DEPARTMENT PUBLIC WORKS AND INFRASTRUCTURE

AT

BERGVILLE MAGISTRATE: REPAIRS AND RENOVATIONS
INCLUDING UPGRADE AND INSTALLATION OF BOREHOLE

AT

BERGVILLE, KWAZULU-NATAL

VOLUME 2 of 3: RETURNABLE DOCUMENTS

Department Public Works and Infrastructure
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DECEMBER 2022

NAME OF TENDERER:

CIDB NO:

CSD SUPPLIER'S NO:

CSD UNIQUE NO:

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VOLUME 2: RETURNABLE DOCUMENTS

C2.2 BILLS OF QUANTITIES / LUMP SUM DOCUMENT

SECTION 1:

PRELIMINARIES

OCCUPATIONAL HEALTH AND SAFETY ACT

Item No	Quantity	Rate	Amount
<p><u>SECTION NUMBER 1</u></p>			
<p><u>BILL NUMBER 1</u></p>			
<p><u>PRELIMINARIES</u></p>			
<p>-WORK GROUP 190-</p>			
<p><u>MEANING OF TERMS "TENDER / TENDERER"</u></p>			
<p>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"</p>			
<p>Carried to Collection</p>			
<p>Section No. 1 Bill No. 1 Preliminaries RUBIQUANT QUANTITY SURVEYORS</p>		R	

BUILDING AGREEMENT AND PRELIMINARIES

The **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

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 abovementioned documents

TENDERER'S SELECTIONS

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

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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)

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PRICING OF BILLS OF QUANTITIES

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

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

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

VALUE ADDED TAX

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

SECTION A: PRINCIPAL BUILDING AGREEMENT

INTERPRETATION

A1.0 DEFINITIONS AND INTERPRETATION

2 Clause 1.0
The following definitions replace corresponding definitions or are added to the definitions in the **JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**, whatever the case may be

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

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

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

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

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

DEFAULT INTEREST: No Clause

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

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

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

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

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

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

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

Item

A2.0 LAW, REGULATIONS AND NOTICES

3 Clause 2.0

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

Item

A3.0 OFFER AND ACCEPTANCE

4 **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]

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T:.....

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A4.0 CESSION AND ASSIGNMENT

5 Clause 4.0
Ref Clause 6.7 [CD] - Clause 4.2
Replace Clause 4.3 with the following:
Where a contractor cedes any right or any monies due to or to become due under this **agreement** as security in favour of a financial institution, the prior written consent of the employer, which consent shall not be unreasonably withheld, must be obtained

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

Item

A5.0 DOCUMENTS

6 **Replace last sentence of Clause 5.2 with the following:**
The original signed agreement shall be held by the **Employer**

Replace Clause 5.4 with the following:
The Bills of Quantities shall not be used as a specification of material and goods or methods unless so instructed by the Principal Agent. The contractor may not use the Bills of Quantities for purpose of ordering material. All dimensions and quantities must be determined on site before ordering. In the event of discrepancy between the drawings and Bills of Quantity, the drawings shall take preference

Replace Clause 5.5 with the following:
The parties may publish or disclose on any platform only the contract scope and contract amount

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T:.....

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A6.0 EMPLOYER'S AGENTS

7 Clause 6.0
Replace Clause 6.5 with the following:
 Where the principal agent and/or an agent fails to act or is unable to act or ceases to be the principal agent or an agent in terms of this agreement, the employer shall appoint another principal agent and/or an agent

Add the following as Clause 6.7:
 In terms of the clauses listed hereunder, the employer has retained its authority and has not given a mandate to the principal agent, notwithstanding other provisions in the contract. The employer shall sign all documents in relation to clauses 4.2, 14.1.4, 14.4.1, 14.6, 15.1.4, , 15.4.1, 23.1, 23.2, 23.3, 23.7, 23.8, 26.1, 26.7, 26.12

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

Item

A7.0 DESIGN RESPONSIBILITY

8 Clause 7.0
Replace first sentence of Clause 7.2 with the following:
 Any design responsibility undertaken by a subcontractor shall not devolve on the contractor except for items that require specific component design and or compatibility design and or shop drawings and or the assembly thereof

F:..... V:.....
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INSURANCES AND SECURITIES

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A8.0 WORKS RISK

9 Clause 8.0
Replace Clause 8.4 with the following:
 The contractor shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the works as the **contractor** may deem necessary

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

Item

A9.0 INDEMNITIES

10 Clause 9.0
Add the following to the end of the first sentence of Clause 9.2.7:
 "... due to no fault of the **contractor**

9.2.9 No Clause

9.2.10 No Clause

Add the following as clause 9.3:
 The employer's rights to claim damages for the contractor's omissions and actions will not be affected.

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

Item

A10.0 INSURANCES

11 Clause 10.0
Replace Clause 10.1 with the following:
 The party responsible shall effect and keep the respective insurances [CD] in force, in favour of the employer as beneficiary , from the date of possession of the site until the issue of the certificate of practical completion and with an extension to cover the contractors obligations after the date of practical completion [8.2.2]

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

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

Add the following as Clause 10.1.5.1.1 Damage to the works

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

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

10.1.5.1.2 Injury to persons or loss of or damage to property

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

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

10.1.5.1.3 Replace Clause with the following:

It is the responsibility of the contractor to ensure that he

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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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A11.0 SECURITIES

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

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Add the following to Clause 11.1:

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

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

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

11.1.1 No Clause

11.1.2 No Clause

11.2.2 No Clause

11.3 No Clause

Replace Clause 11.4.1 with the following:

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

11.5 No Clause

11.6 No Clause

11.7 No Clause

11.8 No Clause

11.9 No Clause

11.10 No Clause

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Add the following as Clause 11.11:

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

Add the following as Clause 11.11.1:

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

Add the following as Clause 11.11.2:

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

Add the following as Clause 11.11.3:

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

Add the following as Clause 11.11.4:

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

Add the following as Clause 11.11.5:

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

Add the following as Clause 11.11.6:

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

Add the following as Clause 11.12:

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

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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

Add the following as Clause 11.12.4:

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

Add the following as Clause 11.13:

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

Add the following as Clause 11.13.1:

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

Add the following as Clause 11.13.2:

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

Add the following as Clause 11.13.3:

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

Add the following as Clause 11.13.4:

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

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Add the following as Clause 11.13.5:

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

Add the following as Clause 11.14.1:

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

Add the following as Clause 11.14.2:

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

Add the following as Clause 11.14.3:

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

Add the following as Clause 11.14.4:

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

Add the following as Clause 11.14.5:

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

Add the following as Clause 11.15:

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

Add the following as Clause 11.15.1:

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

Add the following as Clause 11.15.2:

The employer shall be entitled to recover expense and

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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).

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A12.0 OBLIGATIONS OF THE PARTIES

Clause 12.0

12.1.1 No Clause

Replace Clause 12.1.5 with the following:

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

12.1.6 No Clause

12.1.8 No Clause

Replace Clause 12.2.2 with the following:

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

Replace Clause 12.2.5 with the following :

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

Replace Clause 12.2.13 with the following:

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

Add the following as Clause 12.2.22:

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

Add the following as Clause 12.2.23:

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

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13 **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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14 **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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A13.0 SETTING OUT

15 Clause 13.0

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A14.0 NOMINATED SUBCONTRACTORS

16 Clause 14.0
 Ref Clause 6.7 [CD] - Clause 14.1.4
 14.1.5 No Clause
 Replace "principal agent " with "employer" [6.7 [CD]] in
 Clause 14.4.1
 Ref Clause 6.7 [CD] - Clause 14.6
 F:..... V:.....
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A15.0 SELECTED SUBCONTRACTORS

17 Clause 15.0
 Ref Clause 6.7 [CD] - Clause 15.1.4 & Clause 15.5
 15.1.5 No Clause
Replace Clause 15.1.2 with the following:
 The principal agent shall call for tenders from a list of
 tenderers agreed between the contractor and the
 employer
 Replace "principal agent " with "employer" [6.7 [CD]] in
 Clause 15.4.1
 F:..... V:.....
 T:.....

m

A16.0 DIRECT CONTRACTORS

18 Clause 16.0
 F:..... V:.....
 T:.....

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A17.0 CONTRACT INSTRUCTIONS

19 Clause 17.0
Replace Clause 17.4 with the following:
 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

Add the following clause as Clause 17.6:
 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.

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COMPLETION

A18.0 INTERIM COMPLETION

20 Clause 18.0 (N/A)

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

Item

A19.0 PRACTICAL COMPLETION

21 Clause 19.0

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

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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 such date

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

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

(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the

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certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).

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T:.....

A20.0 COMPLETION IN SECTIONS

22 Clause 20.0

Add the following as Clause 20.2.1.A
A certificate of Works Completion [19.8]

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T:.....

A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION

23 Clause 21.0

Replace Clause 21.1 with the following:
The defects liability period for the works shall commence on the calendar day following the date of works completion and end at midnight (00:00) ninety (90) calendar days from the date of works completion [CD] or when work on the list for completion has been satisfactorily attended to [21.6), whichever is the later (if we use works completion)

Replace Clause 21.6 with the following:
On the expiry of the ninety (90) calendar days defects liability period [21.1] for items not indicated as items with an extended liability as indicated in B14 and on receipt of the contractor's notice to the principal agent

And/or

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

(1) inspect the works And within ten (10) working days either issue a list for final completion detailing all outstanding work or defects that must be attended to, or rectified to achieve final completion or

(2) issue the certificate of final completion to the contractor with a copy to the employer for that part of

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the works where defects liability period has expired

21.6.1 Omit Clause

21.6.2 Omit Clause

Add the following as Clause 21.13:

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

Add the following as Clause 21.14:

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

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A22.0 LATENT DEFECTS LIABILITY PERIOD

24 Clause 22.0

22.3.2 No Clause

F:..... V:.....
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A23.0 REVISION OF THE DATE FOR PRACTICAL COMPLETION

25 Clause 23.0

Ref Clause 6.7 [CD] – Clause 23.1
 Ref Clause 6.7 [CD] – Clause 23.2
 23.2.13 No Clause

Replace Clause 23.3 with the following:
 Further circumstances that delays practical completion due to any other cause beyond the contractor's reasonable control that could not have reasonably been anticipated and provided for which the contractor may be entitled to a revision of the date for practical completion, with or without an adjustment of the contract value as determined by the Employer [6.7 CD]

Ref Clause 6.7 [CD] - Clause 23.7
 Ref Clause 6.7 [CD] - Clause 23.8

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A24.0 PENALTY FOR LATE OR NON-COMPLETION

26 Clause 24.0

Replace Clause 24.1 with the following:

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

Replace Clause 24.2 with the following:

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

Replace Clause 24.2.1 with the following:

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

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PAYMENT

A25.0 PAYMENT

27 Clause 25.0

Replace Clause 25.2 with the following:

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

Add the following to Clause 25.3:

25.3.12 Monthly Local content report,

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

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25.3.14 Tax Invoice

25.3.15 Labour intensive report

25.3.16 Contract participation goal reports

25.5 No Clause

Replace Clause 25.6 with the following:

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

25.7.5 No clause.

Replace Clause 25.10 with the following:

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

Replace Clauses 25.12 to 25.12.3 with the following:

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

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

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

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

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

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final completion

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

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

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

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

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

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

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

25.12.10 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except were 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

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

28

Clause 26.0

Ref Clause 6.7 [CD] – Clause 26.1

Omit Clause 26.4.3

Ref Clause 6.7 [CD] – Clause 26.7

Replace Clause 26.10 with the following:

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

Ref Clause 6.7 [CD] – Clause 26.12

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A27.0 RECOVERY OF EXPENSE AND/OR LOSS

29 Clause 27.0

Replace Clause 27.1.2 with the following:
Interest due to late payment only

Replace Clause 27.1.4 with the following:
Interest due to late payment only

27.1.5 No Clause

Replace Clause 27.5 with the following:
Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security

Add the following as Clause 27.6:
Where a provisional sequestration or provisional liquidation order has been granted or where an order has been granted which commences sequestration, liquidation, bankruptcy, receivership, winding-up or any similar effect, against the contractor or this agreement is cancelled in terms of 29, the employer may issue a demand to the guarantor in terms of the construction guarantee or advance payment guarantee held as security

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SUSPENSION AND TERMINATION

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A28.0 SUSPENSION BY THE CONTRACTOR

30 Clause 28.0

- 28 No Clause
- 28.1 No Clause
- 28.1.1 No Clause
- 28.1.2 No Clause
- 28.1.3 No Clause
- 28.1.4 No Clause
- 28.1.5 No Clause
- 28.2 No Clause
- 28.3 No Clause
- 28.4 No Clause

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A29.0 TERMINATION

31 Clause 29.0

Add the following as Clause 29.1.4:
The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

Add the following as Clause 29.1.5:
The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract
Add the following as Clause 29.1.6:
Honour his obligations in terms of Clauses 10.1.5.1.3, 11.4.1 and 12.2. sub Clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22.

Replace Clause 29.7 with the following:
The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3]

Replace Clause 29.9 with the following:
The employer has the right of recovery against the contractor, where applicable, [CD] from:
The guarantee for construction (variable) until the final payment has been made;

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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

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DISPUTE RESOLUTION

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A30.0 DISPUTE RESOLUTION

32 Clause 30.0

Replace Clause 30.2 with the following:

Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation
30.3 to 30.7.7 No Clauses

Replace Clause 30.8 with the following:

The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:
30.8.1 No Clause

Replace Clause 30.8.2 with the following:

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

Replace Clause 30.8.3 with the following:

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

Replace Clause 30.9 with the following:

Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse
30.10 No Clause
30.12 No Clause

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SECTION B: GENERAL PRELIMINARIES

B1.0 DEFINITIONS AND INTERPRETATION

33 **B1.1 Definitions**

F:..... V:.....
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34 **B1.2 Interpretation**
 F:..... V:.....
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B2.0 DOCUMENTS

35 **B2.1 Checking of documents**
 F:..... V:.....
 T:.....

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36 **B2.2 Provisional bills of quantities**
 F:..... V:.....
 T:.....

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37 **B2.3 Availability of construction information**
 F:..... V:.....
 T:.....

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38 **B2.4 Ordering of materials and goods**
 F:..... V:.....
 T:.....

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**B3.0 PREVIOUS WORK AND ADJOINING
PROPERTIES**

39 **B3.1 Previous work - dimensional accuracy**
 F:..... V:.....
 T:.....

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40 **B3.2 Previous work - defects**
 F:..... V:.....
 T:.....

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41 **B3.3 Inspection of adjoining properties**
 F:..... V:.....
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B4.0 THE SITE

42 **B4.1 Handover of site in stages**

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T:.....

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43 **B4.2 Enclosure of the works**

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

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44 **B4.3 Geotechnical and other investigations**

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

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45 **B4.4 Encroachments**

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

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46 **B4.5 Existing premises occupied**

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

Item

47 **B4.6 Services - known**

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

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B5.0 MANAGEMENT OF CONTRACT

48 **B5.1 Management of the works**

F:..... V:.....
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49 **B5.2 Progress meetings**

F:..... V:.....
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50 **B5.3 Technical meetings**
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 T:.....

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**B6.0 SAMPLES, SHOP DRAWINGS AND
MANUFACTURER'S INSTRUCTIONS**

51 **B6.1 Samples of materials**
 F:..... V:.....
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52 **B6.2 Workmanship samples**
 F:..... V:.....
 T:.....

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53 **B6.3 Shop drawings**
 F:..... V:.....
 T:.....

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54 **B6.4 Compliance with manufacturer's instructions**
 F:..... V:.....
 T:.....

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B7.0 DEPOSITS AND FEES

55 **B7.1 Deposits and fees**
 F:..... V:.....
 T:.....

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B8.0 TEMPORARY SERVICES

56 **B8.1 Water**
 F:..... V:.....
 T:.....

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57 **B8.2 Electricity**
 F:..... V:.....
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58 **B8.3 Ablution and welfare facilities**

F:..... V:.....
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59 **B8.4 Communication facilities**

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

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B9.0 PRIME COST AMOUNTS

60 **B9.1 Responsibility for prime cost amounts**

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

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B10.0 ATTENDANCE ON SUBCONTRACTORS

61 B10.1 General attendance

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

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62 **B10.2 Special attendance**
F:..... V:.....
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B11.0 GENERAL

63 **B11.1 Protection of the works**
F:..... V:.....
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64 **B11.2 Protection/isolation of existing works and works occupied in sections**
F:..... V:.....
T:.....

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65 **B11.3 Security of the works**
F:..... V:.....
T:.....

Item

66 **B11.4 Notice before covering work**
F:..... V:.....
T:.....

Item

67 **B11.5 Disturbance**

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

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Item

68 **B11.6 Environmental disturbance**
F:..... V:.....
T:.....

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69 **B11.7 Works cleaning and clearing**
F:..... V:.....
T:.....

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70 **B11.8 Vermin**
F:..... V:.....
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71 **B11.9 Overhand work**
F:..... V:.....
T:.....

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72 **B11.10 Tenant installations**
F:..... V:.....
T:.....

Item

73 **B11.11 Advertising**
F:..... V:.....
T:.....

Item

SECTION C: SPECIFIC PRELIMINARIES

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

74 **C1.0 CONTRACT DRAWINGS**

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

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**

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75 **C2.0 PREAMBLES**

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

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

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76 **C3.0 TRADE NAMES**

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

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

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77 C4.0 IMPORTED MATERIALS AND EQUIPMENT

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

Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)

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78 C5.0 VIEWING THE SITE IN SECURITY AREAS

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

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79 C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS

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

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80 **C7.0 ENTRANCE PERMITS TO SECURITY AREAS**

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

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81 **C8.0 SECURITY CHECK OF PERSONNEL**

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

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

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82 **C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS**

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

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

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HIV/AIDS AWARENESS

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

83

C10.1 AWARENESS CHAMPION

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

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T:.....

Item

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84 **C10.2 AWARENESS WORKSHOPS**

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

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Item

85 **C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.**

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

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Item

86 **C10.4 ACCESS TO CONDOMS**

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

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Item

87 **C10.5 MONITORING**

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

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88 C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT

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

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

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

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

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

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

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

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

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

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

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**C13.0 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 labourintensive 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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SECTION 2:
BUILDING WORK

Item No		Quantity	Rate	Amount
	<p><u>SECTION NUMBER 2</u></p> <p><u>BILL NUMBER 1</u></p> <p><u>ALTERATIONS (PROVISIONAL)</u></p> <p>JBCC Work Group No. 102</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>For Preambles see "PW371 - Specification of Materials and Methods to be used"</p> <p style="text-align: center;">-----</p> <p>NOTE : All materials from demolitions are to be removed from site unless otherwise stated.</p> <p>The whole of the old materials arising from the alterations shall become the property of the Contractor and shall be carted away from the site immediately as it becomes available.</p> <hr style="width: 30%; margin-left: 0;"/>			
1	<p>Bidders are notified that the existing buildings are presently occupied and employees will take out and remove their own furniture, fixtures and fittings before vacating any part of the premises. Tenderers shall liaise with the Architect to ascertain which furniture, fixtures and fittings form part of the building to be handed over for alterations before making allowances in respect thereof and before submitting a tender. The repairs and renovations to the offices will be one office at a time, must take in consideration that it will take longer to complete the office block</p>	Item		
2	<p>No services (ie. air conditioning, telephone systems, electricity, etc.) shall be disconnected or disturbed in any way by the Contractor without due notice to the Architect, who will make the necessary arrangements, etc., thereto. The Contractor shall be liable for any damage to this work and shall make same good at his own expense.</p>	Item		
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	<p>Section No. 2 Bill No. 1 Alterations RUBIQUANT QUANTITY SURVEYORS</p>			

3	The removal of and alterations to the electrical and air conditioning installations shall be executed by direct sub-contractors (as elsewhere provided) and the Contractor shall be responsible for the co-ordination of such work with his own.	Item	
4	Prices for the demolition of any portion of the structure shall include for its demolition complete with all surface finishes such as plaster, screeds, etc., all attached items of joinery such as skirtings, etc., and all reinforcement, conduit, pipes, lintels, etc., built into that portion of the structure.	Item	
5	In taking down and removing existing work the utmost care shall be observed to avoid any structural or other damage to the remaining portions of the building. The Contractor shall cover up and protect from injury all work not removed and shall make good at his own expense any damage that may occur.	Item	
6	Provide and erect all casings and protection for and cover up all existing fittings, doors, windows, joinery work, walls, floors, etc., not disturbed during the alterations, clear away and make good on completion.	Item	
7	Provide, erect and remove when directed all temporary roof coverings, tarpaulins, dust and weatherproof screens and barriers that may be necessary as protection against inclement weather or other damage, to the Architect's satisfaction.	Item	
8	Allow for watering the Works with a jet or spray sufficiently to prevent any nuisance from dust during the alterations or demolitions.	Item	
9	Provide, erect and remove when directed all incidental shoring, needling, strutting, etc., that may be necessary while carrying out any portion of the Works to ensure stability of the premises with suitable and substantial timber and other materials. Prices for all items of demolition to form openings shall include for the provision of such support.	Item	
10	Prices for the removal of doors and frames shall include for the removal of fanlights, ironmongery, architraves and other associated trimmings.	Item	
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11 Prices for the removal of sanitary fittings shall include for the removal of copper service pipes, traps, brackets and cisterns.

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TEMPORARY BARRIERS & SCREENS

Temporary , barriers , screens , etc. including removal :

12	Dust screen 2.70m high between concrete floor and ceiling of suitable timber framing with 250 micron polyethylene sheeting stapled on , including corners , ends , etc.	m	22
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TAKING OVER SITE (102)

13	Allow for taking over and verifying the site and existing structures thereon. Within three weeks of receiving possession of the site the Contractor shall check the extent, positions, salient dimensions and levels of the existing reinforced concrete frame and all other work constructed under the previous contracts and shall ascertain that they correspond with the positions, salient dimensions and levels of the Works as shown on the drawings issued for this Contract.		Item
14	In the event of any discrepancies being found the Contractor shall immediately notify the Architect thereof.		Item

REMOVAL OF EXISTING WORK

Break up and remove mass concrete:

15	Aprons, water channels and foundations	m3	16
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Breaking up and removing reinforced concrete including cutting off and removing reinforcement:

16	Steps and landings	m3	5
17	Ramps	m3	9
18	100mm to 200mm Thick surface bed	m3	55

Taking out and removing doors, windows, etc

19	Timber single door and steel frame	No	54
20	Steel strongroom single door and frame	No	2
21	Single security gate	No	19

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22	Garage door	No	5
	<u>Take out and remove built in cupboard doors, frames, shelves, cleats, bearers and shelving from brickwork.(new measured elsewhere)</u>		
23	Timber shelving approximately 2 100mm high, consisting of five timber shelves with wall brackets fixed to brickwork including making good to plaster	m	28
24	Timber coat hooks approximately 3 600mm long, consisting of one timber rail with hooks fixed to brickwork including making good to plaster	m	8
	<u>Taking out and removing kitchen units, etc.</u>		
25	Steel sink unit including removing sink, temporarily disconnecting services and reinstating when new cupboard and sink (elsewhere measured) installed	No	2
26	Ditto, Floor unit	No	2
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc:</u>		
27	Plaster from walls external	m2	62
28	Plaster from walls internal	m2	78
	<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>		
29	Ceramic tiles to walls	m2	88
	<u>Hacking up/off and removing porcelain 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>		
30	Ceramic tile to floors	m2	581

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<u>Taking down and removing vinyl floor covering, carpet, ceiling, etc. and prepare to receive new</u>				
31	Gypsum plasterboard or fibre cement ceilings including cornices, cover strips, timber brandering, etc. (Provisional)	m2	549	
32	Suspended ceiling exceeding 3m high above floor level to receive new suspended ceiling (elsewhere measured)	m2	93	
33	Accoustic panels to court rooms	m2	59	
34	Accoustic ceiling boards to court rooms walls	m2	24	
35	Vinyl tile floor covering	m2	488	
36	Carpet floor covering	m2	10	
37	Timber skirtings from brickwork	m	853	
<u>Taking down and removing roofs, flashing, fascias, bargeboards etc</u>				
38	Roof sheeting, verge flashings and timber purlins.	m2	147	
39	Fibre cement fascias and barge boards	m	773	
<u>Taking out and removing water piping, gutters, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paint work elsewhere):</u>				
40	Galvanised mild steel rainwater pipe and holderbats	m	393	
41	Galvanised mild steel eaves gutter and brackets	m	198	
42	22mm Galvanised steel piping including fittings and brackets	m	122	
43	30mm Galvanised steel piping including fittings and brackets	m	24	
44	50mm uPVC piping including fittings and brackets	m	40	
45	110mm uPVC piping including fittings and brackets	m	78	
46	15mm Copper piping including fittings and brackets	m	145	
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47	22mm Copper piping including fittings and brackets	m	132
48	32mm Copper piping including fittings and brackets	m	92
<u>Take out carefully and remove sanitary fittings complete with all pipe work, fittings, etc., to receive new.</u>			
49	Wash hand basin	No	15
50	WC Suite consisting of pan and cistern complete	No	18
51	Urinal	No	2
52	Stainless steel single bowl sink 2 000mm on sink floor unit	No	2
53	High pressure water heater, including temporarily stopping off services (new geyser elsewhere)	No	3
<u>Taking out and removing ironmongery:</u>			
54	Remove pelmet and curtain track, including making good to plaster	m	45
55	Towel rails including making good to brickwork or tiling, etc.	No	4
56	Toilet roll holder including making good to brickwork or tiling, etc.	No	6
<u>Taking out and removing joinery fittings, etc.</u>			
57	Carefully remove all court room benches, tables, etc. and place in store for safe keeping	No	10
58	Carefully remove all loose furniture, cabinets, cupboard etc. and place in store for safe keeping	No	18
59	Carefully remove all waiting room benches and place in store for safe keeping	No	5
<u>Taking out and removing glass and mirrors.</u>			
60	Mirrors not exceeding 1,0 m2	m2	4
61	Glass panes from windows not exceeding 1,0 m2	m2	26

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<u>CUTTING THROUGH FLOORS AND CEILINGS</u>		
<u>Cutting through floors</u>		
62	Cutting through 100mm thick concrete surface bed for trenching for piping not exceeding 150mm wide, including making good concrete	m 11
<u>MAKING GOOD OF FINISHES ETC</u>		
<u>Service existing steel windows</u>		
63	Overhaul, adjust and service to ensure proper operation	No 47
64	Extra on servicing existing steel window sash for supply and fitting new handle	No 34
65	Extra on servicing existing steel window sash for supply and fitting sliding stay	No 34
<u>Servicing of ironmongery :</u>		
66	Service existing mortice lock , oil and ease furniture and lock , replace missing keys , and refix with matching screws incl. ressetting striking plate .	No 21
<u>PREPARATORY WORK TO EXISTING SURFACES</u>		
<u>Clean existing roof covering using a high pressure water cleaning system and steel brushes removing all loose paint, spawl and deliterious matter.</u>		
67	Corrugated roof sheeting.	m2 704
<u>Preparation to existing vertical surfaces</u>		
68	Chipping existing plaster to receive wall tiling (tiling elsewhere)	m2 34
<u>Preparation to existing horizontal surfaces.</u>		
69	Hack face of existing screeds to receive floor tiling (tiling elsewhere)	m2 495
70	Sand down, clean, prepare and varnish existing Hardwood floor covering according to Architect specification	m2 94
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<u>Making good cement plaster:</u>		
71	Chase out plaster cracks to form recess 25mm wide and 20mm deep, and fill with 1:4 cement mortar, including floating up smooth to match existing.	m 34
72	Chase out cracks in plastered brickwork to form groove, hack away plastered surface to form approximately 300 mm wide clean surface, fix chickenmesh over whole opening and plaster to a smooth surface to match existing	m 15
<u>Pressure clean to remove all dirt, algae, etc., point and fill joints where necessary</u>		
73	On external facebrick work	m2 176
<u>Sundries:</u>		
74	Carefully cut out and remove damaged window cills from brick wall, pointing and repoint with 3:1 cement mortar to match existing with colour matched tinted mortar	m 45
75	Cut out for brass dividing strip or weather bar in existing concrete floor	m 76
76	Sand down existing surface not exceeding 500mm wide and prepare and seal with approved timber sealer.	m 17
77	Clean out existing conservancy tank in ground approximately 5000 x 3000 x 2000mm deep complete	No 1
<u>Clean all concrete and paving surfaces and treat with weed poison</u>		
78	Concrete surfaces	m2 269

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PREVIOUSLY PAINTED SURFACES

General Notes:

All surfaces to be perfectly dry & in a fit state to receive paint before any application commences

ON PLASTER

Wash down, remove all loose & flaking paint, rake out all cracks & crevices and fill approved flexible acrylic sealant, spot prime and rub down to even surface to receive new paint.

79	On internal plastered walls	m2	1 134
80	On external plastered walls	m2	625

ON METAL

Prepare, removing all rust to bright metal, spot priming bare metal surfaces with zinchromate primer to receive new paint on:

81	On gates, grilles, burglar screens, balustrades, etc. (both sides measured over the full flat area)	m2	15
82	On windows with burglar proofing (both sides measured)	m2	69

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	<u>BILL NUMBER 2</u>			
	<u>EARTHWORKS (Provisional)</u>			
	JBCC Work Group No. 104			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<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>EXCAVATION, ETC.</u>			
	<u>Excavation in earth not exceeding 2.00m deep</u>			
1	Reduce levels under floors	m3	149	
2	Trenches "LI"	m3	237	
3	Holes "LI"	m3	147	
	<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	319	
	<u>Risk of collapse of excavations</u>			
5	Sides of excavations not exceeding 1,50m deep	m2	1 146	
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	<u>Keeping excavations free of water</u>		Item	
6	Keeping excavations free of water			
	<u>FILLING, ETC.</u>			
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Modified AASHTO density</u>			
7	Backfilling to trenches, holes, etc.	m3	160	
	<u>Earth filling supplied by the contractor compacted to 90% Modified AASHTO density</u>			
8	Under floors, steps, pavings, etc.	m3	111	
	<u>Compaction of surfaces</u>			
9	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	656	
	<u>SOIL POISONING</u>			
	<u>Soil insecticide</u>			
10	Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming	m2	537	
11	To bottoms and sides of trenches, etc.	m2	302	
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	<u>BILL NUMBER 3</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>CONCRETE</u>			
	JBCC Work Group No. 110			
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>15MPa/19mm concrete</u>			
1	Surface blinding under footings and bases	m3	9	
	<u>20MPa/19mm concrete</u>			
2	Concrete infill between brick skins, cast in maximum 1500mm highs	m3	42	
	<u>REINFORCED CONCRETE</u>			
	<u>25 Mpa/19mm Concrete poured around reinforcement:</u>			
3	Strip footings	m3	55	
4	Surface beds	m3	55	
5	Ramp	m3	10	
6	Bases	m3	35	
7	Stub Columns	m3	3	
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<u>30MPa/19mm concrete poured around reinforcement:</u>			
8	Slab	m3	16
9	Beams	m3	17
10	Columns	m3	5
<u>TEST BLOCKS</u>			
11	Making and testing set of three of 150 x 150 x 150mm concrete strength test cubes (Provisional)	Sets	32
<u>CONCRETE SUNDRIES</u>			
<u>Finishing surfaces of concrete smooth with a wood float</u>			
12	Surface beds, slabs, etc.	m2	163
<u>Finishing surfaces of concrete smooth with a power float</u>			
13	Surface beds, slabs, etc.	m2	470
<u>MOVEMENT JOINTS, ETC.</u>			
<u>Concrete movement joint with 10mm polystyreen between vertical brick and concrete surfaces</u>			
14	Concrete movement joint	m	94
<u>Slip joints</u>			
15	Two layers 3 mm thick tempered masonite not exceeding 300 mm wide fixed horizontally in position between brick and concrete surfaces	m	94
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FORMWORK

JBCC Work Group No. 111

GENERAL FORMWORK

General formwork

16	Edges, risers, ends and reveals not exceeding 300mm high or wide "L"	m	31
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Rough formwork to soffits

17	Slab propped up not exceeding 3.5m "L"	m2	96
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Smooth formwork to sides and soffits of

18	Beams not exceeding 3.5m high "L"	m2	146
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19	Columns not exceeding 3.5m high "L"	m2	101
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REINFORCEMENT (Provisional)

JBCC Work Group No. 114

Fabric reinforcement

20	Type 245 fabric reinforcement in concrete surface beds, slabs, etc	m2	520
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21	Type 617 fabric reinforcement in concrete surface beds, slabs, etc	m2	17
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Mild steel reinforcement

22	8mm Diameter rods	t	15.57
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23	10mm Diameter rods	t	4.28
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High tensile steel reinforcement

24	12mm Diameter bars	t	12.51
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Concrete, Formwork & Reinforcement

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Bill No. 3

Concrete, Formwork & Reinforcement

RUBIQUANT

QUANTITY SURVEYORS

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 4</u>			
	<u>MASONRY</u>			
	JBCC Work Group No. 118			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>FOUNDATION BRICKWORK (Provisional)</u>			
	<u>Brickwork of NFX bricks in 3 :1 cement mortar:</u>			
1	One brick walls "LI"	m2	36	
2	330mm cavity brick walls "LI"	m2	162	
	<u>SUPERSTRUCTURE BRICKWORK</u>			
	<u>Brickwork of hard burnt clay bricks in (6:1) cement mortar</u>			
3	330mm cavity brick walls "LI"	m2	290	
4	270mm cavity brick walls "LI"	m2	230	
5	One brick wall "LI"	m2	403	
6	Half brick wall "LI"	m2	110	
7	Half brick wall in beamfilling "LI"	m2	117	
	Carried to Collection			
	Section No. 2 Bill No. 4 Masonry RUBIQUANT QUANTITY SURVEYORS			R

FACE BRICKWORK

Face bricks pointed with horizontal and vertical joints to match existing

8	Extra over brickwork for face brickwork	m2	25
9	Brick-on-edge header course coping to top of one brickwall, built fair and pointed on top and both edges	m	23

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Section No. 2
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Masonry
**RUBIQUANT
QUANTITY SURVEYORS**

<u>BRICKWORK SUNDRIES</u>					
<u>Joint forming material in movement joints</u>					
10	12mm Bitumen impregnated fibre board built in vertically between brick skins (Provisional)	m2	12		
<u>Brickwork reinforcement</u>					
11	75mm Wide reinforcement built in horizontally	m	4 311		
12	150mm Wide reinforcement built in horizontally	m	1 296		
<u>Prestressed lintels</u>					
13	100 x 70mm Lintels in lengths not exceeding 3m	m	72		
<u>Turning pieces</u>					
14	220mm Wide turning piece to lintels, etc	m	2		
<u>Galvanised hoop iron cramps, ties, etc</u>					
15	32 x 1,6mm Roof tie 1600mm long with one end fixed to timber and other end built into brickwork	No	375		
<u>Air bricks, etc. (Provisional)</u>					
16	230 x 150mm Clay vermin proof air brick	No	8		
<u>SILLS, ETC</u>					
<u>Fibre cement sills including galvanised lugs and fixing to brickwork to match existing</u>					
17	Internal sill set flat and slightly projecting	m	19		
<u>Tiled sills including galvanised lugs and fixing to brickwork to match existing</u>					
18	External sill set sloping	m	19		
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RUBIQUANT

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 5</u>			
	<u>WATERPROOFING</u>			
	JBCC Work Group No. 120			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
	<u>One layer of 375 micron embossed polyethylene damp proof course</u>			
1	In walls, below sills, etc.	m2	72	
	<u>One layer of 250 micron polyethylene waterproof membrane sealed at laps with pressure sensitive tape</u>			
2	Under surface beds	m2	537	
	<u>SHEET STEEL FLASHINGS, LININGS, COPINGS, ETC</u>			
	<u>0,8mm Z275 galvanised steel with "Chromadek" finish one side and standard backing coat</u>			
	<u>FLASHINGS</u>			
3	"Sealoflex G2" cover flashing or other approved, sealed to wall and over roofing, etc., in strict accordance with the manufacturer's instructions, or other approved	m2	23	
	Carried to Collection			R
	Section No. 2 Bill No. 5 Waterproofing RUBIQUANT QUANTITY SURVEYORS			

WATERPROOFING TO ROOFS

Derbigum roofing to low-slope (flat) screeded concrete roofs or other approved

4 One layer SP4 waterproofing membrane, with 75mm side and 100mm end laps, sealed to bitumen primed surface to falls and cross falls by 'torchfusion' finished with two coats bitumenous aluminum paint.
(Waterproofing to be installed by an Approved Contractor under a ten year guarantee)

m2

96

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Waterproofing
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Waterproofing

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Waterproofing

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NUMBER 2</u></p> <p><u>BILL NUMBER 6</u></p> <p><u>ROOF COVERINGS, ETC.</u></p> <p>JBCC Work Group No. 122</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>For Preambles see "PW371 - Specification of Materials and Methods to be used"</p> <p align="center">-----</p> <p><u>PROFILED METAL SHEETING AND ACCESSORIES</u></p> <p><u>Global Roofing Solutions or equal and approved @ 700,58mm thick 700mm cover Klip-Tite™ profile Z275spelter ISQ550 galvanised steel roof sheeting, fixed totimber intermediate purlins at 600mm centres andeaves and ridge purlins at 600mm centres usingKL700 clips fixed with 10No.16 x 16mm long selfdrilling wafer head PH2 screws, No. 3 drill pointfasteners, all in accordance with the manufacturer'sspecifications.</u></p> <p><u>CORRUGATED METAL SHEETING AND ACCESSORIES</u></p> <p><u>0,6mm Full hard corrugated single spelter galvanised sheet steel fixed to timber purlins or rails, with a chromadek coating to architects specification and colour:</u></p>			
1	Roof covering with pitch not exceeding 25 degrees "LI"	m2	376	
2	Roof covering with pitch exceeding 25 degrees "LI"	m2	187	
	Carried to Collection			
	<p>Section No. 2 Bill No. 6 Roofcovering RUBIQUANT QUANTITY SURVEYORS</p>			R

	<u>0.6mm Full hard corrugated single spelter galvanised sheet steel fixed to Steel members or rails, with a chromadek coating to architects specification and colour:</u>		
3	Roof covering with pitch not exceeding 25 degrees "LI"	m2	186
	<u>0.6mm Full hard corrugated single spelter galvanised sheet steel fixed to timber purlins or rails, complete with Ridge/Hip flashings manufactured by Global Roofing Solutions upon special request to match existing roof covering (Paint measured elsewhere):</u>		
4	Roof covering with pitch exceeding 25 degrees "LI"	m2	503
	<u>0.8mm Global Roofing Solutions or equal and approved complete with fixing brackets , all in accordance with the manufacturer's specifications.</u>		
5	Ridge capping	m	119
6	Eave flashing	m	164
7	Head wall flashing 375mm girth	m	42
8	Cover flashing	m	84
9	Hip capping	m	29
10	Side wall flashing 460mm girth	m	10
11	Valley gutter lining, three times bent and dressed into valleys and over battens (elsewhere) with minimum 300mm end laps.	m2	34
	<u>ROOF INSULATION</u>		
	<u>Sisalation 420' heavy industrial grade reinforced aluminium foil and polyethylene insulation</u>		
12	Insulation laid taut over purlins (at maximum 1000mm centres) and fixed concurrent with roof covering, including galvanised steel straining wires "LI"	m2	986

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Bill No. 6

Roofcovering

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Roofcovering

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<p><u>SECTION NUMBER 2</u></p>			
<p><u>BILL NUMBER 7</u></p>			
<p><u>CARPENTRY AND JOINERY</u></p>			
<p>JBCC Work Group No. 126</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p>For Preambles see "PW371 - Specification of Materials and Methods to be used"</p>			
<p>-----</p>			
<p><u>ROOFS, ETC.</u></p>			
<p><u>PRETREATMENT OF TIMBER</u></p>			
<p>This service falls within the area defined in Government Gazette No 2577 of 1978-12-29 containing regulations for Treatment of Timber against insect pest affecting softwood fixed permanently in the building and tenderers are to make allowance in their rates for any additional expense in this regard.</p>			
<p><u>THE FOLLOWING IN ROOF CONSTRUCTION TO REPLACE EXISTING</u></p>			
<p><u>ROOF CONSTRUCTION</u></p>			
<p>All trusses are to be manufactured by an approved specialist factory</p>			
<p>Carried to Collection</p>			
<p>Section No. 2 Bill No. 7 Carpentry and Joinery RUBIQUANT QUANTITY SURVEYORS</p>			
		R	

GENERAL

TRUSS LOADING

The trusses have to be designed for a live load of 0,50kN/m²

The dead load of the trusses shall be to accommodate concrete roof tiles on 38 mm x 38 mm SA Pine battens, a gypsum and / or fibre cement board ceiling nailed on 38 x 38 mm brandering at 450 mm centres in both directions and 75 mm insulation wool

TRUSS DESIGN

All trusses shall be designed by a Registered Professional Engineer (in accordance with the SABS Code of Practices for the Design of Timber Structures)

TRUSS PITCH

The truss pitch shall be as described in the Bills of Quantities for each respective truss type

PREFABRICATED TIMBER ROOF TRUSSES (PROVISIONAL)

The following in plate nailed timber roof trusses with a pitch not exceeding 27,5°, from an approved supplier, delivered to site, hoisted into position, fixed and braced on timber wall plates.

- 1 Single pitch timber roof truss construction with 2 degree slope, 200mm over-hang both sides and tie beam spanning 8.00 - 14.00m, complete for L-Shaped Walkway covering size 13m x 4m wide and 14m x 4m wide approximately, with 1.2m spacing between trusses, including cross bracing etc.

Note: price for complete roof construction for hole building excluding wall plates, and purlins.

No 1

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2	<p>Single pitch timber roof truss construction with 2 degree slope, 200mm over-hang both sides and tie beam spanning 8.00 - 11.00m, complete for Walkway covering size 11m x 3m wide approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1		
3	<p>Double pitch timber roof truss construction with 10 degree pitch, 400mm over-hang both sides and tie beam spanning 2.00 - 3.00m, complete for walkway size 11m x 3m approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1		
4	<p>Double pitch timber roof truss construction with 10 degree pitch, 400mm over-hang both sides and tie beam spanning 2.00 - 3.00m, complete for walkway size 8m x 3m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into roof truss construction for guard house building</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1		
5	<p>Double pitch timber roof truss construction with 10 degree pitch, 400mm over-hang both sides and tie beam spanning 2.00 - 3.00m, complete for walkway size 8m x 3m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into existing concrete slab</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1		
6	<p>Double pitch timber roof truss construction with 10 degree pitch, 400mm over-hang both sides and tie beam spanning 2.00 - 3.00m, complete for walkway size 5m x 3m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into 15degree stop walkway roof</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1		
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7	<p>Single pitch timber roof truss construction with 15 degree slope, 200mm over-hang one sides fix to wall on the high side and tie beam spanning 2.00 - 3.00m, complete for Walkway covering size 6m x 2.5m wide approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1	
8	<p>Single pitch timber roof truss construction with 15 degree slope, 200mm over-hang one sides fix to wall on the high side and tie beam spanning 2.00 - 3.00m, complete for Walkway covering size 8m x 2.5m wide approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1	
9	<p>Double pitch timber roof truss construction with 15 degree pitch, 400mm over-hang both sides and tie beam spanning 4.00 - 5.00m, complete for walkway size 5m x 4m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into brickwork</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1	
10	<p>Hipped pitch timber roof truss construction with 18 degree pitch, 600mm over-hang both sides and tie beam spanning 4.00 - 5.00m, complete for walkway size 5m x 5m approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1	
11	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 4.00 - 5.00m, complete for building new ablution size 5m x 4m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into existing roof covering</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1	
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12	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 7.00 - 8.00m, complete for building new magistrate office size 9m x 6m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into existing roof covering</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1
13	<p>Hipped pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 7.00 - 8.00m, complete for New waiting area building size 8m x 6m approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1
14	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 6.00 - 7.00m, complete for building new cell block office size 13m x 7m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into new roof construction approximately 6m wide to form valleys</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1
15	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 5.00 - 6.00m, complete for building new cell block office size 8m x 6m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into new roof construction approximately 6m wide to form valleys</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1

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16	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 10.00 - 11.00m, complete for building new cell block size 10m x 10m approximately, with 1.2m spacing between trusses, including cross bracing etc. including tie into new roof construction approximately 6m wide to form valleys</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1
17	<p>Double pitch timber roof truss construction with 30 degree pitch, 600mm over-hang both sides and tie beam spanning 6.00 - 7.00m, complete for building new cell block size 10m x 7m approximately, with 1.2m spacing between trusses, including cross bracing etc.</p> <p>Note: price for complete roof construction for hole building excluding wall plates, and purlins.</p>	No	1
<u>ROOF CONSTRUCTION</u>			
<u>Sawn South African Softwood</u>			
18	38 x 114mm Wall plates	m	445
19	50 x 50mm Purlins	m	1 183

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<u>Sundries</u>					
20	18mm thick shutter board screwed to 114x38mm timber trusses at 450 centres with steel woodscrews (countersunk size 4mm diameter and a length of 75mm)	m2	118		
21	Teco two way hurricane clips	No	452		
22	150x50 Steel shoe made from 3mm thick with a back plate ,with slotted holes to take M12 bolts (chemical for fixing to wall). The Flanges to have slotted holes to take M12 Stainless Steel bolts with Nuts to fixed the timber to the shoe	No	63		
23	Two coats ABE Provonite on roof timbers	m2	472		
<u>EAVES, VERGES, ETC.</u>					
<u>Pressed fibre cement</u>					
24	15 x 225mm Nutec fibre cement fascia board screwed to splayed purlin and soffit purlin with galvanized grabber screws at 600mm centres	m	609		
25	15 x 225mm Angle section barge boards including aluminium H-profile jointing strips.	m	164		
<u>SKIRTINGS</u>					
<u>Wrought hardwood</u>					
26	19 x 75mm Moulded meranti skirting with quarter round	m	62		
<u>CORNICE, ETC.</u>					
<u>Wrought hardwood</u>					
27	46 X 24 mm Hardwood cornice with 10 x 10 mm shadow recess (Provisional)	m	122		
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DOORS

"Max on Top" solid core door with four concealed edges, Pre-coated with high pressure laminate by manufacturer both sides or other approved as specified by architect

28	40mm Thick door size 813 x 2032mm high	No	35
29	40mm Thick double door size 988 x 2130mm high	No	1

BABY CHANGING STATION

"Guri S.A t/a Candid Baby" or other approved

30	Candid Baby changing station (KB200) horizontal, surface mounted size 894mm x 565mm high, Depth closed: 102mm, Depth open: 589mm complete as per architect specification	No	2
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BEADS, ARCHITRAVES, ETC.

Wrought hardwood

31	32 x 70 mm Profiled and grooved weather bar with and including sealing at joint with door	m	19
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JOINERY FITTINGS

THE FOLLOWING IN WORKTOPS, ETC.

Worktop of 32mm thick high pressure Laminate finish

32	Worktop 600mm wide with bevelled edges, fixed to wall with suitably sized brackets (SUP001) with matching fascia including zink cut out and fitments to detail (See detail at the back of Bill of Quantities TOP001-TOP004).	m	2
33	Worktop 600mm wide with bevelled edges, fixed to wall with suitably sized brackets (SUP001) to detail (See detail at the back of Bill of Quantities TOP057-TOP060).	m	13
34	Counter top size 1174mm wide x 3000mm in length. (See detail C01 & C02)	No	2

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	<p><u>Worktop of 30mm thick solid surface finish</u></p>			
35	<p>Worktop 600mm wide with bevelled edges, fixed to wall with suitably sized brackets (SUP001) with matching fascia to detail (See detail at the back of Bill of Quantities TOP013-TOP016).</p>	m	1	
	<p><u>THE FOLLOWING IN COUNTER, WORKSTATION, ETC.</u></p>			
	<p><u>Prefabricated Factory Finished Cupboards as per the Architect's specifications</u></p>			
	<p>The following cupboard fittings have been measured as complete units, i.e. the components of the units have not been separately measured. The descriptions, therefor, of such units shall be deemed to include all components, assembling, housing, notching, gluing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic laminate of approved colour and pattern, glass, ironmongery, metalwork, etc</p>			
	<p><u>Notes:</u></p>			
	<p>All cupboards are to be from a reputable manufacturer of melamine cupboard units. Cupboard doors to have laminated finish, with shelving and interior colour to architects specification. Doors to be hung on adjustable concealed hinges. Work tops to be of approved tops, sealed at edges and joints</p> <p>FU = Floor mounted unit WU = Wall mounted unit</p>			
36	<p>Floor unit FU size 450 x 560 x 880mm high with one cupboard (See cupboard detail under Drawings CUPF001)</p>	No	1	
37	<p>Floor unit FU size 560 x 450 x 880mm high with four drawers (See cupboard detail under Drawings CUPF003)</p>	No	3	
38	<p>Floor unit FU size 900 x 560 x 880mm high with two cupboards (See cupboard detail under Drawings CUPF004)</p>	No	4	
	<p align="center">Carried to Collection</p>			R
	<p>Section No. 2 Bill No. 7 Carpentry and Joinery RUBIQUANT QUANTITY SURVEYORS</p>			

39	Floor unit FU size 1000 x 560 x 880mm high with two cupboards (See cupboard detail under Drawings CUPF005)	No	2		
40	Floor unit FU size L-Shaped 900 x 560 x 880mm and 900 x 560 x 880mm high with two cupboards (See cupboard detail under Drawings CUPF006)	No	1		
41	Floor unit FU size 450 x 600 x 2040mm high with one cupboard (See cupboard detail under Drawings CUPF007)	No	1		
42	Floor unit FU size 450 x 560 x 718mm high with one cupboard (See cupboard detail under Drawings CUPF016)	No	4		
43	Infill panel approximately 880mm high (See cupboard detail under Drawings CUPF018)	No	2		
44	Floor unit FU size 450 x 560 x 718mm high with three drawers (See cupboard detail under Drawings CUPF022)	No	5		
45	Floor unit FU size 450 x 560 x 718mm high with three drawers (See cupboard detail under Drawings CUPF023)	No	8		
46	Floor unit FU size 900 x 560 x 680mm high with two cupboards (See cupboard detail under Drawings CUPF054)	No	1		
47	Floor unit FU size 800 x 315 x 1505mm high with two cupboards (See cupboard detail under Drawings CUPF082)	No	3		
48	Wall cupboard WU 800mm wide x 300mm and 720mm high, with two cupboards (See cupboard detail under Drawings CUPW005)	No	3		
49	Wall cupboard WU 650mm wide x 300mm deep top with 450mm deep bottom and 720mm high, (See cupboard detail under Drawings CUPW016)	No	3		
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THE FOLLOWING IN STORAGE SHELVES

Laminated SA Pine

50	22 x 400 mm Wide laminated SA pine shelves with 16 x 16 mm hardwood edging fixed to frame	m	28		
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Mobile storage units

51	Light Grey epoxy coated mobile shelving 1827mm wide x 380mm deep x 2645mm high shelving units consisting of 900mm modules with three steel tracks at 900mm centres as per approval of Architect (Layout at back of Bill of Quantities)	No	10		
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Carpentry and Joinery
**RUBIQUANT
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COURT ROOM JOINERY FITTINGS

**PREPARATORY WORK TO EXISTING COURT ROOM
FURNITURE**

52	Sand down and repair existing Magistrate bench and prepare and seal as per Architect Specification	No	1
53	Sand down and repair existing Witness box and prepare and seal as per Architect Specification	No	1
54	Sand down and repair existing Accused box and prepare and seal as per Architect Specification	No	1
55	Sand down and repair existing Accoustic Panel, size 1500 x 1 500mm high, and prepare and seal as per Architect Specification	No	8
56	Sand down and repair existing Public Bench and prepare and seal as per Architect Specification	m	28
57	Sand down and repair existing Public barrier and prepare and seal as per Architect Specification	m	8

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RUBIQUANT

QUANTITY SURVEYORS

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	<u>BILL NUMBER 8</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	JBCC Work Group No. 128			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>NAILED UP CEILINGS</u>			
	<u>4 mm Pressed fibre cement boards with 50 x 6 mm fibre cement cover strip including 38 x 38 mm sawn softwood brandering at 450 centres against walls</u>			
1	Ceilings including 38 x 50mm sawn softwood brandering at 450mm centres "LI"	m2	549	
2	Extra over ceiling for forming trap door size 600 x 600 mm (Provisional)	No	14	
	<u>12mm Thick tapered edge moisture resistant plasterboard fixed at right angles to 35mm JUMBO (or similar approved) galvanised steel main and cross tees at 400mm centres, using 25mm drywall screws at 150mm centres. All joints to be tapered and plastered to manufacturer's instructions</u>			
3	To ceilings "LI"	m2	102	
4	Extra over ceiling for forming trap door size 600 x 600 mm (Provisional)	No	3	
	Carried to Collection			
	Section No. 2 Bill No. 8 Ceilings, Partitions & Access Flooring RUBIQUANT QUANTITY SURVEYORS			R

SUSPENDED CEILINGS

600 mm Wide x 1200 mm long x 12,7 mm thick acoustic board suspended ceiling panels with fissured embossed vinyl laminated finish on pre-painted white exposed tee suspension system including main and cross sections, hangers and angles, grids complete, installed strictly to manufacturer's specifications. Colour and finish to Architect's approval

5	To ceilings suspended exceeding 0,5m and not exceeding 2m below timber purlins, Suspended ceiling exceeding 3m above ground ant not exceeding 9m above ground "LI"	m2	93
6	Extra over ceiling for forming trap door size 600 x 600mm (Provisional)	No	1
7	19 x 25mm "LSM25" Recessed wall angle with colour and finish to Architect's approval	m	40

CEILING INSULATION

Resin bonded glass fibre insulation in blanket form

8	500mm Insulation laid over brandering "LI"	m2	549
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CORNICES, ETC.

Pelican JUMBO, or similar approved, coved cornice

9	75mm Coved cornice "LI"	m	680
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Ceilings, Partitions & Access Flooring
**RUBIQUANT
QUANTITY SURVEYORS**

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Ceilings, Partitions & Access Flooring

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Bill No. 8

Ceilings, Partitions & Access Flooring

RUBIQUANT

QUANTITY SURVEYORS

Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 9</u>			
	<u>FLOOR COVERINGS, WALL LININGS, ETC.</u>			
	JBCC Work Group No. 130			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>FLOOR COVERINGS</u>			
	<u>Polyflor type Abrasion Res. Pearlazzo PUR - Flexible vinyl Sheeting, laid in accordance with manufacturers' specifications. or other approved by architect</u>			
1	On floors	m2	19	
2	Skirtings	m	32	
	<u>POLISH, SEALERS, ETC</u>			
3	Prepare, strip with an approved vinyl wax stripper, and apply 3 coats heavy duty commercial vinyl floor sealant and mechanically buff up to high gloss finish	m2	10	
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	Section No. 2 Bill No. 9 Floor Coverings RUBIQUANT QUANTITY SURVEYORS			

EDGES, ETC.

Aluminium dividing strips

4	12mm High M-Trim mill finish dividing strip in concrete thresh hold (Code: AFTIR120) or other approved	m	42	
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ENTRANCE MAT

Matco

5	2000 x 3200mm X 13mm Matco Super Scraper interior entrance mat (Code 2404), consisting of 100% polypropylene needle ribs alternated with perforated polyamide brush strips, loose laid with PVC edging, allin accordance with the manufacturer's recommendations or other approved	No	2	
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Bill No. 9
Floor Coverings
**RUBIQUANT
QUANTITY SURVEYORS**

Section No. 2

Bill No. 9

Floor Coverings

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Bill No. 9

Floor Coverings

RUBIQUANT

QUANTITY SURVEYORS

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 10</u>			
	<u>IRONMONGERY</u>			
	JBCC Work Group No. 132			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>LOCKS, CLOSERS, CATCHES,ETC.</u>			
	<u>All ironmongery as codes by ASSA ABLOY or other approved</u>			
1	"Union" 2915SC Rebate set SC	No	95	
2	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request. master keyed	No	21	
3	21314-76/8SS "Union" WC 8mm Deadlock SS	No	13	
4	Union Euro Cyl Lock No Cyl. 108 x 78mm Commercial Grade Lockcase with Drawback Latch and Silent Latch Feature.	No	10	
5	L-2349-78SS Anti Thrust Night Latch W/O Cyl. 129 x 78mm Commercial Grade Emergency Exit Latch Lock Tested to BS-EN12209-2003 , Documentation on Request.	No	1	
6	L-2109-78SS Union Euro Cyl DeadLock Case SS . 108 x 78mm Commercial Grade Lockcase, Powder Coated, Brass Component Tested to BS-EN12209- 2003, Documentation on request SABS Certified, Current Certification on Request.	No	11	
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7	Assa Abloy 65mm Knob Turn Patented Commercial Use Double Turn Knob Cylinder to BSEN Current Certificate on Request.	No	1		
8	SS5305-05SS Escutcheon on Rose profile	No	28		
9	Adjustable roller catch (Code: ARC1182SS)	No	1		
10	DC300DA "ASSA ABLOY" R&P Door closer EN3-6 DA SIL complete	No	15		
11	DC500 cam action door closer EN1-4 SIL	No	1		
12	Heavy Duty Spring Door Holder. (Code: B3440SC)	No	2		
<u>CELL LOCKS</u>					
13	Provide a budgetary allowance of Thirty Two Thousand Rand (R32'000.00) (This sum will be deducted from the contract) for Cell Locks provided to the Contractor (taking delivery and fixing elsewhere)			Item	32 000.00
14	Allow for profit			Item	
15	Allow for taking delivery, storing on site and fixing in position only	No	1		
<u>ACCESS CONTROL</u>					
<u>Multi door access control</u>					
16	Allow the PC amount of One Hundred Thousand Rand (R 100 000.00) for Access control complete			Item	100 000.00
17	Allow for profit and attendance			Item	
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SECURITY

HISSCO or other approved

18	"RScan-D8000A" or similar approved Walkthrough Metal Detector	No	1
19	"HS 5030" or similar approved security x-ray inspection system	No	1

Tactical distributors SA or other approved

20	BPT Bullet trap	No	1
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HINGES, BOLTS, ETC.

21	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.	No	147
22	Rising Butt Hinge handed EN1935	No	18
23	"ART" 208C91 L/flush bolt 150mm (Code: AL8208-150AS)	No	1
24	"ART" 208C91 L/flush bolt 225mm (Code: AL8208-225AS)	No	1

HANDLES

25	SS5D67TR/TL-5004SS Union Dove Pull Handle on 152mm x 178mm Backplate + W/C Indicator included (To be Handed RH/LH)	No	26
26	SS5DBT0694x315 S/S Pull Handle 25mmØ x 250mm ctc on 94 x 315mm S/S Back Plate.	No	22
27	Dove Lever Handle On 152 x 178mm Backplate- Profile. As per Assa Abloy Architect Approved Sample.	No	10
28	Dove pull Handle On 192 x 45mm Backplate- Profile. As per Assa Abloy Architect Approved Sample.	No	1
29	5213BTSS 350mm Pull Handle bolt thru	No	3
30	SS5213BBSS Union 350mm Stainless steel back to back "D" shaped pull handles	No	2

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Bill No. 10
Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

DOOR STOPS

"Assa Abloy"

31	87001SS Floor door stop satin SS	No	24
32	99011SS Wall door stop satin SS	No	33
33	99022SS Wall projection door stop satin SS	No	33
34	SS8025SS Hat & Coat hook with buffer	No	21

HAT AND COAT HOOK

"Union" or other approved

35	AL8104AS Hat & Coat hook 500mm long	No	2
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SUNDRIES

36	8852SC, Dust proof strike	No	2
37	Hychem or other approved Broom and Mop hook complete as per Architect specification	No	1

DOOR PROTECTION PLATES

"Solid" or other approved

38	300 x 800mm kick plate fix with counter sunk screws	No	70
39	300 x 800mm bumper plate fix with counter sunk screws	No	85
40	continuous 900 x door thickness x 20mm channel edge protector fix with counter sunk screws	No	47
41	continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out fix with counter sunk screws	No	47

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Section No. 2
Bill No. 10
Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

LETTERS, NAMEPLATES, ETC.

"Union Dove" 152 x 178 x 2mm Thick brass sign plate

42	SS5066-06SSE10, Male indicator sign	No	2
43	SS5066-06SSE11, Female indicator sign	No	2
44	SS5066-06SSE14, Paraplegic toilet sign	No	3
45	SS5066-06SSE17, Cleaner mop & bucket sign	No	1
46	SS5066-06SSE, Fire extinguisher sign	No	6
47	SS5066-06SSE19 Infant indicator sign	No	1

Signage

48	Provide the PC amount of Eighty Thousand Rand (R80'000.00) for supply and installation of signage complete		Item	80 000.00
49	Allow for profit and attendance		Item	

Aluminium plates

50 x 50 Aluminium Engraved door number plate

50	Sign with one letter or numeral	No	47
51	Ditto, but with two letter or numeral	No	18

Department Of Justice Emblem

52	Allow the PC amount of Fourty Thousand Rand (R 40 000.00) for Department Of Justice Emblem and inauguration plate complete		Item	40 000.00
53	Allow for profit and attendance		Item	

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Section No. 2
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Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

BLINDS

50mm "HOSPI-TRACK" venetian blinds or similar and approved including brass cordlock and galvanised tilt mechanism fixed to one side of headrail including heavy duty universal box brackets complete with matching authentic wood bottom rail, valance, bottom buttons and tassels. installed strictly to manufacturers specifications.

54	Window size 533 x 945mm high	No	1
55	Window size 920 x 1500mm high	No	4
56	Window size 975 x 1800mm high	No	5
57	Window size 1022 x 1500mm high	No	9
58	Window size 1066 x 1500mm high	No	1
59	Window size 1160 x 1500mm high	No	1
60	Window size 1300 x 1500mm high	No	1
61	Window size 2000 x 1500mm high	No	6

GRAB RAILS

"Stainless Steel Design"

62	STANDARD 300 x 300 x 300 x 80mm projecting dog leg side rail (KB26) as by Stainless Steel Design. Installed strictly to manufacturers specifications.	No	4
63	STANDARD 800 long X 150 mm projecting straight disabled rail (KB18) as by Stainless Steel Design. Installed strictly to manufacturers specifications.	No	4

CORNER PROTECTORS

64	1200 mm High x 5mm thick stainless steel corner protector fix with approved epoxy	No	15
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Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

BATHROOM FITTINGS

"Franke" or other approved

65	Franke Chronos STRX 600,1,2mm thick Grade 304 18/10 satin stainless steel paper towel dispenser (code: 2120038), size 300 x 305 x 134mm deep with capacity of 300-400 towels, plugged and screwed to the wall with stainless steel screws. Installed strictly to manufacturers specifications.	No	7
66	Standard stainless steel wall mounted lockable toilet roll holder as by FRANKE Washroom Accessories - Model - STRX 672 - 2120044, Installed strictly to manufacturers specifications	No	14
67	INGE metal craft Standard vandal resistant Stainless steel wall recessed Toilet Roll holder Code - RTRH 0114. Core drill and epoxy grout Unit on to plastered brick wall with an approved grout. Ensure unit to have a flush fit all-round. Pre-approve sample installation.	No	4
68	Franke Chronos STRX605 1.2mm thick Grade 304 18/10 stainless steel waste disposal bins (Product Code: 2120048), size 520 x 300 x 270mm deep with waste bin capacity of 34 litres, plugged and screwed to the wall with stainless steel screws. Installed strictly to manufacturers specifications.	No	4
69	Standard stainless steel wall mounted soap dispenser as by FRANKE Washroom Accessories - Model – STRX618 - (Product Code :2120041) , Installed strictly to manufacturers specifications.	No	10
70	500 x 600 model MH600R Chronos reflective polished surface mirror with concealed fixings Installed strictly to manufacturers specifications.	No	8
71	Finda classic rage 800mm long double towel rail in mirror polished	No	8

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Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

HAND AND CUFF RAIL

72 30mm Diameter (2mm wall thickness) stainless steel hand cuff rail 3 000mm long, fixed to wall with 4 x M10 full threaded bolts, chemically anchored in wall through 150 x 150 x 6mm mild steel base plate at 1 000mm centres (POL2012/B1)

No

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Ironmongery
**RUBIQUANT
QUANTITY SURVEYORS**

**PINNING BOARDS, WRITING BOARDS,
PROJECTION SCREENS, ETC**

"Parrot Combi" white board and non-magnetic felt pinboard BD3070 with concealed mounting, slide-in aluminium pentray, size 450 x 35mm, and an aluminium frame with a 10mm wide H-bar divider, to be supplied with all necessary fixing components or other approved

73	Wall mounted notice board size 1 500 x 1 000mm high	No	6
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Vitrex System 2000 or similar approved vitreous enamelled pinning boards and fixing to manufacturers' instructions or other approved

74	Pinning board size 1 500 x 1 000mm high and fixing to walls	No	7
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BENCHES

"Office world" silver line benches (or other approved)

75	Two seater size 1 220mm long x 680mm wide x 800mm high	No	2
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76	Three seater size 1 800mm long x 680mm wide x 800mm high	No	2
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77	Four seater size 2 420mm long x 680mm wide x 800mm high	No	6
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78	Four seater and table size 3 050mm long x 680mm wide x 800mm high	No	1
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79	Five seater and table size 3 660mm long x 680mm wide x 800mm high	No	1
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Ironmongery

RUBIQUANT

QUANTITY SURVEYORS

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<p><u>SECTION NUMBER 2</u></p>			
<p><u>BILL NUMBER 11</u></p>			
<p><u>METALWORK</u></p>			
<p>JBCC Group No. 136</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p>For Preambles see "PW371 - Specification of Materials and Methods to be used"</p>			
<p align="center">-----</p>			
<p><u>Descriptions</u></p>			
<p>Descriptions of bolts shall be deemed to include nuts and washers.</p>			
<p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.</p>			
<p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolt unless otherwise described.</p>			
<p>Metalwork described as "screwed" shall be deemed to include holes and screws.</p>			
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<p>Section No. 2 Bill No. 11 Metalwork RUBIQUANT QUANTITY SURVEYORS</p>			
		R	

MILD STEEL BALUSTRADES

Welded balustrades to stairs, passages, etc.

1	60 mm x 2 mm Thick Circular hollow section top rail	m	14
2	32 mm x 2 mm Thick Circular bottom rail	m	14
3	12 mm Round solid section upright welded between top and bottom rails	m	6
4	32 mm x 3 mm Thick Circular hollow section baluster welded between top rail and base plate	m	5
5	100 mm x 30 mm x 2 mm Thick flat base plate twice holed for bolts in concrete (bolts elsewhere measured)	No	5
6	10 mm Diameter expansion bolts	No	19

Extra over 60 mm x 2 mm Thick Circular hollow section top rail

7	T-intersection with 10 mm x 10 mm stanchion	No	24
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Extra over 32 mm x 2 mm Thick Circular bottom rail

8	T-intersection with 10 mm x 10 mm stanchion	No	24
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PRESSED STEEL DOOR FRAMES

1,6mm Double rebated frames suitable for half brick walls

9	Frame for door 813 x 2 032mm high	No	9
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1,6mm Double rebated frames suitable for one brick walls

10	Frame for door 813 x 2 032mm high	No	26
11	Frame for double door 1613 x 2032mm high	No	1

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Metalwork
**RUBIQUANT
QUANTITY SURVEYORS**

STEEL STRONGROOM DOORS, VENTILATORS, ETC

"Mutual Safes" Strongroom doors etc suitable for 230mm walls fixed to brickwork or concrete or other approved

12	DS50/1 Category 1 strongroom door and frame with a mass of 650 kg	No	2
13	Double ended strongroom ventilator	No	2

GARAGE DOOR

Note: Tenderers are referred to architect's drawing attached to these bills of quantities for tender purposes

14	Garage door size 2500 x 2125mm high as specified by architect	No	5
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Coroma Corosteel steel sectional manually operated garage door with 32mm diameter punched infill options with surface to receive powder coating (colour to be selected):

ACCESS CONTROL TURNSTILE

Electronically Controlled Turnstiles with side gate

15	Flow Systems Model 356 electronically controlled double electrical bi-directional 4-arm (90°) revolving turnstile, overall size 2180 x 1200 x 2181mm high painted mild steel enclosure with 38mm diameter tube rotor arms and push button access control, to suit opening size 2500 x 3000mm high, bolted to 20MPa 2400 x 1300 x 150mm thick concrete base with 12No. M12 x 75mm anchor bolts and connected to 220V AC single phase power supply, including side gate, or other approved see detail designs at the back of the bill of quantities	No	2
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STEEL SAFES AND LOCKERS

Galvanized steel pistol safe with power coated epoxy finish

16	Pistol safe size 330 x 305 x 300mm high (mass 16kg) including seven lever security un-pickable lock, fixing to wall with four 10mm diameter expansion bolts, etc.	No	1
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**RUBIQUANT
QUANTITY SURVEYORS**

<u>Galvanized steel lockers with power coated epoxy finish</u>				
17	Locker size 300 x 450 x 1800mm high consisting of 0,6mm thick bottom, sides, back, shelf, top and door, including shelf, hanging rail, two vent openings to door, fixing to wall with four 10mm diameter expansion bolts	No	6	
<u>SECURITY GATES & SCREENS</u>				
<u>Security gates</u>				
18	Single gate 900 mm x 2 100 mm high of 32 mm x 32 mm x 2 mm hollow section mitred , frames and welded frame filled in with 10 mm x 10 mm solid square bars vertical at 100 mm centres maximum and 2 x 32 mm x 10 mm flat section cross braces drilled to receive square bars and fitted with one and a half pair of 100 mm x 125 mm steel projection hinges (hinges welded to frame and bolted to brickwall with 10 mm diameter expansion bolts - head of bolt to pass through hinge into frame when closed), oval cylinder upright lockset with "Gower" handles (lockset to be fully enclosed by mild steel housing) complete with escutcheons, striking plates and for ends and top- and bottom bolts.	No	19	
19	Double gate size 2 085 wide x 2 720 high, High security mesh panels as supplied by specialist, Gate complete with Ironmongery and fixed into openings between suspended ceilings, concrete beams, steel beams, brick walls, etc. as specified by Architect See drawings at the back of the bill of quantities(Door SEC-CVD001)	No	1	
<u>Security screens</u>				
20	Security screen size 2 212 wide x 2 720 high, High security mesh panels as supplied by specialist, screen complete with Ironmongery, and fixed into openings between suspended ceilings, concrete beams, steel beams, brick walls, etc. as specified by Architect See drawings at the back of the bill of quantities(Door SEC-CVP001)	No	6	
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<u>CELL DOORS</u>				
21	Standard solid steel cell door, grill gate and frame combination size 1 018 mm wide x 2020 mm high complete with and including locks, handles, hinges, etc. as per attached drawings POL2012/D1 - POL2012/D5.	No	9	
<u>CELL GATES</u>				
22	Standard grille Cell gate 894 x 1 966mm high formed of 50 x 50 x 4mm hollow section frame, mitred at corners filled in with four 50 x 50 x 4mm horizontal middle rails and 16mm diameter vertical rods at 88mm centres, lock box insert formed of two 40 x 10mm flat section bars 236mm long welded to two 240 x 230 x 5mm lock box plates for lock (elsewhere), gate hinged to steel door frame with two (Type A - Top & Bottom Hinge) and one (Type B - Middle Hinge) 40mm diameter hinges each 120mm formed of hinge pin 90mm (Type A), 100mm (Type B) long with 19,5mm diameter spindle 30mm (Type A), 40mm (Type B) long hollowed for 16mm carbon chromium steel roller ball (Type A) and spindle 60mm long with 20mm diameter hole 45mm long to house spindle (Type A & B) and roller ball and threaded for 12mm diameter x 30mm grade 8.8 bolt with locknut (Type A) and drilled for and including grease nipple (Type A & B) (POL2012/D1 to D5)	No	4	
<u>CELL WINDOWS</u>				
23	Standard cell window size 850 mm wide x 950 mm high complete with window, 7.52 mm laminated glass glazing, internal- and external fixed screens complete, web width 10mm and openings of 10mm x 40mm, as per architect specification (W001)	No	4	
24	Standard cell window size 850 mm wide x 950 mm high complete with window, 7.52 mm laminated glass glazing, internal- and external fixed screens complete, web width 10mm and openings of 10mm x 40mm, as per architect specification (W002)	No	7	
<u>STEEL ADJUSTABLE SHELVING</u>				
25	1.6mm Thick double slot wall band 2100mm long plugged and screwed to wall	No	65	
26	1.6mm Thick shelf support brackets 400mm wide	No	260	
Carried to Collection				
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CASH TRANSFER TRAY

27 "Austen Security Safes" or other approved Standard
Stainless steel cash transfer tray, 285 mm wide x 255
mm long x 50 mm deep

No

2

Sally port roller Shutter

28 Provide the PC amount of Eighty Thousand Rand
(R80'000.00) for supply and installation of security roller
shutter door at Sally Port complete

Item

80 000.00

29 Allow for profit and attendance

Item

ALUMINIUM WINDOWS, DOORS, ETC

Note: Tenderers are referred to architect's drawing
attached to these bills of quantities for tender purposes

Windows and doors

Doors and windows to be of the types described, and
manufactured by and in accordance with the standard
specification of "Aluminium City", or other approved
hereinafter referred to as the Manufacturer.

After manufacture, the Manufacturer shall be
responsible for the delivery to site, unloading, placing in
temporary storage, setting up and fixing in position, the
supply of glass and glazing complete, sealant pointing,
application and removal of protection tape and cleaning
and servicing on completion of all aluminium doors and
windows. Cleaning of glass before handing over shall be
the responsibility of the Contractor as all glass is to be
glazed clean by the manufacturer.

Glazing

Doors and windows are to be glazed with glass as
described. Glazing may be either factory or site glazed
and shall be executed by the Manufacturer who must
ensure that glass is clean and free from any defects on
completion of glazing

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Metalwork
**RUBIQUANT
QUANTITY SURVEYORS**

Fixing

All doors and windows are to be fixed in position by the Manufacturer. All must be perfectly plumb and shall be strutted and braced as necessary to prevent distortion

Pointing etc.

All doors and windows shall be waterproofed with "Sondor" or other approved wax impregnated sealing strip between the aluminium frame and the structure, and in addition shall be pointed all round on the external face with "Expandite Thioflex 600" or other approved two part polysulphide liquid polymer sealing compound, applied at the junction of the frame with the structure. Pointing, etc. of doors and windows shall be executed by the manufacturer, or his approved specialist waterproofing sub-contractor

Protection

The protection of aluminium doors and windows during and after fixing shall be the responsibility of the Contractor, they must be kept free from mortar droppings, etc. any units damaged are to be replaced. Aluminium doors and windows shall be protected with suitable adhesive protection tape applied to all exposed surfaces by the Manufacturer at the factory prior to delivery to site. Protection tape is to be of a different colour from the anodising

Servicing etc.

When necessary, all protection tape shall be removed by the Manufacturer, who shall clean the doors and windows, but excluding the glass, which will have been glazed clean, test and service them, make all necessary adjustments and/or repairs and leave them in perfect order. Protection of the doors and windows after servicing by the Manufacturer and cleaning of glass after glazing shall be the responsibility of the Contractor

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Metalwork
**RUBIQUANT
QUANTITY SURVEYORS**

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Prices

Prices for aluminium shall include the manufacture, delivery to site, unloading, setting up and fixing in position, supply of glass and glazing complete, "Sondor" sealing strips, wrought softwood infill linings to all hollow section aluminium frames according to details and sealant pointing, fixing lugs, brackets, screws, beads, timber grounds, cleaning and servicing of windows, all by the Manufacturer

References

The type numbers used in the following descriptions are those referred to the relevant type numbers on the drawings issued for tender and construction purposes. The sizes given in the following descriptions are nominal and prices are to take cognisance thereof

Ironmongery

Prices for windows, doors and frames should allow for all the ironmongery specified on the drawings referred to

Purpose made Bronze powder coated aluminium windows, complete with and including ironmongery and 6mm glazing as per the specifications and window schedules at the back of the bill of quantities. All as per SABS regulations and fixed into openings between suspended ceilings, concrete beams, steel beams, brick walls, etc.(see attached drawings)

30	Window 1888 x 1530mm high (AW002 Part A)	No	1
31	Window 2220 x 1530mm high (AW002 Part B)	No	1
32	Window 1160 x 1530mm high (AW001)	No	2
33	Window 1430 x 1530mm high (AW003 Part A)	No	1
34	Window 731 x 1530mm high (AW003 Part B)	No	1

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Metalwork
**RUBIQUANT
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35	Window 600 x 935mm high (AW004)	No	5	
36	Window 2000 x 1530mm high (AW005)	No	2	
37	Window 533 x 935mm high (AW006)	No	2	
38	Window 1022 x 935mm high (AW007)	No	2	
	<u>Purpose made Bronze powder coated aluminium windows, complete with and including ironmongery and 22mm bullet proof glazing as per the specifications and window schedules at the back of the bill of quantities. All as per SABS regulations and fixed into openings between suspended ceilings, concrete beams, steel beams, brick walls, etc.(see attached drawings)</u>			
39	Window 3000 x 1500mm high (Cash hall counter)	No	2	
	<u>Purpose made Bronze powder coated aluminium doors, complete with and including ironmongery and glazed as per the specifications and door schedules at the back of the bill of quantities. All as per SABS regulations and fixed into openings between suspended ceilings, concrete beams, steel beams, brick walls, etc.(see attached drawings)</u>			
40	Door size 1248 x 1530mm high (ALHS002 part B)	No	1	
41	Door size 1020 x 2635mm high with and including side hung window size 1395 x 1530 (ALHS002 Part A)	No	1	
42	Door size 900 x 2635mm high (ALHS001)	No	3	
43	Door size 1575 x 2635mm high (ALHD002)	No	1	
44	Door size 1575 x 2635mm high with and including side hung window size 625 x 1530 (ALHD001)	No	1	
45	Door size 650 x 2040mm high Louvre panel (ALLP001)	No	1	
46	Door size 2115 x 2380mm high Louvre Door (ALLD001)	No	1	
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	Metalwork			
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Section No. 2

Bill No. 11

Metalwork

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Section No. 2

Bill No. 11

Metalwork

RUBIQUANT

QUANTITY SURVEYORS

Item No	Quantity	Rate	Amount
<p><u>SECTION NUMBER 2</u></p>			
<p><u>BILL NUMBER 12</u></p>			
<p><u>STRUCTURAL STEELWORK (PROVISIONAL)</u></p>			
<p>SUPPLEMENTARY PREAMBLES</p>			
<p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or other approved may be used with prior approval from the architect.</p>			
<p>Where there is a reference to SABS code, it means the new SANS code definition.</p>			
<p><u>NOTES</u></p>			
<p>1. All steel must be grade 300 W to SABS 1431. Commercial Grade cold rolled sections to have a minimum yield stress of 225 MPa (Contractor to get confirmation from supplier in this regard).</p>			
<p>2. All bolts and nuts to be grade 8.8 unless otherwise specified. Bolts shall be hot dip galvanised to BS763 and it must be possible to screw mate parts together by hand.</p>			
<p>3. All fasteners must be supplied by the Contractor.</p>			
<p>4. All welds shall be full penetration 6mm welds to SABS 044 and SABS 455, all round where possible, unless otherwise stated.</p>			
<p>5. All construction and workshop details must be approved by the Engineer before fabrication is started.</p>			
<p>Carried to Collection</p>			
<p>Section No. 2 Bill No. 12 Structural Steelwork RUBIQUANT QUANTITY SURVEYORS</p>			
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- 6. Structural steelwork must be carried out according to SABS 1200H.
- 7. All bolts and nuts must have washers.
- 8. The contractor must ensure adequate structural stability of the structure for the full duration of erection. The contractor shall supply all temporary bracing and fixing mechanisms to achieve the above.
- 9. No holes to be formed or widened with the use of a cutting torch. The contractor must confirm all dimensions on site. Discrepancies to be reported to the engineer.
- 10. Prices for all structural steelwork are to include for the following:
 - (a) preparation and submission of two complete sets of shop drawings to the Structural Engineers for approval,
 - (b) fabrication,
 - (c) cleaning down and sandblasting to SA 2,5 (SIS 05 5900 - 1967) with profile of between 40 and 70 micron,
 - (d) prime (within 3 hours of sandblasting) with "Plascon zinc phosphate primer (UC. 170) to dry film thickness of between 50 and 100 micron,
 - (e) delivery to site,
 - (f) storage, if necessary,
 - (g) hoisting and erection complete, including all holing, galvanised mild steel bolts, washers, packing pieces, bolting, welding, etc

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11. Painting of structural steelwork after erection is
elsewhere
measured

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Structural Steelwork
**RUBIQUANT
QUANTITY SURVEYORS**

SUNDRY GALVANISED STEELWORK

Galvanised steel posts as per Engineer's specification

1	305 x 165 x 40mm Thick cold-formed I-Beam	kg	230
2	100 x 50 x 20 x 3mm Thick cold-formed lipped channel	kg	1 401
3	100 x 100 x 5mm Thick cold-formed square hollow section	kg	1 252
4	120 x 120 x 5mm Thick cold-formed square hollow section	kg	1 963
5	150 x 100 x 4.5mm Thick cold-formed rectangular hollow section	kg	310
6	76.2 x 3.5mm Thick cold-formed circular hollow section	kg	585
7	127 x 4mm Thick cold-formed circular hollow section	kg	439
8	5mm Mild steel connection plate at roof truss welded	No	60
9	10mm Mild steel connection plate at base plate welded	No	64
10	12mm Mild steel connection plate 5470mm x 170mm at base plate	No	5
11	M12 Bolt and nut	No	240
12	M16 Holding down bolt, 250mm long	No	240
13	M20 Holding down bolt, 350mm long	No	16

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Structural Steelwork
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HIGH SECURITY MESH SCREEN CEILINGS

Security mesh ceiling to be manufactured according recommended specifications. All steelwork to be hot dipped galvanised. Verify dimensions of areas mesh panel sizes before manufacturing as per Five star specifications 2012 POL2012/G1

14	Screenex or Beahaert Bastion Hi Security 358 Singleskin Galfan Class A coated (SANS Spec. 10244-2:2003) or other approved, mesh panels fitted into framework with secure fixing	m2	84
15	IPE 180 x 91 x 19mm I-section beams	kg	1 395
16	Extra over IPE 180 I-section beam for T-intersection	No	24
17	40 x 40 x 3mm Angle section framing	kg	443
18	50 x 50 x 5mm Angle section framing bolted to wall of welded to I-beam (bolts elsewhere)	kg	907
19	90 x 90 x 6mm Angle section framing bolted to wall of welded to I-beam (bolts elsewhere)	kg	233
20	100 x 75 x 6mm Angle section bracket bolted to wall	kg	226
21	150 x 90 x 10mm Angle section support bolted to wall (bolts measured elsewhere)	kg	136
22	250 x 50 x 10mm Lugs built into brickwork	No	186
23	3mm Solid steel plate size 1 250mm x 1 250mm welded to the mesh (elsewhere measured)	No	548
24	Extra over 50 x 50 x 5mm angle section framing for mitred corner intersection	No	42
25	Hole through 5mm steel for bolt	No	618
26	Hole through 6mm steel for bolt	No	730
27	Hole through 10mm steel for bolt	No	346
28	16mm Diameter chemical anchor bolt	No	1 238
29	20mm Diameter chemical anchor bolt	No	440

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	<u>PLASTERING</u>			
	JBCC Work Group No. 142			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>SCREEDS</u>			
	<u>Sponge finished wood floated on concrete</u>			
1	50mm Thick on floors and landings	m2	581	
2	50mm thick on roofs to falls and currents	m2	96	
	<u>Brushed finished floated on concrete</u>			
3	50mm Thick on floors and landings	m2	384	
	<u>Self levelling screed</u>			
4	Self levelling screed 4-8mm thick on floors	m2	19	
	<u>POLYURETANE</u>			
	<u>Polyuretane area cement Self levelling floor covering</u>			
5	Stonecor Africa or other approved Self levelling Polyuretane screed 4-8mm thick on floors	m2	125	
6	Skirting (3-9mm Thick)	m	122	
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GRANOLITHIC

Granolithic floor covering

7	32mm thick untinted granolithic finished cement on floors	m2	177
8	75mm high Granolithic skirting	m	146

INTERNAL PLASTER

Cement plaster on brickwork

9	On walls "LI"	m2	1 231
10	On narrow widths "LI"	m2	83

Cement plaster on concrete finished with a steel trowel

11	On ceilings "LI"	m2	96
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QUANTITY SURVEYORS**

EXTERNAL PLASTER

Cement plaster on brickwork

12	On walls "LI"	m2	655
13	On narrow widths "LI"	m2	33

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Plastering

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	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 14</u>			
	<u>TILING</u>			
	JBCC Work Group No. 144			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>WALL TILING</u>			
	<u>200 x 200 x 6mm Thick "SAMCA" matt white ceramic wall tiles (Code OMA1000) fixed with approved adhesive to plaster (plaster elsewhere measured) and flush pointed with waterproof jointing compound or other approved</u>			
1	On walls "LI"	m2	34	
2	On narrow widths "LI"	m2	3	
	<u>200mm High Mosaic boarder of full bodied porcelain "mesh black" mosaic tiles (Code 792) fixed with approved adhesive to plaster (plaster elsewhere measured) and flush pointed with waterproof jointing compound</u>			
3	Dado band 200 mm high formed of 23 x 23mm mosaic tiles	m	25	
	Carried to Collection			
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FLOOR TILING

Double charge Vitrified full body porcelain tiles with a water absorption (EN ISO 10545-3) of less than 0.1% and a scratch resistance (EN ISO 10545-7) of <150mm³. Slip classification (DIN 51130 (R) to be R9 – all according to detail tile layout. All strictly to manufacturer’s specifications. Colour and type to Architect’s approval.

4	On floors "LI"	m2	562
5	Skirting 100mm high "LI"	m	1 168

SUNDRIES

Strips between tiles and on top of tile skirtings

6	8mm Aluminium Formable Straight Edge Trim (AFE080)	m	50
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Internal or external corner strips

7	8mm Aluminium Round Edge Trim (ARE080)	m	593
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	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 15</u>			
	<u>PLUMBING AND DRAINAGE (Provisional)</u>			
	JBCC Work Group No. 146 & 148			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>RAINWATER DISPOSAL</u>			
	<u>0.8mm Baked enamel on aluminium gutter system in continuous lengths:</u>			
1	150 x 100mm Ogee eaves gutters.	m	393	
2	Extra over eaves gutter for stopped end.	No	26	
3	Extra over eaves gutter for angle.	No	17	
4	Extra over eaves gutter for outlet for 100 x 75mm down pipe.	No	53	
5	100 x 75mm Downpipe.	m	223	
6	100 x 75mm Spreader pipe 800mm long.	No	53	
7	Extra over rainwater pipe for offset bend.	No	106	
8	Ditto for shoe.	No	53	
9	380 X 900mm Concrete water channel	No	53	
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SANITARY FITTINGS

The following in WASH HAND BASINS fixed complete in position and connected to services

10	Vaal Hibiscus vitreous china code 702303WH wash hand basin or similar approved, wall hung with two tap holes including integrated overflow and chainstay hole, bolted to wall with 2No. 10mm bolts (Code: 8448Z000) and sealed with silicon sealant against wall	No	5
11	Vaal Bantam vitreous china cloakroom basin (code: 7030), size 455 x 290mm with two tapholes, including integrated overflow and chainstay hole bolted to wall with two 10mm bolts (code: 8448Z0) and sealed with silicone sealant where basin meets wall.	No	2
12	COBRA 345/50 bottle trap, 50mm pvc outlet. Includes: 75mm deep re-seal, adjustable telescopic pipe, and 1 1/4" female inlet x Ø 50mm outlet for PVC tube.	No	7
13	COBRA angle regulating valves - COBRA 832/350F. Including 350mm braided flexi hose.	No	28
14	Cobra Watertech Stella 15mm chrome plated basin pillar tap, with tapered flow-straightened (3314ST- 15). Includes: hot and cold indices, 1/2" BSP male inlet, flanged backnut, and streamline outlet for flow aesthetics.	No	8
15	Cobra Watertech 32mm Machine chrome plated slotted basin waste union (Product Code: 303). Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. COBRA angle regulating valves - COBRA 832/350F. Including 350mm braided flexi hose.	No	7
16	COBRA 309-32 "anti-theft" chrome-plate plug Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.	No	14
17	Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21B/p-WS/6-nolime) with blue indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).	No	3

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18	Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21R/p-WS/6-nolime) with red indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).	No	3		
19	15 mm Castle -or other approved- ballstop	No	14		
	<u>The following in WC suite complete</u>				
20	Daisy vitreous china semi close coupled washdown pan comprising 90° outlet open rim pan (product code 751400) flushing valve (elsewhere) including lid and fitments with heavy duty seat.	No	10		
21	Cobra Watertech exposed WC chrome plated Junior Flushmaster flushvalve (code: KF4.213) with nonhold open feature, vacuum breaker, back entry flushpipe, galvanised steel undertile box with stainless steel faceplate, palm press button, rubber pan connector and 32mm "Ball-o-Stop" control inlet.	No	14		
	<u>The following in PARAPLEGIC WC suite complete</u>				
22	Vaal Protea Paraplegic vitreous china floor mounted paraplegic washdown suite colour White (Code: 750246WH), comprising 90° outlet pan, flushing valve (elsewhere) including lid and fitments with heavy duty seat.	No	4		
23	Cobra Watertech exposed WC chrome plated Junior Flushmaster flushvalve (code: KF4.213) with nonhold open feature, vacuum breaker, back entry flushpipe, galvanised steel undertile box with stainless steel faceplate, palm press button, rubber pan connector and 32mm "Ball-o-Stop" control inlet.	No	4		
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The following in URINAL complete

24	Vaal 600 x 385 x 380mm Lavatera back inlet white vitreous china wall mounted urinal (Code: 705427) including 38mm chromium plated domical grating (Code:8787Z0) and chromium plated back inlet spreader (Code: 7054Z2), flush valve, flush pipe and fittings (by others), fixed on and including two hanger brackets (Code: 8127Z0).	No	2
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25	Cobra Watertech exposed urinal chrome plated Junior Econo Flushmaster flushvalve (code: KF8.112) with non-hold open feature, galvanised steel undertile box with stainless steel faceplate and chasis, palm press button, 22mm diameter copper urinal tailpipe and 20mm "Ball-o-Stop" control inlet. Cobra Watertech 40mm Chrome plated deep seal bottle trap with outlet for 50mm PVC (365/50).	No	2
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STAINLESS STEEL (340 (18/10)) WASH HAND BASINS, WC SUITES, ETC

The following in wash hand basins fixed complete in position and connected to services (refer to 5 Star Specification : 2012)

26	Franke Grade 304 (18/10) 1,2mm thick stainless steel model Oval A wash hand basin size 420 x 340mm with pressed bowl, with two tapholes, with 100mm radius apron and 50mm high splashback, (Code 357456) excluding waste four times bolted to wall with M6 expansion bolts.	No	8
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27	Franke 1,2mm Grade 304 18/10 stainless steel HDTX850 heavy duty combi unit (code: 356151/2 or 3), size 390 x 799 x 955mm high with integrated wash basin with 40mm waste outlet and 150mm high splashback, plumbing fittings (code: 825010) including Cobra basin valve (code: KM1-00F), Cobra wc valve (code: FJ 4-203F), Walcro flexible hose and Walcro 15mm spout, pan positioned (as shown on drawing), toilet roll holder, 40mm waste outlet and stainless steel "P" trap to WC pan, connected to cold water supply, galvanised mild steel security frame size 525 x 950mm high (code: 356017) with 6No.13mm diameter anti-escape bars built into wall, pedestal fixed to wall with 8mm threaded rods, compliant with SABS 1733:2002.	No	4
28	Cobra Watertech Carina 15mm chrome pillar tap (Code: 114CA-15) with aerator outlet and flanged backnut, manufactured in accordance with SANS 226:2004 Type 1 (BS 5412). Includes: hot and cold indice, 1/2" BSP male inlet, flanged backnut, streamline outlet for flow aesthetics, and 1/2" heavy pattern/low resistance for low pressure or high water demand installations.	No	14
29	Cobra Watertech 40mm Chrome plated unsloped basin waste union (no chain or stay) (317-40). Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection.	No	8
30	COBRA 365/50 bottle trap, 50mm, pvc outlet Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube.	No	8
31	COBRA angle regulating valves – COBRA 232/350. Includes: sliding wall flange, and 1/2" BSP male inlet x 1/2" BSP male outlet.	No	2
32	Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21B/p-WS/6-nolime) with blue indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).	No	1

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33	Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21R/p-WS/6-nolime) with red indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).	No	1
<u>The following in WC suites fixed complete in position and connected to services (refer to 5 Star Specification : 2012)</u>			
34	"OVE Model OSPA1" or other approved vandal proof wc pan (concrete filled) manufactured from 1,2mm grade 304 AISI (18/10) stainless steel; fully welded and polished to a no. 4 satin finish; 485 x 390 x 435mm high with circular flushing rim and bowl, full flow "P" trap, 38mm diameter supply flush pipe; both sufficient length to protrude the wall. (All connections to be outside). Integral 35mm wide fixing flange to bottom sides and top 7 times bolted to wall and floor complete with expanded metal mesh for mechanical bond for plaster/screed to the pan flange (POL2012/S1)	No	4
35	"WALCRO No 104" or other approved brass back entry non hold open toilet flush valve with integral vacuum breaker and modified push-rod connector, complete with 38mm diameter flushpipe, bend and pan connector (POL2012/S1)	No	4
36	Prison type "ECONOFLUSH" as type KF3.404 including elbow, straight pipe and pan connector (POL2012/S1)	No	4
<u>Sinks, washtroughs, etc.</u>			
37	Kwikot model BHA900X Single centre bowl special Post Formed sink size 900x595mm manufactured in 1,2mm grade 304 Stainless steel, bowl size 410x350x150mm deep with a 12mm splashback at rear complete with 1 no:- PVC combination overflow fitting with anti theft plug and Laveteria back entry spreader to fitted to bowl on right hand side.	No	2

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38	Cobra Watertech 15mm Chrome plated one Hole sink mixer with overarm swivel spout, Mounting kit and Flexible Connection Tubes (3396/ST). Includes: aerated swivel outlet, 1/2" BSP female inlets, mounting kit, and 2 x 1/2" female iron 400mm long flexible inlets. SANS 226 Type 2, DZR brass.	No	2
39	Cobra Watertech 40mm Chrome plated unslotted basin waste union (no chain or stay) (317-40). Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection.	No	2
40	COBRA 309-32 "anti-theft" chrome-plate plug Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.	No	2
41	COBRA 365/50 bottle trap, 50mm, pvc outlet Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube.	No	2
42	COBRA angle regulating valves - COBRA 832/350F. Including 350mm braided flexi hose.	No	4
43	50 mm Deep seal "P" or "S" trap	No	2
<u>Slop Hopper, etc.</u>			
44	"Kwikot" Slop Hopper with cowling size 535x685x510mm high manufactured from 304(18/10) stainless steel 1,2mm thick with a 100mm high integral splash back to rear and both sides, Model (HDGX -SLOP 1 for floor and HDGX -SLOP 2) for wall connection. The cone has a integral flushing rim and 100mm Ø stainless steel "S" or "P" trap .Unit fitted with a back entry flush pipe for a standard flush valve. Unit fitted with a hinged bucket grid manufactured from 10mm diameter 304 (18/10) complete with two 40x40mm square stainless steel wall mounting gallows brackets fixed to wall with 4 of anchor bolts. Slop hopper supplied complete with floor mounting bracket as per manufacturers specifications	No	1
45	Cobra FJ2.210 Flushmaster Junior flushvalve set	No	1

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46	Cobra Watertech Stella 15mm chrome Chrome plated extended bibtap (3306ST/EXT-15). Includes: hot and cold indices, 1/2" BSP male inlet, sliding wall flange, and flow straightener for flow aesthetics.	No	2		
<u>TAPS, VALVES, ETC.</u>					
<u>Brass</u>					
47	15mm Stopcock	No	4		
48	22mm Stopcock	No	4		
<u>ELECTIC WATER HEATERS</u>					
49	150 Litre horizontal high pressure electric water heater	No	3		
50	Drip tray to suit 150 litre horizontal geyser with 100mm high upstand with top edge bent over all round including 50mm diameter overflow pipe 3000mm long approximately 3m above ground level	No	3		
51	"FRANKE" or other approved stainless steel 7.5 litre Hydro boil complete	No	3		
<u>SCRUBBING/POLISHING MACHINE</u>					
52	Provide a budgetary allowance of Thirty Two Thousand Rand (R32'000.00) for Scrubbing and Polishing Machine for Cleaner complete			Item	32 000.00
53	Allow for profit and attendance			Item	
<u>SANITARY PLUMBING</u>					
<u>PIPES, ETC.</u>					
<u>uPVC pipes</u>					
54	50mm Pipes	m	69		
55	110mm Pipes	m	14		
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<u>Extra over uPVC pipes for fittings</u>			
56	50mm Bend	No	46
57	110mm Bend	No	14
58	50mm Junction	No	19
59	110mm Pan connector	No	14
60	50mm Access bend	No	23
61	50mm Access junction	No	19
62	110mm "GI Two-way" vent valve	No	14
<u>WATER SUPPLIES</u>			
<u>Copper pipes (class 460/2) with soldered joints</u>			
63	15mm Pipes	m	210
64	22mm Pipes	m	181
<u>Extra over copper pipes (class 460/2) for capillary fittings</u>			
65	15mm Fittings	No	195
66	22mm Fittings	No	94
<u>Extra over copper pipes for capillary soldered fittings</u>			
67	15 mm Fittings	No	195
68	22 mm Fittings	No	94
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LAGGING

25mm Thick fibre glass insulation wrapped around pipes and fittings including straps, etc.

69	15mm Pipes	m	109
70	22mm Pipes	m	124
<u>Taps, valves, etc.</u>			
71	15 mm Brass bibcock with hose connection and 1/2" threaded outlet	No	2
72	25mm Brass stop valve	No	3

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FIRE APPLIANCES, ETC.

The following in fire hose reel, etc

73	25mm Galvanised steel pipe fixed to wall with U-bolt brackets	m	100
74	Female adaptor - 7030 32 x 1	No	4
75	25mm Brass quick-coupling valve as model 44RC	No	4
76	SH-2 Hose swivel	No	4
77	100mm Diameter uPVC sleeve not exceeding 250mm long	No	4
78	Hose reel complete with 30m plastic hose, chromium plated stopcock, shutt-off nozzle and wall bracket	No	4

TESTING, ETC.

79	Provide all necessary apparatus, water, etc. for and test the internal drainage system to the satisfaction of the Representative/Agent		Item
80	Provide all necessary apparatus, water, etc. for and test the internal hot and cold water and fire reticulation to the satisfaction of the Representative/Agent		Item

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Section No. 2
Bill No. 15
Plumbing and Drainage
**RUBIQUANT
QUANTITY SURVEYORS**

Section No. 2

Bill No. 15

Plumbing and Drainage

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Plumbing and Drainage
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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 16</u>			
	<u>GLAZING</u>			
	JBCC Work Group No. 150			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>GLAZING TO STEEL WITH PUTTY</u>			
	<u>4mm Obscure glass:</u>			
1	Panes not exceeding 0,5m ² "LI"	m2	6	
	<u>4mm Clear float glass:</u>			
2	Panes not exceeding 0,5m ² "LI"	m2	7	
3	Panes exceeding 0,5 m ² and not exceeding 2m ² "LI"	m2	6	
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>			
	<u>400 x 700mm Polished bevel-edge mirror fixed to wall with dome mirror screws</u>			
4	Mirror 500 x 900 mm high with four screws	No	17	
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	Section No. 2			
	Bill No. 16			
	Glazing			
	RUBIQUANT			
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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 2</u>			
	<u>BILL NUMBER 17</u>			
	<u>PAINTWORK</u>			
	JBCC Work Group No. 152			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>PAINTWORK, ETC TO NEW WORK</u>			
	<u>ON FLOATED PLASTER</u>			
	<u>Prepare and apply one undercoat (UC1) of Plascon plaster primer and two coats Plascon Velvaglio "Brocken White" (VLO 26) wall paint or other approved</u>			
1	On internal walls "LI"	m2	1 182	
	<u>Prepare and apply one undercoat and two coats Wall and All paint, applied strictly according to manufacturer's specifications or other approved</u>			
2	On external walls "LI"	m2	681	
	<u>Prepare for and apply one acrylic fillercoat and two coats teflon based durable low sheen pure acrylic paint with good scrub resistance</u>			
3	On concrete ceilings "LI"	m2	96	
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	Paintwork			
	RUBIQUANT			
	QUANTITY SURVEYORS			
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ON FIBRE CEMENT

One coat universal plaster primer and two coats PVA acrylic paint

4	On ceilings "LI"	m2	651
5	On fascias and barge boards "LI"	m2	485
6	Accoustic pannels "LI"	m2	79

One undercoat detergent and paint one coat "Eggshell" paint or other approved

7	On window cills not exceeding 300mm wide "LI"	m	37
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PAINT ON METAL

One coat Glatex 8 metal primer (PL3) and apply two coats Glatex 8 finishing coats or other approved, on:

8	Doors "LI"	m2	8
9	Door frames "LI"	m2	48
10	On cell and safe door and frames "LI"	m2	32
11	On gates, grilles, burglar screens, balustrades, etc. (both sides measured over the full flat area) "LI"	m2	121
12	On steel columns, beams, base plates, etc "LI"	m2	596

ON WOOD

One coat "Spick & Span Oil Based Wood Primer (UC2)" under coat and two coats "Plascon Velvaglo Polyurethane Velvet Enamel (VLO)" paint or other approved

13	On doors "LI"	m2	39
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Three coats polyurethane clear varnish

14	On doors "LI"	m2	39
15	Skirtings and mouldings not exceeding 300mm girth "LI"	m	62

Carried to Collection

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Section No. 2
Bill No. 17
Paintwork
**RUBIQUANT
QUANTITY SURVEYORS**

PREVIOUSLY PAINTED SURFACES

General Notes:

All surfaces to be perfectly dry & in a fit state to receive paint before any application commences

PAINTWORK, ETC TO EXISTING WORK

ON PLASTER, FIBRE CEMENT, ETC.

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 suitable filler and finished smooth.

Prepare and apply one undercoat (UC1) of Plascon plaster primer and two coats Plascon Velvagio "Brocken White" (VLO 26) wall paint or other approved

16	On internal walls "LI"	m2	1 134
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Prepare and apply one undercoat of Plascon plaster primer and two coats Plascon Wall and all, wall paint or other approved

17	On external walls "LI"	m2	625
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Clean down and apply one undercoat detergent and paint one coat "Eggshell" paint or other approved

18	Window cills "LI"	m	45
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Prepare and apply one coat universal plaster primer and two coats PVA acrylic paint

19	Accoustic pannels "LI"	m2	59
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ON CONCRETE

Prepare for and apply one acrylic fillercoat and two coats teflon based durable low sheen pure acrylic paint with good scrub resistance

20	On concrete ceilings "LI"	m2	71
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Section No. 2
Bill No. 17
Paintwork
**RUBIQUANT
QUANTITY SURVEYORS**

ON METAL

Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal. Care is to be taken when rubbing down previously finished galvanised steelwork, not to damage or remove the galvanising.

Prepare, removing all rust to bright metal, spot priming bare metal surfaces with one coat Glatex 8 metal primer (PL3) and apply two coats Glatex 8 finishing coats or other approved

21	Door frames "LI"	m2	33
22	On windows with burglar proofing (both sides measured) "LI"	m2	69
23	On gates, grilles, burglar screens, balustrades, etc. (both sides measured over the full flat area) "LI"	m2	15

ON WOOD

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

Prepare and apply one coat wood primer, one coat universal undercoat and two coats 100% silthane silk paint

24	450mm Wide wooden bench with steel angle support "LI"	m	18
25	Doors "LI"	m2	83

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Paintwork
**RUBIQUANT
QUANTITY SURVEYORS**

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Paintwork

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SECTION 3:

EXTERNAL WORK

Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 3</u>			
	<u>BILL NUMBER 1</u>			
	<u>SITE WORKS AND PAVING (PROVISIONAL)</u>			
	<u>GENERAL EARTH WORKS (PROVISIONAL)</u>			
	JBCC Work Group No 104.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "PW371 - Specification of Materials and Methods to be used"			

	<u>SITE CLEARANCE, REMOVAL OF TREES, ETC.</u>			
	<u>Site Clearance :</u>			
1	Clear area of site of all rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200 mm girth, bush, etc., including reclearing of any subsequent vegetation growth during the contract period as considered necessary by the Representative and removing all material from site, As item 1 page 124	m2	2 135	
	<u>Taking out and removing, grubbing up roots and filling in holes</u>			
2	Indigenous tree exceeding 200mm and not exceeding 500mm girth	No	3	
3	Indigenous tree exceeding 500mm and not exceeding 1000mm girth	No	2	
4	Indigenous tree exceeding 1000mm and not exceeding 1500mm girth	No	3	
	Carried to Collection			R
	Section No. 3 Bill No. 1 Site works and Paving (Provisional) RUBIQUANT QUANTITY SURVEYORS			

ROADS, PAVINGS, ETC.,

EXCAVATION, FILLING, ETC

Excavation under paving not exceeding 300mm deep

5	Under floors	m3	1 344	
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Earth filling supplied by the contractor compacted to 95% Mod AASHTO density

6	150mm layers of G5 Material and compacted to 95% Mod, The G5 should be the form of a sugar dolerite, decomposed granite or decomposed sandstone	m3	810	
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7	150mm layers of G7 Material and compacted to 95% Mod, The G7 should be the form of a sugar dolerite, decomposed granite or decomposed sandstone	m3	771	
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Base course constructed of filling supplied by the Contractor:

8	Stabilisation of sub-base or in-situ material with equal parts of Ordinary Portland Cement and road lime, evenly worked into filling material, including wetting and curing to the satisfaction of the Engineer.	m3	427	
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Compaction of surfaces:

9	Compaction of ground surface under pavings, roads, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density and 100% Mod AASHTO for sand.	m2	2 135	
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**RUBIQUANT
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	<u>Coarse river sand filling supplied by the Contractor</u>		
10	Under paving	m3	362
	<u>WEED KILLER</u>		
	<u>Approved weed killer in strict accordance with manufacturers instructions</u>		
11	Under paving, etc	m2	2 548
	<u>PAVING</u>		
	Paving to be laid in accordance with SABS 1200 MJ, SABS 1058 and the Concrete Masonry Association's specifications		
	<u>Paving of 50 mm clay paving bricks of approved colour with butt joints on 20 mm thick river sand bed (elsewhere measured)</u>		
12	Paving in herringbone bond pattern to falls	m2	413
13	Extra over for straight edge blocks	m	351
	<u>Paving of 80 mm concrete paving bricks of approved colour with butt joints on 20 mm thick river sand bed (elsewhere measured)</u>		
14	Paving in stretcher bond to falls	m2	2 135
	<u>PRECAST KERBS</u>		
	<u>Precase concrete finished smooth on exposed surfaces including bedding, cutting and pointing:</u>		
15	Kerb (SABS927 fig 6) with 45 x 125mm unreinforced concrete footing, 250 x 250mm triangular concrete haunching at back of each joint and 300 x 150mm concrete infill in front with cement grouted joints, including excavation, backfilling, etc.	m	670
16	Ditto, Kerb (SABS 927 fig 6) but circular on plan not exceeding 4m radius formed with short lengths of straight kerb.	m	62

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Section No. 3
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Site works and Paving (Provisional)
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RETRO-REFLECTIVE ROAD SIGNS, ETC.

Road signs and road markings shall conform to the requirements given in the South African Road Traffic Manual and relevant SABS specifications.

The rate tendered for road signs shall cover the cost of supplying and erecting the completed signboard supports, face, frame and fixing brackets and shall include the cost for providing retro-reflective backgrounds, symbols, characters, legends and borders of the type specified in the South African Road Traffic Manual. The tendered rate shall include for excavations, backfilling and concreting of sign supports.

17	900mm Diameter regulation "DISABLED PARKING SYMBOL" sign (R323) in accordance with S.A.B.S. standard fitted and fixed on creosoted pole, 2 700mm high bedded in 450 x 450 x 600mm deep concrete footing, included all necessary excavation, etc.	No	3
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STORMWATER CHANNELS

Stormwater channels, V drains

18	20 MPa Concrete open surface stormwater channel 1 000mm wide and 85mm thick with V-shape channel 1 000mm wide and 75mm deep extreme formed in same, finished smooth on exposed faces with angles slightly rounded, laid to falls in lengths not exceeding 2m, jointed in 3:1 cement mortar including excavations, necessary formwork including 150mm deep selected filling underneath and compacting to a density of 93% of the Mod. AASHTO Maximum density	m	278
19	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	333
20	Extra over 1 000mm wide channel for angles, intersections, ends, dressing into sides of catchpits, etc.	No	18
21	Triangular shaped stormwater channel outlet 1m wide at head, 1.5m wide at base and 1m long at sides formed of 85mm thick concrete V-shaped base including all excavations, formwork and six 150 x 150mm broken bricks or stones protruding 150mm high at base of the spill basin	No	3

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Site works and Paving (Provisional)

**RUBIQUANT
QUANTITY SURVEYORS**

GULLIES

22	110 mm uPVC gulley complete with and including 380 x 380 x 170mm precast concrete gulley surround on 75mm Class C concrete base abd fitted with 187mm diameter uPVC grating.	No	1
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INSPECTION CHAMBERS, MANHOLES, ETC.

Sumps, catchpits, inspection chambers, etc (gratings and covers elsewhere):

Gratings, covers, etc:

23	600 x 600 x 60kg Dished cast iron grating set in mortar	No	1
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The following in soakaways, french drains, etc:

24	Excavate not exceeding 2m deep.	m3	7
25	Unreinforced concrete 15Mpa in base.	m3	3
26	150mm Thick concrete block wall.	m2	4
27	Selected rubble filling.	m3	3
28	250 Micron plastic waterproof membrane laid over soakaway.	m2	10
29	Risk of collapse to sides of soakaway excavations not exceeding 1,5m deep.	m2	12
30	Extra over soakaway excavations for carting away surplus material from excavations to a dumping site to be located by the contractor.	m3	2
31	Earthfilling obtained from excavations or stock piles on site compacted to 93% backfilled to soakways.	m3	2

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Section No. 3
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Site works and Paving (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

CONCRETE APRONS

The following in aprons

32	Level and compact earth under apron slab.	m2	109
33	Unreinforced concrete (20MPa) in apron slab	m3	16
34	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	109
35	Wood float finish to top of concrete surface bed.	m2	109
36	Half rounded angle on edge of concrete aprons.	m	91
37	Rough formwork to edge of concrete not exceeding 300mm high.	m	182
38	10mm Expansion joints of 10mm Jointex filler board between vertical concrete surfaces not exceeding 300mm high.	m	9
39	Ditto, between vertical concrete surfaces and brickwork surfaces not exceeding 300mm high	m	91
40	Rake out softboard 25mm deep and seal expansion joints " Thioflex 600" polysulphide sealing compound including backing cord, bond breaker, primer, etc, in aprons.	m	100

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Site works and Paving (Provisional)
**RUBIQUANT
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ALUMINIUM FLAGPOLE

The following in a 8,85m high Standard Government type Aluminium Flagpole as "Aluweld" or other approved and erected on 600 x 600 x 800mm deep Class C concrete base, incl excavations, carting away, etc.

41	8,85m High flagpole comprising 130mm and 60mm outside diameter aluminium tubing tapered by way of an aluminium cone casting, welded and complete with spherical top cap, two pulleys, two cleats, two halyards (ropes), four flagrope clamps, swivel type base with four M20 x 550mm long anchorbolts for fixing flagpole baseplate including concrete base (Base size 1500 x 1500 x 550mm deep)	No	2
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LANDSCAPING

Ground preparation

42	Cultivation and preparation of areas to be planted	m2	4 380
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Topsoil, compost, lime and fertilizer

43	Topsoil supplied by the contractor in plant beds, grassed areas and holes for trees, shrubs, etc	m3	657
44	"Kikuyu" sods approximately 80mm thick	m2	4 380

SOFT LANDSCAPING

SOFT LANDSCAPING

45	Allow the PC amount of Two Hundred Thousand Rand (R 200 000.00) for Soft Landscaping complete	Item		200 000.00
46	Allow for profit and attendance	Item		

MOBILE UNITS

MOBILE UNITS

47	Allow the PC amount of One Million Five Hundred Rand (R 1 500 000.00) for Mobile Units complete	Item		1 500 000.00
48	Allow for profit and attendance	Item		

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**RUBIQUANT
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Site works and Paving (Provisional)

RUBIQUANT

QUANTITY SURVEYORS

Item No	Quantity	Rate	Amount
<p><u>SECTION NUMBER 3</u></p> <p><u>BILL NUMBER 2</u></p> <p><u>WATER SUPPLY AND FIRE SERVICES (PROVISIONAL)</u></p> <p>JBCC Work Group No. 148</p> <p><u>WATER SUPPLIES</u></p> <p><u>Note:</u></p> <p>Rates for piping, etc., have to include all adaptors, flanges, etc.</p> <p><u>General</u></p> <p>Where ever possible, abridged descriptions have been used for those items in this Bill which appear under the main trade headings in previous/subsequent Bills. The full descriptions of these items in the Preambles, as referred to above, to the various trade bills are to, and do apply equally to this Section.</p> <p><u>Reference</u></p> <p>Special reference is made to SABS 1200 specifications for civil works.</p> <p>Special reference is made to Specifications and details of Department of Public Works Drainage Detail (December 1998).</p>			
Carried to Collection			R
<p>Section No. 3 Bill No. 2 Water supplies (Provisional) RUBIQUANT QUANTITY SURVEYORS</p>			

Protection of existing services

The contractor must make allowance against the relevant items for the following:

- (a) Necessary care to be taken when excavating near existing services in or across the path of excavations.
- (b) Protection and maintaining such service in operation by means of temporary support or shoring as necessary.
- (c) Delays and disruption of the progress of the work due to the existence of the service.
- (d) Repairs necessitated by damage caused by the Contractor.

SABS specifications references

Where reference is made to SABS 1200 specifications (all sections) it will be deemed to exclude clause 8 "Measurements and Payment".

Nature of ground

The tenderer must acquaint himself with the material to be excavated in and are requested to study the Geotechnical Survey Report attached to Part C4: Site Information of the procurement document

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or alternatively, from stock piles situated on the building site.

Prescribed tests

All prescribed tests are to be executed by an approved, accredited laboratory

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Bill No. 2
Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

R

Concrete pipes

Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings

Polypropylene pipes

Polypropylene pipes 42 mm diameter and under shall be seamless copper coloured class 16 pipes jointed with brass compression fittings as designed for use with copper pipes as stated.

Pipes shall be firmly fixed to walls etc. with coloured nylon snap in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions.

All pipe diameters are to match sizes as utilised for copper pipes.

Polyethylene pipes

Polyethylene pipes 75 mm diameter and under up to 42 mm shall be seamless copper coloured class 16 Type IV HDPE pipes jointed with polymer compression fittings.

Pipes shall be firmly fixed to walls etc. with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions.

All pipe diameters are to match sizes as utilised for copper pipes.

C.O.D. Fibre Cement Pressure Pipes

Pipes shall be jointed with "Triplex" couplings. A lubricant (soft soap) is to be used in connecting the couplings to the pipe or fittings. The couplings are to be unsupported on the bedding when pipes are laid.

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Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

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uPVC pipes and fittings

Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings.

Soil, waste and vent pipes and fittings shall be solvent weld jointed.

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-syphon 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.

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In case of pipes with diameters not exceeding 60 mm 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 case of pipes with diameters exceeding 60 mm all sizes are given and no claim for extra bushes, reducers, etc., will be entertained.

Exposed concrete surfaces

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc. shall be finished smooth with plaster.

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the Quantity Surveyor/Engineer thereof prior to backfilling.

"Soft rock" and "hard rock" shall be as defined in "Earthworks".

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Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

R

Saddles

Saddles to be the Magnum uPVC type with stainless steel bolts and screw pieces complete with Talbot lockable clamp and compression external screw-thread adaptor.

uPVC pressure pipes and fittings

Pipes for water supply shall be of the class stated.

Pipes of 40 mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings

Pipes of 50 mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all outer fittings shall be cast iron, all with similar push-in type joints

Exposed concrete surfaces

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc. shall be finished smooth with plaster

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"

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Section No. 3
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Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

R

Laying, backfilling, bedding, etc. of pipes

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

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

SABS 1200 L: 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

Steel pipes, fittings and specials

Pipes of Nominal Bore up to 150 mm:

Substitute "screwed" in L3.4.2 with "flanged".

Pipes of Nominal Bore over 150 mm:

Add the following:

"All mild steel pipes must be manufactured from Grade B steel with minimum plate thickness of 6,0 mm except where specified otherwise."

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Water supplies (Provisional)
**RUBIQUANT
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Corrosion protection

Cast Iron Pipes and Fittings:

Substitute L3.9.1 with the following:

"All internal surfaces shall be grit blasted to SA 2½ standard and then coated with Copon EP 2300 epoxy paint to a minimum thickness of 350 micron."

Joints, Bolts, Nuts and Washers:

Substitute L3.9.5 with the following:

"All joints, bolts, nuts and washers shall be cadmium-plated or stainless steel."

Rates

Rates for pipe items are to be all inclusive prices and rates (except where allowed for elsewhere) are for the completed work as described in the respective items and shall include all labour, pipes, **bedding and filling complete in layers not exceeding 300 mm (unless otherwise specified) and compacted** all sundry work, equipment cost, guards, lighting, profit and maintenance.

Under paved areas and buildings the sand bedding and filling must be stabilised with 4 % cement.

Rates for inspection chambers, etc., are to be all inclusive prices and rates (except where allowed for elsewhere) for the completed work as described in the respective items and shall include all labour, pipes, concrete-floors and slabs, brickwork, plastering, compacting, all sundry work, equipment cost, guards, lighting, profit and maintenance.

The Contractor is referred to Drawing no's 208640VSO/15 to 17 annexed to these Bill of Quantities.

Pipework, fittings, etc.

All underground steel pipes and fittings, after installation, shall be protected against corrosion according to PSL 1.2

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Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

R

Maintenance period

The maintenance period for the following work shall be 12 calendar months.

High density polyethylene class 16 piping complying with SABS 533 Part III

1	25 mm Pipes laid in and including trenches not exceeding 1000 mm deep	m	15
2	32 mm Pipes laid in and including trenches not exceeding 1000 mm deep	m	5
3	40 mm Pipes laid in and including trenches not exceeding 1000 mm deep	m	5
4	50 mm Pipes laid in and including trenches not exceeding 1000 mm deep	m	40
5	63 mm Pipes laid in and including trenches not exceeding 1000 mm deep	m	78

The following in HDPE compression (16 Bar) fittings

6	25 x 20 Reducer	No	6
7	25 x 90° Elbow	No	4
8	32 x 20 Reducer	No	3
9	32 x 90° Elbow	No	3
10	32 x 32 Equal Tee	No	1
11	40 x 90° Elbow	No	2
12	40 x 32 Reducer	No	1
13	40 x 22 Reducer	No	2
14	50 x 50 Euqual Tee	No	2
15	50 x 90° Elbow	No	6
16	50 x 32 Reducer	No	3

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**RUBIQUANT
QUANTITY SURVEYORS**

17	63 x 63 Euqual Tee	No	8
18	63 x 90° Elbow	No	15
19	63 x 50 Reducer	No	1
<u>The following in valves, etc</u>			
20	32mm Stainless steel sluice/gate valve with teflon seat	No	1
21	35mm Isolating valve	No	2
22	35mm In-line strainer	No	1
23	35mm Non-return valve	No	1
24	35mm adjustable pressure reducing valve set to 4.0BAR	No	1
25	50mm Stainless steel sluice/gate valve with teflon seat	No	3
26	54mm Non-return valve	No	2
27	54mm In-line strainer	No	2
28	54mm Isolating valve	No	6
29	54mm adjustable pressure reducing valve set to 4.0BAR	No	1
30	63mm Isolating valve	No	5
<u>The following in Valve Chamber</u>			
31	Standard valve chamber size 337 x 337 x 390mm high comprising of Class 25/19 concrete footing and collar, with 200mm diameter Class B COD fibre cement pipe vertically into ground and covered with Besaans-du Plessis size 115mm diameter x 102 Type 7 stopcock box cast into concrete collar	No	5
<u>Sundries</u>			
32	Cut into existing HDPE pipe in ground and connect new 50mm HDPE water pipe	No	1.00

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BOREHOLE

Borehole

33	Allow the PC amount of Two Hundred and Sixty Thousand Rand (R 260 000.00) for Borehole complete	Item	260 000.00
34	Allow for profit and attendance	Item	

TESTING :

35	Allow for testing the whole of the water reticulation system and for any re-testing necessary after taking out and replacing any defective work to the satisfaction of the Representative.	Item	
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EMERGENCY WATER TANK

36	Galvanised steel tank (4x3x1 high module Panels) on 9m high galvanised steel stand (elsewhere measured) complete in accordance with CKS 114 including 100 mm diameter float valve series 7354 according to VOSA	Item	
37	Supply, deliver to site and erect 9 m high galvanised steel tank stand for the abovementioned tank, complete with side ladder, bearers, excavations, backfill, formwork all in strict accordance with the necessary safety acts, etc.	Item	
38	Galvanised steel tank (6x5x3 high module Panels) on ground level complete in accordance with CKS 114 including 100 mm diameter float valve series 7354 according to VOSA	Item	
39	Pretreatment Galvanised steel tank (4x4x4 high module Panels) on ground level complete in accordance with CKS 114 including 100 mm diameter float valve series 7354 according to VOSA	Item	

REINFORCED CONCRETE

40	Concrete base and stub columns for water tank		m3
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Water supplies (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

REINFORCEMENT (Provisional)

Mild steel reinforcement

41	8mm Diameter bars	t	0.23	
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High tensile steel reinforcement

42	12mm Ditto	t	0.91	
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43	16mm Ditto	t	1.14	
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WATER SUPPLIES TO IRRIGATION SYSTEM

44	Provide an amount of R100 000.00 (One Hundred Thousand Rand) for Irrigation system with JoJo tanks Pump etc		Item	100 000.00
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45	Profit and attendance on above-mentioned item		Item	
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	<u>SECTION NUMBER 3</u>			
	<u>BILL NUMBER 3</u>			
	<u>SOIL DRAINAGE (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or other approved may be used with prior approval from the architect			
	JBCC Work Group No. 146			
	<u>EXISTING MANHOLE</u>			
1	Break into existing manhole, build in pipe as necessary, bench out in connection to the existing soil drainage system with and including all excavations, material and labour to the approval of the Representative.	No	1.00	
	<u>REPAIR OF SEWER INFRASTRUCTURE</u>			
	<u>Sewer pipe repairs, all pipe and fittings to be checked with Engineer before installing</u>			
	<u>Free Flow uPVC drain pipes including bedding, backfilling and compacting of pipe trenches</u>			
2	110mm Pipe and excavations not exceeding 1m deep	m	97	
3	110mm Pipe and excavations exceeding 1m and not exceeding 2m deep	m	34	
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Extra over Free Flow uPVC pipe for fittings

4	110mm Bend	No	12
5	110mm Access bend	No	23
6	110mm Access junction	No	7
7	110mm Rodding eye	No	11
8	110mm Gulley P-trap	No	5

Sundries

9	15MPa/19mm Mass concrete encasing around 110mm horizontal drain pipe including all necessary formwork	m	12
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Work to existing

10	Excavate in earth not exceeding 2m deep for and remove existing 110mm diameter drain pipe and fittings including backfilling, compaction, etc	m	131
----	---	---	-----

Sundries

11	Extra over excavations to trenches, holes, etc., for excavations in soft rock	m3	4
12	Ditto, but hard rock.	m3	4
13	Imported sand in bedding and surround to pipework well compacted in layers, including any additional excavation, risk of collapse, etc	m3	25
14	Keeping excavations free of water		Item

Precast concrete circular manholes

15	Standard precast manhole, not exceeding 750 mm deep internally complete with precast concrete rings, cover slab, double seal cast iron manhole cover and frame (SABS 558 Type 2A heavy duty in roads and Type 8A medium duty elsewhere), unreinforced concrete footing and benching in bottom, dished down to channels and finished smooth with plaster.	No	1
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Section No. 3
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Soil Drainage (Provisional)
**RUBIQUANT
QUANTITY SURVEYORS**

16	Standard precast manhole, 1 050 mm internal diameter exceeding 750 mm and not exceeding 1 000 mm deep internally complete with precast concrete rings, cover slab, double seal cast iron manhole cover and frame (SABS 558 Type 2A heavy duty in roads and Type 8A medium duty elsewhere), unreinforced concrete footing and benching in bottom, dished down to channels and finished smooth with plaster.	No	1
17	Standard precast manhole, 1 050 mm internal diameter exceeding 1000 mm and not exceeding 1 250 mm deep internally complete with precast concrete rings, cover slab, double seal cast iron manhole cover and frame (SABS 558 Type 2A heavy duty in roads and Type 8A medium duty elsewhere), unreinforced concrete footing and benching in bottom, dished down to channels and finished smooth with plaster.	No	2
18	<p><u>TESTING :</u></p> <p>Allow for testing the whole of the soil drainage system and for any re-testing necessary after taking out and replacing any defective work to the satisfaction of the Representative.</p>		Item

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 3</u>			
	<u>BILL NUMBER 4</u>			
	<u>FENCING AND GATES (PROVISIONAL)</u>			
	Fencing prices are to include for site clearance and grading to even lines 1 m each side of fence line unless otherwise described, all necessary excavations in earth, risk of collapse and disposal of surplus excavated material			
	<u>DEMOLITIONS</u>			
	-WORK GROUP 102-			
	<u>Removal of existing fence</u>			
1	Take down and remove existing wire mesh fencing 2 400mm high including 300 mm flat wrapped, with post as indicated by the engineer	m	525	
2	Take down and remove existing steel palisade fencing 2 100mm high including posts as indicated by the engineer	m	125	
	<u>SITE CLEARANCE</u>			
	-WORK GROUP 104-			
3	Allow for digging up and removal of all grass, shrubs, rubbish and vegetable soil for a width of 500mm on either side of new fence line including forming 50mm high free space between underside of fence and ground surface by reducing or making up levels as required	m	525	
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METALWORK

-WORK GROUP 136-

SECURITY FENCING

Powder coated steel security fencing as per COCHRANE PRODUCTS 358 HIGH SECURITY FENCING MESH. All details and specifications to be verified with manufacturer

"ClearVu" or other approved

4	2900mm high "Cochrane ClearVu" fence with spikes on top or similar approved, complete with bases excavations etc. according to manufacturers detail, see details at the back of the bills of quantities	m	430
5	2100mm high "Cochrane ClearVu" fence with spikes on top or similar approved, complete with bases excavations etc. according to manufacturers detail, see details at the back of the bills of quantities	m	95
6	3500 x 2900mm High "Cochrane ClearVu" or similar approved Double gate complete as per details at the back of Bill of Quantities.	No	1
7	4500 x 2100mm High "Cochrane ClearVu" or similar approved Double gate complete as per details at the back of Bill of Quantities.	No	1
8	4500 x 2900mm High "Cochrane ClearVu" or similar approved sliding gate complete on and including gate rail, stoped end, guide rollers and gate motor.	No	1
9	5500 x 2900mm High "Cochrane ClearVu" or similar approved sliding gate complete on and including gate rail, stoped end, guide rollers and gate motor.	No	1

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Fencing, etc (Provisional)

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Fencing, etc (Provisional)

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SECTION 4:

EPWP-NYS & CONTRACT PARTICIPATION GOAL

Item No		Quantity	Rate	Amount
	<u>SECTION NO 4</u>			
	<u>BILL NUMBER 1</u>			
	<u>EMPLOYMENT AND TRAINING OF LABOUR ON EPWP-NYS INFRASTRUCTURE PROJECTS</u>			
	<u>PREAMBLES</u>			
	Tenders are advised to study 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</u>			
	Target : 30 Youth Workers			
	<u>Life Skills development and Technical training:</u>			
1	Life skills development training for youth workers for an average of 5 days per youth worker (ref. SL 11.01.01)	Item		120 000.00
2	Technical skills training for youth workers for an average of 45 days per youth worker (ref. SL 11.01.02)	Item		780 000.00
	NOTE: The above item is only applicable if DoL does not fund the Technical Training PRIOR to site handover.			
3	Add profit on above if required	Item		
4	Allow for attendance on the above, if any	Item		
5	Penalty due to not meeting the target as in SL 11.01.02 (<u>R 2'000.00</u> per Youth Worker)			
	<u>Travelling and Accommodation during off-site Training</u>			
	<u>Life skills training for 5 days each (ref. SL 11.02.01)</u>			
6	Travelling (based on R120 per day return trip/facilitator)	Item		600.00
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**BERGVILLE MAGISTRATE OFFICE
REPAIR AND RENOVATIONS**

7	Accommodation (based on 5 nights per week and R700 per night/facilitator) <u>Technical training for 45 days (ref. SL 11.02.02)</u>	Item	3 500.00
8	Travelling (based on R120 per day return trip/facilitator)	Item	5 400.00
9	Accommodation (based on 5 nights per week and R700 per night/facilitator x 1/39 nights) <u>Test for Medical fitness</u>	Item	31 500.00
10	Provision of General Medical Practitioner or Clinic to examine EPWP youth workers on medical fitness before and after appointment (including Covid-19 PPE).	Item	48 000.00
11	Add profit and attendance on above if required <u>Employment of youth workers including on-and-off site training</u>	Item	
12	Employment of youth workers (off - site training 90 worker days)	Item	221 760.00
13	Employment of youth workers (On - site training 270 worker days) <u>NOTE:</u> The unit of measurement shall be the number of youth workers at the Ministerial Determination labour rates multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of youth workers and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on max. of 9 months appointment for youth workers	Item	665 280.00
14	Add profit on above if required	Item	
15	Allow for attendance on the above, if any <u>Provision of EPWP PPE branded overalls and T-shirts/golf shirts to youth workers</u>	Item	
16	Supply 2x EPWP/NYS branded overalls, 1 x EPWP/NYS branded hard hat, 1 x pair safety boots and 2 x EPWP/NYS branded t-shirts to youth workers (ref. SL11.05.01) SABS Approved	Item	48 000.00
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**BERGVILLE MAGISTRATE OFFICE
REPAIR AND RENOVATIONS**

17	Add profit on above if required		Item	
18	Allow for attendance on the above, if any		Item	
<u>Provision of Small Tools for youth workers</u>				
19	Supply of small tools to youth workers. Specification to be supplied by the EPWP-NYS Service Provider for the respective trades. These tools will become the property of the youth workers after the completion of the programme (Ref SL 11.06.01)		Item	54 000.00
20	Add profit on above if required		Item	
21	Allow for attendance on the above, if any		Item	
<u>Provision of Catering for exit workshop</u>				
22	Sourcing of catering company for provision of meals during NYS EXIT Workshop and arrangement of hiring venue for the workshop.		Item	7 000.00
<u>Appointment of Youth team Leader</u>				
23	Appointment of youth team leader for the duration of the contract (ref:SL 11.07.01)		Item	70 000.00
<u>Liaison with Service provider</u>				
24	Liaison with service provider (ref SL 10.08)	Hrs	200	
	Monthly reporting and administration of the EPWP system including submission of EPWP Reporting System (ERS) beneficiary registration tool to the principal agent on a monthly cycle to reflect employment on a government construction site. Records will include			
<u>CLO Allowance</u>				
25	Provide a budgetary allowance of One Million Rand (R 1'000'000.00) for CLO complete		Item	1 000 000.00
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Bill No. 1

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Bill No. 1

Employment and Training of Labour

RUBIQUANT

QUANTITY SURVEYORS

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	<u>SECTION NO 4</u>			
	<u>BILL NUMBER 2</u>			
	<u>COMMUNITY PARTICIPATION GOAL</u>			
	<u>PREAMBLES</u>			
	Note to tenderers: As CPGs may not provide any bidder a competitive advantage. Provisional amounts and fixed percentages for profit and attendance have been provided. Only the provisional amount will be adjusted once the awarded tender amount and/or the beneficiaries have been appointed, and the final values have been ascertained.			
	<u>MINIMUM PERCENTAGE COMPULSORY SUB-CONTRACTING</u>			
1	Provision is made for 30% subcontracting to SMMEs in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.1. The percentage is the contractors allowance for the P&G's for the 30% sub-contractors (SMME's).The PQS is to define the actual P&G items applicable to the SMME's e.g. scaffolding , PPE etc.	Item		752 860.86
2	Add profit on above if required	Item		
3	Allow for attendance on the above, if any	Item		
	<u>MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS</u>			
4	Provision is made for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.2. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Manufacturers by main contractor and subcontractors based on determination by PQS taking into account specific project variables	Item		83 651.21
5	Add profit on above if required	Item		
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6	Allow for attendance on the above, if any	Item	
	<u>MINIMUM TARGETED LOCAL BUILDING MATERIAL SUPPLIERS</u>		
7	Provision is made for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.3. Allowance for monitoring and monthly reporting on material purchased from Local Building Material Suppliers by main contractor and subcontractors based on determination by PQS taking into account specific project variables	Item	83 651.21
8	Add profit on above if required	Item	
9	Allow for attendance on the above, if any	Item	
	<u>MINIMUM TARGETED LOCAL LABOUR SKILLS DEVELOPMENT</u>		
10	Provision is made for the Minimum Targeted Local Labour Skills Development CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.4. This allowance is for the cost for a suitably qualified and experienced training service provider appointed by the main contractor including monitoring and monthly reporting.	Item	167 302.41
11	Add profit on above if required	Item	
12	Allow for attendance on the above, if any	Item	
	<u>MINIMUM TARGETED ENTERPRISE DEVELOPMENT</u>		
13	A provisional amount has been allowed for in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.5. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises including monitoring and monthly reporting.	Item	1 335 000.00
14	Add profit on above if required	Item	
15	Allow for attendance on the above, if any	Item	
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	Section No. 4 Bill No. 2 Contract Participation Goal RUBIQUANT QUANTITY SURVEYORS		

MINIMUM TARGETED SKILLS DEVELOPMENT GOALS

16 A provisional amount has been allowed for the Minimum Targeted Development CPG in the execution of this project as described in PG-01.1 (EC) / PG-01.2 (EC) SCOPE OF WORKS C3.7.6.

- stipends payable to the beneficiaries
- appointment of training coordinator
- appointment of mentor (where applicable)
- appointment of training service providers
- other additional costs as per table 3 of the Standard
- monitoring and monthly reporting

Item 167 302.41

17 Add profit on above if required

Item

18 Allow for attendance on the above, if any

Item

LABOUR INTENSIVE PARTICIPATION GOAL

19 Labour Intensive Participation Goal - Allowance for monthly reporting of labour intensive works by main contractor based on determination by PQS taking into account specific project variables. Allowance for monitoring and monthly reporting on Works executed by means of Labour Intensive methods by main contractor and subcontractors based on determination by PQS taking into account specific project variables

Item 180 000.00

20 Allowance for profit all inclusive of associated costs to the contractor for implementation.

Item

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Contract Participation Goal

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QUANTITY SURVEYORS

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FINAL SUMMARY

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
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2	Repairs & Renovations	148	
3	External Works (Provisional)	176	
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	<u>SUBTOTAL</u>		R
	Part B : Electrical Installation	Item	
	Part C : Mechanical Installation	Item	
	<u>SUBTOTAL</u>		R
	ADD:		
	VALUE ADDED TAX		R
	TOTAL		R
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**T2.2 RETURNABLE DOCUMENTS REQUIRED FOR
TENDER EVALUATION PURPOSES**

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

Preference Points Claim for Bids: PA-16

or less and level of black ownership to claim points.

- 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 defined 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;

Preference Points Claim for Bids: PA-16

- Pt = 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

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".

Preference Points Claim for Bids: PA-16

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

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".

Preference Points Claim for Bids: PA-16

[TICK APPLICABLE BOX]

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)



Preference Points Claim for Bids: PA-16

DATE:.....

ADDRESS:.....

.....

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

Project title:	<i>BERGVILLE MAGISTRATE: REPAIRS AND RENOVATIONS INCLUDING UPGRADE AND INSTALLATION OF BOREHOLE</i>		
Tender / quotation no:	DBN22/12/01	Closing date:	8 February 2023
Advertising date:	14 December 2022	Validity period:	56 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						

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

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.

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

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

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
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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

PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

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

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

Project title:	<i>Bergville magistrate: repairs and renovations including upgrade and installation of borehole</i>		
Tender no:	<i>DBN22/12/01</i>	Reference no:	<i>6203/0188/26/4</i>

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:	<i>Bergville magistrate: repairs and renovations including upgrade and installation of borehole</i>		
Tender no:	<i>DBN22/12/01</i>	Reference no:	<i>6203/0188/26/4</i>

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:	<i>Bergville magistrate: repairs and renovations including upgrade and installation of borehole</i>		
Tender no:	DBN22/12/01	Reference no:	6203/0188/26/4

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:	<i>Bergville magistrate: repairs and renovations including upgrade and installation of borehole</i>		
Tender no:	DBN22/12/021	Reference no:	6203/0188/26/4

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 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

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

ADDITIONAL SPECIFICATION**SL EMPLOYMENT AND TRAINING OF YOUTH WORKERS ON THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) INFRASTRUCTURE PROJECTS: NATIONAL YOUTH SERVICE (NYS)****CONTENTS**

SL 01	SCOPE
SL 02	TERMINOLOGY AND DEFINITIONS
SL 03	APPLICABLE LABOUR LAWS
SL 04	EXTRACTS FROM MINISTERIAL DETERMINATION REGARDING SPWP
SL 05	EMPLOYER'S RESPONSIBILITIES
SL 06	PLACEMENT OF RECRUITED YOUTH WORKERS
SL 07	TRAINING OF YOUTH WORKERS
SL 08	BENEFICIARY (YOUTH WORKERS) SELECTION CRITERIA
SL 09	CONTRACTUAL OBLIGATIONS IN RELATION TO YOUTH LABOUR
SL 10	PROVINCIAL RATES OF PAY
SL 11	MEASUREMENTS AND PAYMENT
EXAMPLE	EPWP-NYS EMPLOYMENT AGREEMENT

SL 01 SCOPE

This project is part of the Expanded Public Works Programme and the National Youth Service Programme and aims to train young people and provide them with practical work experience as part of this programme. Youth aged between 18 and 35 will be recruited and trained in skills relevant to the work to be done on this project. These youth will have to be employed by the contractor as part of this project so that they can gain their work experience on these projects. The training of the youth will be coordinated and implemented by a separate service provider. This service provider will provide the contractor with a list of all the youth and the training each of these youth have received. The Contractor will be required to employ all of these youth for a minimum period of 6 months. Furthermore, the Contractor will be required to supervise these youth to ensure that the work they perform is of the required standard. If necessary the contractor's staff will be required to assist and mentor the youth to ensure that they are able to perform the type of work they need to do to the satisfactory standards required. The contractor will not be required to employ all youth in the programme at the same time, but may rotate the youth on the project, as long as all youth are employed for the minimum duration stated earlier.

This specification contains the standard terms and conditions for workers employed in elementary occupations and trained on a Expanded Public Works Programme (EPWP) for the National Youth Services Programme. These terms and conditions do NOT apply to persons employed in the supervision and management of a SPWP.

SL 02 TERMINOLOGY AND DEFINITIONS

SL 02.01 TERMINOLOGY

- | | | |
|-----|------|--|
| (a) | SPWP | The Code of Good Practice for Special Public Works Programmes, which has been gazetted by the Department of Labour, and which provides for special conditions of employment for these EPWP projects. In terms of the Code of Good Practice, the workers on these projects are entitled to formal training, which will be provided by training providers appointed (and funded) by the Department of Labour. For projects of up to six months in duration, this training will cover life-skills and information about other education, training and employment opportunities. |
| (b) | EPWP | Expanded Public Works Programme, a National Programme of the government of South Africa, approved by Cabinet. |
| (c) | UYF | Umsobumvu Youth Fund. |
| (d) | DOL | Department of Labour. |

SL 02.02 DEFINITIONS

- | | | |
|-----|---------------------|--|
| (a) | “employer” | means the contractor or any party employing the worker / beneficiary under the EPWP – NYS Programme. |
| (b) | “client” | means the Department of Public Works. |
| (c) | “ worker / trainee” | means any person working or training in an elementary occupation on a SPWP. |

SL 03 APPLICABLE LABOUR LAWS

In line with the Expanded Public Works Programme (EPWP) policies, the Ministerial Determination, Special Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of labour in government Notice No. R63 of 25 January 2002, of which extracts have been reproduced below in

clauses SL 04 shall apply to works described in the scope of work and which are undertaken by unskilled or semi-skilled workers.

The Code of Good Practise for Employment and Conditions of Work for Special Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice No. R64 of 25 January 2002 shall apply to works described in the scope of work and which unskilled or semi-skilled workers undertake.

SL 04 EXTRACTS FROM MINISTERIAL DETERMINATION REGARDING SPWP

SL 04.01 DEFINITIONS

In this specification –

- (a) “department” means any department of the State, implementing agent or contractor;
- (b) “employer” means any department that hires workers to work in elementary occupations on a EPWP;
- (c) “worker” means any person working in an elementary occupation on a EPWP;
- (d) “elementary occupation” means any occupation involving unskilled or semi-skilled work;
- (e) “management” means any person employed by a department or implementing agency to administer or execute a EPWP;
- (f) “task” means a fixed quantity of work;
- (g) “task-based work” means work in which a worker is paid a fixed rate for performing a task;
- (h) “task-rated worker” means a worker paid on the basis of the number of tasks completed;
- (i) “time-rated worker” means a worker paid on the basis of the length of time worked
- (j) “Service Provider” means the consultant appointed by Department to coordinate and arrange the employment and training of labour on EPWP infrastructure projects.

SL 04.02 TERMS OF WORK

- (a) Workers on a EPWP are employed on a temporary basis.
- (b) A worker may NOT be employed for longer than 24 months in any five-year cycle on a EPWP project.
- (c) Employment on a EPWP project does not qualify as employment and a worker so employed does not have to register as a contributor for the purposes of the Unemployment Insurance Act 30 of 1966.

SL 04.03 NORMAL HOURS OF WORK

- (a) An employer may not set tasks or hours of work that require a worker to work–
 - (i) more than forty hours in any week
 - (ii) on more than five days in any week; and
 - (iii) for more than eight hours on any day.
- (b) An employer and a worker may agree that the worker will work four days per week. The worker may then work up to ten hours per day.
- (c) A task-rated worker may not work more than a total of 55 hours in any week to complete the tasks (based on a 40-hour week) allocated to him.

Every work is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

SL 04.04 MEAL BREAKS

- (a) A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
- (b) An employer and worker may agree on longer meal breaks.
- (c) A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.

- (d) A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.

SL 04.05 SPECIAL CONDITIONS FOR SECURITY GUARDS

- (a) A security guard may work up to 55 hours per week and up to eleven hours per day.
- (b) A security guard who works more than ten hours per day must have a meal break of at least one hour duration or two breaks of at least 30 minutes duration each.

SL 04.06 DAILY REST PERIOD

Every worker is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

SL 04.07 WEEKLY REST PERIOD

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work ("emergency work").

SL 04.08 WORK ON SUNDAYS AND PUBLIC HOLIDAYS

- (a) A worker may only work on a Sunday or public holiday to perform emergency or security work.
- (b) Work on Sundays is paid at the ordinary rate of pay.
- (c) A task-rated worker who works on a public holiday must be paid –
 - (i) the worker's daily task rate, if the worker works for less than four hours;
 - (ii) double the worker's daily task rate, if the worker works for more than four hours.
- (d) A time-rated worker who works on a public holiday must be paid –
 - (i) the worker's daily rate of pay, if the worker works for less than four hours on the public holiday;

- (ii) double the worker's daily rate of pay, if the worker works for more than four hours on the public holiday.

SL 04.09 SICK LEAVE

- (a) Only workers who work four or more days per week have the right to claim sick-pay in terms of this clause.
- (b) A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.
- (c) A worker may accumulate a maximum of twelve days' sick leave in a year.
- (d) Accumulated sick-leave may not be transferred from one contract to another contract.
- (e) An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.
- (f) An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.
- (g) An employer must pay a worker sick pay on the worker's usual payday.
- (h) Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
 - (i) absent from work for more than two consecutive days; or
 - (ii) absent from work on more than two occasions in any eight-week period.
- (i) A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.
- (j) A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

SL 04.10 MATERNITY LEAVE

- (a) A worker may take up to four consecutive months' unpaid maternity leave.
- (b) A worker is not entitled to any payment or employment-related benefits during maternity leave.
- (c) A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.
- (d) A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.
- (e) A worker may begin maternity leave –
 - (i) four weeks before the expected date of birth; or
 - (ii) on an earlier date –
 - (1) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or
 - (2) if agreed to between employer and worker; or
 - (iii) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.
- (f) A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.
- (g) A worker who returns to work after maternity leave, has the right to start a new cycle of twenty-four months employment, unless the EPWP on which she was employed has ended.

SL 04.11 FAMILY RESPONSIBILITY LEAVE

- (a) Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -
 - (i) when the employee's child is born;

- (ii) when the employee's child is sick;
- (iii) in the event of the death of –
 - (1) the employee's spouse or life partner
 - (2) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling

SL 04.12 STATEMENT OF CONDITIONS

- (a) An employer must give a worker a statement containing the following details at the start of employment –
 - (i) the employer's name and address and the name of the EPWP;
 - (ii) the tasks or job that the worker is to perform;
 - (iii) the period for which the worker is hired or, if this is not certain, the expected duration of the contract;
 - (iv) the worker's rate of pay and how this is to be calculated;
 - (v) the training that the worker may be entitled to receive during the EPWP.
- (b) An employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.
- (c) An employer must supply each worker with a copy of the relevant conditions of employment contained in this specification.
- (d) An employer must enter into a formal contract of employment with each employee. A copy of a pro-forma is attached at the end of this specification.

SL 04.13 KEEPING RECORDS

- (a) Every employer must keep a written record of at least the following –
 - (i) the worker's name and position;
 - (ii) in the case of a task-rated worker, the number of tasks completed by the worker;
 - (iii) in the case of a time-rated worker, the time worked by the worker;
 - (iv) payments made to each worker.

- (b) The employer must keep this record for a period of at least three years after the completion of the EPWP project.

SL 04.14 PAYMENT

- (a) A task-rated worker will only be paid for tasks that have been completed.
- (b) An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer. Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- (c) A time-rated worker will be paid at the end of each month and payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- (d) Payment in cash or by cheque must take place –
 - (i) at the workplace or at a place agreed to by at least 75% of the workers; and
 - (ii) during the worker's working hours or within fifteen minutes of the start or finish of work;
- (e) All payments must be enclosed in a sealed envelope which becomes the property of the worker.
- (f) An employer must give a worker the following information in writing –
 - (i) the period for which payment is made;
 - (ii) the number of tasks completed or hours worked;
 - (iii) the worker's earnings;
 - (iv) any money deducted from the payment;
 - (v) the actual amount paid to the worker.
- (g) If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.
- (h) If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

SL 04.15 DEDUCTIONS

- (a) An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.

- (b) An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
- (c) An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement law, court order or arbitration award concerned.
- (d) An employer may not require or allow a worker to –
 - (i) repay any payment except an overpayment previously made by the employer by mistake;
 - (ii) state that the worker received a greater amount of money than the employer actually paid to the worker; or
 - (iii) pay the employer or any other person for having been employed.

SL 04.16 HEALTH AND SAFETY

- (a) Employers must take all reasonable steps to ensure that the working environment is healthy and safe and that all legal requirements regarding health and safety are strictly adhered to.
- (b) A worker must:
 - (i) work in a way that does not endanger his/her health and safety or that of any other person;
 - (ii) obey any health and safety instruction;
 - (iii) obey all health and safety rules of the EPWP project;
 - (iv) use any personal protective equipment or clothing issued by the employer;
 - (v) report any accident, near-miss incident or dangerous behaviour by another person to their employer or manager.

SL 04.17 COMPENSATION FOR INJURIES AND DISEASES

- (a) It is the responsibility of employers to arrange for all persons employed on a EPWP project to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.

- (b) A worker must report any work-related injury or occupational disease to their employer or manager.
- (c) The employer must report the accident or disease to the Compensation Commissioner.
- (d) An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

SL 04.18 TERMINATION

- (a) The employer may terminate the employment of a worker provided he has a valid reason and after following existing termination procedures.
- (b) A worker will not receive severance pay on termination.
- (c) A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.
- (d) A worker who is absent for more than three consecutive days without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
- (e) A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.

SL 04.19 CERTIFICATE OF SERVICE

- (a) On termination of employment, a worker is entitled to a certificate stating –
 - (i) the worker's full name;
 - (ii) the name and address of the employer;
 - (iii) the EPWP project on which the worker worked;
 - (iv) the work performed by the worker;

- (v) any training received by the worker as part of the EPWP project;
- (vi) the period for which the worker worked on the EPWP project;
- (vii) any other information agreed on by the employer and worker.

SL 05 EMPLOYER'S RESPONSIBILITIES

The employer shall adhere to the conditions of employment as stipulated in the *Code of Good Practice for Employment and Conditions of Work for Special Public Works Programmes*. Over and above the conditions stipulated above, he shall be responsible to:

- (a) formulate and design a contract between himself/ herself and each of the recruited youth workers, ensuring that the contract does not contravene any of the Acts stipulated in South African Law, e.g. Basic Conditions of Employment Act, etc. (A copy of a pro-forma contract is attached at the end of this specification);
- (b) screen and select suitable candidates for employment from the priority list of youth workers provided by the Umsobumvu Youth Fund (UYF);
- (c) ensure that the recruited youth workers are made available to receive basic life skills training which will be conducted and paid for by the Umsobumvu Youth Fund;
- (d) ensure that all youth workers receive instruction on safety on site prior to them commencing with work on site;
- (e) ensure that all youth workers are covered under workmen's compensation for as long as they are contracted to the contractor. Payment to the Compensation Commissioner shall be the responsibility of the contractor;
- (f) assist in the identification and assessment of potential youth workers to undergo advanced technical training in respective trades;
- (g) test and implement strict quality control and to ensure that the health and safety regulations are adhered to;
- (h) provide all youth workers with the necessary protective clothing as required by law for the specific trades that they are involved in.
- (i) provide overall supervision and day-to-day management of youth workers and/or sub-contractors; and
- (j) ensure that all youth workers are paid their wages on time through a pre-agreed payment method as stipulated in the contract with the youth worker.

SL 06 PLACEMENT OF RECRUITED YOUTH WORKERS

Employers will be contractually obliged to:

- (a) employ youth workers from targeted social groups from the priority list provided by the Service Provider/ Umsobumvu Youth Fund.
- (b) facilitate on-the-job training and skills development programmes for the youth workers;
- (c) achieve the following minimum employment targets:
 - (i) 100% people between the ages of 18 and 35
- (d) brief youth workers on the conditions of employment as specified in subclause SL 04.09 above;
- (e) enter into a contract with each youth worker, which contract will form part of the Employment Agreement;
- (f) allow youth workers the opportunity to attend life skills training through DOL. This shall be arranged at the beginning of the contract;
- (g) ensure that payments to youth workers are made as set out in subclauses SL 04.14 and SL 04.15 above.
- (h) set up of personal profile files as prescribed by Service Provider and as set out in subclause SL 04.13 above.
- (i) in addition to (h)
 - a copy of the I.D;
 - qualifications;
 - career progress;
 - EPWP Employment Agreement, and
 - list of small trade tools;must be included in the youth worker's personal profile file.

SL 07 TRAINING OF YOUTH WORKERS

Three types of training are applicable, namely

- Life skills;
- On the job training
- Technical Skills training.

Training will be implemented by training instructors accredited by DOL and/or CETA :

- Youth workers shall be employed on the projects for an average of 6 months.
- Youth workers shall be deployed on projects in the vicinity of their homes. The same arrangements as for other workers regarding accommodation, subsistence and travel shall be applicable to youth workers.

(a) Life skills training

All youth workers are entitled to undergo life skills training. Training of this module will be flexible enough to meet the needs of the employer. Training should take place immediately after site hand-over and during the period of site establishment and pre-planning before actual construction starts, alternatively this will be spread over the duration of the contract period. The contractor will be required to work closely with the person to schedule the training sessions so that the timing of the training is aligned with the contractors work schedule and his demand for workers.

(b) On-the job training

The Employer shall provide youth workers with on-the-job training to enable them to fulfil their employment requirements. The employer shall also be expected to closely monitor the job performance of youth workers and shall identify potential youth workers for skills development programmes.

(c) Technical skills training/Assessment

The Employer shall assist in identifying youth workers for further training. These youth workers will undergo further technical training to prepare them for opportunities as semi-skilled labourers.

Such training will comprise of an off-site theoretical component and practical training on-site. The contractor will be responsible for on-site practical work under his supervision. Youth workers who graduate from the first phase of the training programme will be identified and given opportunities to register for skills development programmes. These can ultimately result in a accredited qualification. The programme will consist of theoretical instruction away from the construction site as well as on-site practical work under the supervision of the employer. Candidates will be entitled to employment to complete all training modules.

SL 08 BENEFICIARY (YOUTH WORKERS) SELECTION CRITERIA**SL 08.01 PREAMBLE**

The *Code of Good Practise for Employment and Conditions of Work for Special Public Works Programmes* encourages:

- optimal use of locally-based labour in a Special Public Works Programme (SPWP);
- a focus on targeted groups which consist of namely youth, consisting of women, female-headed households, disabled and households coping with HIV/AIDS; and
- the empowerment of individuals and communities engaged in a SPWP through the provision of training.

SL 08.02 BENEFICIARY (YOUTH WORKERS) SELECTION CRITERIA

- (a) The youth workers of the programmes should preferably be non-working individuals from the most vulnerable sections of disadvantaged communities who do not receive any social security pension income. The local community must, through all structures available, be informed of and consulted about the establishment of any EPWP – NYS
- (b) In order to spread the benefit as broadly as possible in the community, a maximum of one person per household should be employed, taking local circumstances into account.
- (c) Skilled artisans from other areas may be employed if they have skills that are required for a project and there are not enough persons in the local communities who have those skills or who could undergo appropriate skills training. However, this should not result in more than 20% of persons working on a programme not being from local communities.
- (d) Programmes should set participation targets for employment with respect to youth, single male- and female-headed households, women, people with disabilities, households coping with HIV/AIDS, people who have never worked, and those in long-term unemployment.
- (e) The proposed targets as set out in sub clause SL 06 (c)
- 100% youth from 18 to 35 years of age

SL 09 CONTRACTUAL OBLIGATIONS IN RELATION TO YOUTH LABOUR

The youth workers to be employed in the programme (EPWP-NYS) shall be directly contracted to the employer. Over and above the construction and project management responsibilities, the employer will be expected to perform the tasks and responsibilities as set out in clause SL 05 above.

SL 10 PROVINCIAL RATES OF PAY

It is stipulated that youth workers on the EPWP-NYS receive a minimum of R 1 460 per month whilst working and R 700 per month whilst on training for the project. Should youth workers be attending training whilst employed by the contractor, the contractor will still be responsible for payment to the youth worker whilst at training.

SL 11 MEASUREMENTS AND PAYMENT

The number of youth workers specified for this contract that will receive life skills training is 30 for 10 days and technical training is 30 for 45 days.

**SL 11.01 PAYMENT FOR TRAINING OF YOUTH WORKERS
(TARGET:- 30 YOUTH WORKERS)**

SL 11.01.01 Skills development and Technical training for youth workers for an average of 45 days

SL 11.01.02 Penalty due to not meeting the target is
LESS R 2000 per youth worker

SL 11.04 EMPLOYMENT OF YOUTH WORKERS

The unit of measurement shall be the number of youth workers at the statutory labour rates of R- multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of youth workers and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on 6 months appointment for youth workers.

SL 11.05 PROVISION OF EPWP DESIGNED PPE TO YOUTH WORKERS

SL 11.05.01 a) Supply EPWP designed overalls to youth workers.

Youth worker overalls should be orange (top and bottom) as per EPWP specification with the exception of Correctional Services contracts where the youth workers top would be blue and the bottom orange.

b) Safety Helmet

c) Safety Shoes

d) Goggles

e) Gloves

f) Any other PPE necessary for the safe execution of the project

SL 11.05.02 Profit and attendance..... Unit: %

An amount has been provided in the Schedule of Quantities under sub item SL 10.05.01 for the supply of EPWP designed overalls, as per the specification provided by the EPWP unit, arranged by the Service Provider. The Engineer will have sole authority to spend the amounts or part thereof. The tendered percentage under sub items SL 10.05.02 will be paid to the contractor on the value of each payment pertaining to the supply of overalls to cover his expenses in this regard.

SL 11.06 **PROVISION OF SMALL TOOLS FOR YOUTH WORKERS**

SL 11.06.01 Provide all youth workers with prescribed tools for their respective trades. These tools will become the property of the youth worker after the completion of the programme. Allow for R1800.00 per youth worker for this purpose.

The following trades we will choose under.

- 1) Bricklaying
- 2) Plastering
- 3) Painting
- 4) Electrical assistance
- 5) Tiling
- 6) Carpentry
- 7) Paving

SL 11.06.02 Profit and attendance..... Unit: %

SL 11.07 **APPOINTMENT OF YOUTH TEAM LEADER/S**

SL 11.07.01 Appointment of 1 youth team leader/s is necessary for the duration of the contract. The Youth Team Leader will act as CLO/PLO to facilitate the project work between the youth workers and the contractor.

The Youth Team Leader should be a person with technical experience on the trades performed on site, not necessarily trade-tested.

SL 11.08 LIAISON WITH SERVICE PROVIDER

The tendered rate shall include full compensation for the cost of liaising with the Service Provider and Social Facilitators on all issues regarding the works.

EPWP - NYS EMPLOYMENT AGREEMENT

[Example]

CONTRACTOR

Name:

Address:

ID:

AND

YOUTH WORKER

Name:

Address:

ID:

1. I am pleased to confirm that you have been appointed to work on a task-based employment contract within an EPWP - NYS project. During this contract you will undertake various tasks.
2. This contract must be in conjunction with the standard terms and conditions of employment applicable to a SPWP, a copy of which is attached.
3. The project where you will be employed is located at
4. The contract will start on
and end on.....

5. You must be aware that this contract is a limited term contract and not a permanent job. Your minimum period will be 6 months and the contract may be terminated for one of the following reasons:

- (a) Funding for the programme in your areas comes to an end.
- (b) You repeatedly do not perform in terms of the tasks set out in your work programme.
- (c) If you breach any of the terms and conditions of this contract.

6. Disciplinary:

You will be employed as a general labourer within the EPWP – NYS team.

7. While you are working you will report to

8. Payment

You will be paid a fixed amount of R for abasis.

9. The contractor shall not be required to provide to local workers:

- holiday, leave, sick or severance pay;
- a pension or similar scheme;
- a medical aid or similar scheme.

10. Signatures

Signed on this day of 20.....

Contractor:

Date:

Youth Worker:

Date:

Witness:

Date: