

BILLS OF QUANTITIES	
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Item No		Quantity	Amount
	<p><b><u>BILL No. 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b>MEANING OF TERMS "TENDER / TENDERER"</b></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><b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b></p> <p>The <b>JBCC</b> Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described to be read in conjunction with the <b>Contract Data</b> issued with the tender.</p> <p>The <b>JBCC</b> General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the <b>JBCC</b> Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these <b>bills of quantities</b> / lump sum document, amended as hereinafter described</p> <p>The <b>contractor</b> is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this <b>agreement</b> such item is marked N/A signifying "not applicable"</p> <p>Where standard clauses or alternatives are not entirely applicable to this <b>agreement</b> 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</p> <p><b><u>TENDERER'S SELECTIONS</u></b></p> <p>Before submission of his tender the <b>contractor</b> is to complete the tenderer's selections in the <b>contract data for organs of state and other public sector bodies</b></p>		
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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)

**Tenderer's Note:** before pricing the preliminaries cognisance to be taken of the  
 information listed in the Contract Data DPW-04 (EC)

**PRICING OF BILLS OF QUANTITIES**

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

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

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

**VALUE ADDED TAX**

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

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**SECTION A: PRINCIPAL BUILDING AGREEMENT**

**INTERPRETATION**

**A1.0 DEFINITIONS AND INTERPRETATION**

Clause 1.0

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

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

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

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

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

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

**DEFAULT INTEREST:** No Clause

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

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

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

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

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

- 1 **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.

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- 2 **A2.0 LAW, REGULATIONS AND NOTICES**

Clause 2.0

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**3 A3.0 OFFER AND ACCEPTANCE**

Replace Clause 3.3 with the following:  
This agreement shall come into force on the date of letter of acceptance and continue to be of force and effect until the end of the latent defects liability period [22.0] notwithstanding termination [29.0] or the certification of final completion [21.0] and final payment [25.0]

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**4 A4.0 CESSION AND ASSIGNMENT**

Clause 4.0

Ref Clause 6.7 [CD] - Clause 4.2

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

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**5 A5.0 DOCUMENTS**

Clause 5.0

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

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

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

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6 **A6.0 EMPLOYER'S AGENTS**

Clause 6.0

**Replace Clause 6.5 with the following:**

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

**Add the following as Clause 6.7:**

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

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7 **A7.0 DESIGN RESPONSIBILITY**

Clause 7.0

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

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

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**INSURANCES AND SECURITIES**

8 **A8.0 WORKS RISK**

Clause 8.0

**Replace Clause 8.4 with the following:**

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

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9 A9.0 INDEMNITIES

Clause 9.0

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

9.2.9 No Clause

9.2.10 No Clause

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

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

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10 A10.0 INSURANCES

Clause 10.0

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

**Add the following as Clause 10.1.5.1:**  
**Hi Risk Insurance**  
 In the event of the project being executed in a geological area classified as a “High Risk Area”, that is an area which is subject to highly unstable sub-surface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply

**Add the following as Clause 10.1.5.1.1 Damage to the works**  
 The contractor shall, from the date of possession of the **site** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary

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

**10.1.5.1.2 Injury to persons or loss of or damage to property**  
 The **contractor** shall be liable for and hereby indemnifies and holds harmless

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the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

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

**10.1.5.1.3 Replace Clause with the following:**

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

**10.1.5.1.4 Replace Clause with the following:**

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

**10.2 Replace Clause with the following:**

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

10.6 No Clause

**Add the following as Clause 10.11**

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

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11 A11.0 SECURITIES

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

**Add the following to Clause 11.1:**

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

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

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

11.1.1 No Clause

11.1.2 No Clause

11.2.2 No Clause

11.3 No Clause

**Replace Clause 11.4.1 with the following:**

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

11.5 No Clause

11.6 No Clause

11.7 No Clause

11.8 No Clause

11.9 No Clause

11.10 No Clause

**Add the following as Clause 11.11:**

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

**Add the following as Clause 11.11.1:**

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

**Add the following as Clause 11.11.2:**

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

**Add the following as Clause 11.11.3:**

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

**Add the following as Clause 11.11.4:**

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

**Add the following as Clause 11.11.5:**

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

**Add the following as Clause 11.11.6:**

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

**Add the following as Clause 11.12:**

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

**Add the following as Clause 11.12.1:**

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

**Add the following as Clause 11.12.2:**

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

**Add the following as Clause 11.12.3:**

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

**Add the following as Clause 11.12.4:**

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

**Add the following as Clause 11.13:**

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

**Add the following as Clause 11.13.1:**

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

**Add the following as Clause 11.13.2:**

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

**Add the following as Clause 11.13.3:**

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

**Add the following as Clause 11.13.4:**

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

**Add the following as Clause 11.13.5:**

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

**Add the following as Clause 11.14.1:**

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

**Add the following as Clause 11.14.2:**

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

**Add the following as Clause 11.14.3:**

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

**Add the following as Clause 11.14.4:**

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

**Add the following as Clause 11.14.5:**

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

**Add the following as Clause 11.15:**

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

**Add the following as Clause 11.15.1:**

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

**Add the following as Clause 11.15.2:**

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

**Add the following as Clause 11.16:**

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

**Add the following as Clause 11.17:**

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

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**EXECUTION**

12 **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

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**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]

**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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**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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13	<p><b>A13.0 SETTING OUT</b></p> <p>Clause 13.0</p> <p>F:..... V:..... T:.....</p>	Item	
14	<p><b>A14.0 NOMINATED SUBCONTRACTORS</b></p> <p>Clause 14.0</p> <p>Ref Clause 6.7 [CD] - Clause 14.1.4</p> <p>14.1.5 No Clause</p> <p>Replace "principal agent " with "employer" [6.7 [CD]] in Clause 14.4.1</p> <p>Ref Clause 6.7 [CD] - Clause 14.6</p> <p>F:..... V:..... T:.....</p>	Item	
15	<p><b>A15.0 SELECTED SUBCONTRACTORS</b></p> <p>Clause 15.0</p> <p>Ref Clause 6.7 [CD] - Clause 15.1.4 &amp; Clause 15.5</p> <p>15.1.5 No Clause</p> <p><b>Replace Clause 15.1.2 with the following:</b>                      The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer</p> <p>Replace "principal agent " with "employer" [6.7 [CD]] in Clause 15.4.1</p> <p>F:..... V:..... T:.....</p>	Item	
16	<p><b>A16.0 DIRECT CONTRACTORS</b></p> <p>Clause 16.0</p> <p>F:..... V:..... T:.....</p>	Item	
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17	<p><b>A17.0 CONTRACT INSTRUCTIONS</b></p> <p>Clause 17.0</p> <p><b>Replace Clause 17.4 with the following:</b>                  The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21</p> <p><b>Add the following clause as Clause 17.6:</b>                  Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement.</p> <p>F:..... V:..... T:.....</p> <p><b><u>COMPLETION</u></b></p>	Item	
18	<p><b>A18.0 INTERIM COMPLETION- NOT APPLICABLE</b></p> <p>Clause 18.0</p> <p>F:..... V:..... T:.....</p>	Item	
19	<p><b>A19.0 PRACTICAL COMPLETION</b></p> <p>Clause 19.0</p> <p><b>Replace Clause 19.5 with the following:</b>                  On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section</p> <p><b>Add the following as Clause 19.8:</b>  <b>WORKS COMPLETION</b>                  (1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion.</p> <p>(2) Where, in the opinion of the contractor, the works completion list has been completed the contractor shall notify the principal agent who shall inspect within seven (7) calendar days of receipt of such a notice. Where, in the opinion of the principal agent, the Works Completion list:</p> <p>(2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a certificate of Works Completion to the contractor with a copy to the employer</p>		
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(2)(b) Has not been satisfactorily completed, the principal agent shall forthwith identify the works completion list items that are not yet complete and inform the contractor thereof. The contractor shall repeat the procedure in terms of 19.8(2)

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

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

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

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

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

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

20 **A20.0 COMPLETION IN SECTIONS - NOT APPLICABLE**

Clause 20.0

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

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21 | **A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION**

Clause 21.0

**Replace Clause 21.1 with the following:**

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

**Replace Clause 21.6 with the following:**

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

And/or

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

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

21.6.1 Omit Clause

21.6.2 Omit Clause

**Add the following as Clause 21.13:**

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

**Add the following as Clause 21.14:**

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

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22 A22.0 LATENT DEFECTS LIABILITY PERIOD

Clause 22.0

22.3.2 No Clause

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

Item

23 A23.0 REVISION OF THE DATE FOR PRACTICAL COMPLETION

Clause 23.0

Ref Clause 6.7 [CD] - Clause 23.1

Ref Clause 6.7 [CD] - Clause 23.2

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

Clause 24.0

**Replace Clause 24.1 with the following:**

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

**Replace Clause 24.2 with the following:**

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

**Replace Clause 24.2.1 with the following:**

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

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

**PAYMENT**

25 A25.0 PAYMENT

Clause 25.0

**Replace Clause 25.2 with the following:**

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

**Add the following to Clause 25.3:**

25.3.12 Monthly Local content report,

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

25.3.14 Tax Invoice

25.3.15 Labour intensive report

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25.3.16 Contract participation goal reports

25.5 No Clause

**Replace Clause 25.6 with the following:**

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

25.7.5 No clause.

**Replace Clause 25.10 with the following:**

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

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

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

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

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

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

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

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

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

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

25.12.6 Where security is a payment reduction in term of C 1.0 Option C, value

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of the works in terms of 25.1 and materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

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

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

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

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

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

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

Clause 26.0

Ref Clause 6.7 [CD] – Clause 26.1

Omit Clause 26.4.3

Ref Clause 6.7 [CD] – Clause 26.7

**Replace Clause 26.10 with the following:**

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

Ref Clause 6.7 [CD] – Clause 26.12

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

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27	<p><b>A27.0 RECOVERY OF EXPENSE AND/OR LOSS</b></p> <p>Clause 27.0</p> <p><b>Replace Clause 27.1.2 with the following:</b> Interest due to late payment only</p> <p><b>Replace Clause 27.1.4 with the following:</b> Interest due to late payment only</p> <p>27.1.5 No Clause</p> <p><b>Replace Clause 27.5 with the following:</b> 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</p> <p><b>Add the following as Clause 27.6:</b> 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</p> <p>F:..... V:..... T:.....</p> <p><b><u>SUSPENSION AND TERMINATION</u></b></p>		
28	<p><b>A28.0 SUSPENSION BY THE CONTRACTOR</b></p> <p>Clause 28.0</p> <p>28 No Clause                  28.1 No Clause                  28.1.1 No Clause                  28.1.2 No Clause                  28.1.3 No Clause                  28.1.4 No Clause                  28.1.5 No Clause                  28.2 No Clause                  28.3 No Clause                  28.4 No Clause</p> <p>F:..... V:..... T:.....</p>		Item
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29 | **A29.0 TERMINATION**

Clause 29.0

**Add the following as Clause 29.1.4:**

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

**Add the following as Clause 29.1.5:**

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

**Add the following as Clause 29.1.6:**

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

**Replace Clause 29.7 with the following:**

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

**Replace Clause 29.9 with the following:**

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

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

or

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

or

The payment reduction until the final payment is made;

or

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

29.14.1 No Clause

29.14.3 No Clause

29.14.4 No Clause

29.14.5 No Clause

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for People with Disabilities

29.14.6 No Clause

29.14.7 No Clause

29.15 No Clause

29.16 No Clause

29.17.3 No Clause

29.17.6 No Clause

29.21.5 No Clause

29.22 No Clause

29.23 No Clause

29.25.3 No Clause

29.25.4 No Clause

29.27 No Clause

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

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	<b><u>DISPUTE RESOLUTION</u></b>			
30	<p><b>A30.0 DISPUTE RESOLUTION</b></p> <p>Clause 30.0</p> <p><b>Replace Clause 30.2 with the following:</b>                  Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation</p> <p><b>30.3 to 30.7.7 No Clauses</b></p> <p><b>Replace Clause 30.8 with the following:</b>                  The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:</p> <p><b>30.8.1 No Clause</b></p> <p><b>Replace Clause 30.8.2 with the following:</b>                  The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties</p> <p><b>Replace Clause 30.8.3 with the following:</b>                  Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses</p> <p><b>Replace Clause 30.9 with the following:</b>                  Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse</p> <p>30.10 No Clause</p> <p>30.12 No Clause</p> <p>F:..... V:..... T:.....</p>		Item	
	<b><u>SECTION B: GENERAL PRELIMINARIES</u></b>			
	<b><u>B1.0 DEFINITIONS AND INTERPRETATION</u></b>			
31	<p><b>B1.1 Definitions</b></p> <p>F:..... V:..... T:.....</p>		Item	
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32	<b>B1.2 Interpretation</b> F:..... V:..... T:.....		Item	
<b><u>B2.0 DOCUMENTS</u></b>				
33	<b>B2.1 Checking of documents</b> F:..... V:..... T:.....		Item	
34	<b>B2.2 Provisional bills of quantities</b> F:..... V:..... T:.....		Item	
35	<b>B2.3 Availability of construction information</b> F:..... V:..... T:.....		Item	
36	<b>B2.4 Ordering of materials and goods</b> F:..... V:..... T:.....		Item	
<b><u>B3.0 PREVIOUS WORK AND ADJOINING PROPERTIES</u></b>				
37	<b>B3.1 Previous work - dimensional accuracy</b> F:..... V:..... T:.....		Item	
38	<b>B3.2 Previous work - defects</b> F:..... V:..... T:.....		Item	
39	<b>B3.3 Inspection of adjoining properties</b> F:..... V:..... T:.....		Item	
<b><u>B4.0 THE SITE</u></b>				
40	<b>B4.1 Handover of site in stages</b> F:..... V:..... T:.....		Item	
41	<b>B4.2 Enclosure of the works</b> F:..... V:..... T:.....		Item	
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42	<b>B4.3 Geotechnical and other investigations</b> F:..... V:..... T:.....	Item	
43	<b>B4.4 Encroachments</b> F:..... V:..... T:.....	Item	
44	<b>B4.5 Existing premises occupied: YES</b> F:..... V:..... T:.....	Item	
45	<b>B4.6 Services - unknown</b> F:..... V:..... T:.....	Item	
<b><u>B5.0 MANAGEMENT OF CONTRACT</u></b>			
46	<b>B5.1 Management of the works</b> F:..... V:..... T:.....	Item	
47	<b>B5.2 Progress meetings</b> F:..... V:..... T:.....	Item	
48	<b>B5.3 Technical meetings</b> F:..... V:..... T:.....	Item	
<b><u>B6.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</u></b>			
49	<b>B6.1 Samples of materials</b> F:..... V:..... T:.....	Item	
50	<b>B6.2 Workmanship samples</b> F:..... V:..... T:.....	Item	
51	<b>B6.3 Shop drawings</b> F:..... V:..... T:.....	Item	
52	<b>B6.4 Compliance with manufacturer's instructions</b> F:..... V:..... T:.....	Item	
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<b><u>B7.0 DEPOSITS AND FEES</u></b>		
53	<b>B7.1 Deposits and fees</b> F:..... V:..... T:.....	Item
<b><u>B8.0 TEMPORARY SERVICES</u></b>		
54	<b>B8.1 Water</b> F:..... V:..... T:.....	Item
55	<b>B8.2 Electricity</b> F:..... V:..... T:.....	Item
56	<b>B8.3 Ablution and welfare facilities</b> F:..... V:..... T:.....	Item
57	<b>B8.4 Communication facilities</b> F:..... V:..... T:.....	Item
<b><u>B9.0 PRIME COST AMOUNTS</u></b>		
58	<b>B9.1 Responsibility for prime cost amounts</b> F:..... V:..... T:.....	Item
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**B10.0 ATTENDANCE ON SUBCONTRACTORS**

59 **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

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

Item

60 **B10.2 Special attendance**

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

Item

**B11.0 GENERAL**

61 **B11.1 Protection of the works**

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

Item

62 **B11.2 Protection/isolation of existing works and works occupied in sections**

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

Item

63 **B11.3 Security of the works**

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

Item

64 **B11.4 Notice before covering work**

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

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65	<b>B11.5 Disturbance</b>	The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent  F:..... V:..... T:.....	Item	
66	<b>B11.6 Environmental disturbance</b>	F:..... V:..... T:.....	Item	
67	<b>B11.7 Works cleaning and clearing</b>	F:..... V:..... T:.....	Item	
68	<b>B11.8 Vermin</b>	F:..... V:..... T:.....	Item	
69	<b>B11.9 Overhand work</b>	F:..... V:..... T:.....	Item	
70	<b>B11.10 Tenant installations</b>	F:..... V:..... T:.....	Item	
71	<b>B11.10 Advertising</b>	F:..... V:..... T:.....	Item	
		<b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>		
		<b>Section C</b> contains specific preliminary items which apply to this contract except where <b>N/A (Not Applicable)</b> appears against an item		
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**C1.0 CONTRACT DRAWINGS**

- 72 \* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a **bills of quantities** or lump sum document
- \* The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed
- \* A full set of drawings is issued with the tender documents indicating the full scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed
- Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

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

Item

**C2.0 PREAMBLES**

- 73 The document "Construction Works: Specifications: General Specification (PW371-A) Edition 2.1" is obtainable on the Department's website (<http://www.publicworks.gov.za/> under "Consultants Guidelines"), and shall be read in conjunction with the **bills of quantities** / lump sum document and be referred to for the full descriptions of work to be done and materials to be used
- The document "Construction Works: Specifications: Particular Specification (PW371-B) Edition 2.2" is issued together with the drawings and shall be read in conjunction with the drawings and the **bills of quantities** / lump sum document

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

Item

**C3.0 TRADE NAMES**

- 74 Wherever a trade name for any product has been described in the **bills of quantities** / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders
- If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

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

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**C4.0 IMPORTED MATERIALS AND EQUIPMENT**

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

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

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

Item

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

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

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

Item

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

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

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

Item

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

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

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

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**C8.0 SECURITY CHECK OF PERSONNEL**

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

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

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

Item

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

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

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

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

Item

**C10.0 HIV/AIDS AWARENESS**

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

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**C10.1 AWARENESS CHAMPION**

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

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

Item

**C10.2 AWARENESS WORKSHOPS**

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

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

Item

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

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

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

Item

**C10.4 ACCESS TO CONDOMS**

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

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

Item

**C10.5 MONITORING**

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

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

Item

**Carried to Collection**

R

Section No. 1  
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**C11.0 OCCUPATIONAL HEALTH & SAFETY ACT**

86

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

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

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

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

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

Item

**Carried to Collection**

R

Section No. 1  
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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)- NOT APPLICABLE**

87

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

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

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

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

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

F:..... V:..... T:..... **Not Applicable**

Item

**Carried to Collection**

R

Section No. 1  
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 Bill No. 1  
 Preliminaries

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

88

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

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

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

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

**SUMMARY OF CATEGORIES**

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Item

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**Department of Public Works and Infrastructure  
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for People with Disabilities**

Section No. 1

Bill No. 1

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**Department of Public Works and Infrastructure  
Western Cape: Oudtshoorn SAPS: Installation of Facilities  
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Item No		Unit	Quantity	Rate	Amount
	<b><u>SECTION NO. 2</u></b>				
	<b><u>PUBLIC BATHROOMS</u></b>				
	<b><u>BUILDING WORKS</u></b>				
	<b><u>BILL NO. 1</u></b>				
	<b><u>ALTERATIONS</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>REMOVAL OF EXISTING WORK</u></b>				
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc (making good finishes elsewhere)</u>				
1	Timber single door and frame 900 x 2032mm high overall from one brick wall	No	2		
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc. including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
2	Vitreous china WC pan with cistern, seat and flush pipe complete	No	1		
3	Toilet paper holder from wall	No	1		
	<b><u>REPAIRWORK AND SERVICING TO SANITARYWARE, DRAINAGE, ETC.</u></b>				
4	Allow for cleaning and servicing of existing vitreous china wash hand basin and replacing all missing parts	No	2		
5	Allow for cleaning and servicing of existing vitreous china WC	No	2		
	<b>Carried to Collection</b>			R	
	Section No. 2 PUBLIC BATHROOMS Bill No. 1 Alterations				

	<b><u>REPOSITIONING AND SERVICING OF IRONMONGERY</u></b>				
6	Allow for removal, repositioning and servicing of grab rail	No	1		
	<b><u>MAKING GOOD OF FINISHES ETC</u></b>				
	<u>Making good plaster to walls</u>				
7	Plaster to walls where doors have been removed	m2	10		
	<b>Carried to Collection</b>				R
	Section No. 2 PUBLIC BATHROOMS Bill No. 1 Alterations				

**Department of Public Works and Infrastructure  
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Section No. 2		
PUBLIC BATHROOMS		
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Alterations		

R

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 2</u></b>				
	<b><u>ROOF COVERINGS, CLADDINGS, ETC</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>METAL ROOF SHEETING</u></b>				
	<u>0.55mm IBR Zinalume roof sheeting fixed to timber purlins</u>				
1	Roof covering with pitches not exceeding 25 degrees	m2	8		
	<b><u>SHEET METAL FLASHINGS, LININGS, COPINGS, ETC</u></b>				
	<u>0.55mm IBR Zinalume sheet metal flashing</u>				
2	Galvanised cover flashings 150mm girth with 100mm laps, let into groove in wall and including sealing top edge with 150mm wide bandage flashing	m	5		
3	Headwall flashing 308mm girth	m	5		
4	Side wall flashings 308mm girth	m	5		
	<b>Carried Forward to Summary of Section No. 2</b>				R
	Section No. 2 PUBLIC BATHROOMS Bill No. 2 Roof coverings, claddings, etc				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 3</u></b>				
	<b><u>CARPENTRY AND JOINERY</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>PLATE NAILED TIMBER ROOF TRUSS CONSTRUCTION ETC</u></b>				
	<u>Grade S5 SA Pine</u>				
1	76 x 50mm Purlins	m	15		
2	228 x 50mm Rafters	m	10		
	<u>Sundries</u>				
3	Storm clips	No	5		
4	Galvanised hoop iron straps	No	5		
	<b><u>EAVES, VERGES, ETC</u></b>				
	<u>High density fibre-cement fascia and barge boards</u>				
5	12 x 225mm Fascias boards including H profile jointer	m	5		
	<b><u>TIMBER DOORS, WINDOWS, ETC</u></b>				
	<b><u>DOORS ETC</u></b>				
	<u>Semi solid flush doors with commercial veneer</u>				
6	40mm Door 900 x 2032mm high fixed to timber frame	No	2		
	<b><u>FRAMES ETC</u></b>				
	<u>Wrought meranti</u>				
7	76 x 38 mm once rebated frame for door size approximately 900 x 2 032 mm high	No	2		
	<b>Carried Forward to Summary of Section No. 2</b>				R
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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 4</u></b>				
	<b><u>IRONMONGERY</u></b>				
	<u>User note</u>				
	Tenderers are advised to study Departmental Specification PW 371				
	<b><u>HINGES, BOLTS, ETC</u></b>				
1	102 x 76mm Stainless steel ball bearing butt hinges	No	6		
2	Surface mounted WC indicator bolt set with 66 x 40.5mm body and 42 x 62 x 95mm thick indicator plate and keep	No	1		
3	Anodised silver "Helping hand" facility indicator bolt and keep with 38 x 177 x 46mm overall front plate with fixed pull lever and 38 x 120 x 159mm long overall lever handle complete	No	1		
	<b><u>CATCHES, CABIN HOOKS, ETC</u></b>				
4	150mm Brass cabin hook and eye	No	1		
	<b><u>LOCKS</u></b>				
5	Three lever lockset	No	2		
6	"Union Dove on rose ALD600-06/00/2657/78" satin chrome aluminium door latch set or similar approved	No	2		
	<b><u>HANDLE</u></b>				
7	19mm Diameter x 300mm long slip-resistant stainless steel pull handle to door	No	2		
8	32 x 76 x 380 Brushed stainless steel D-Shaped pull handle fixed back to door	No	1		
	<b>Carried to Collection</b>				R
	Section No. 2 PUBLIC BATHROOMS Bill No. 4 Ironmongery				

<b><u>PUSH PLATES AND KICK PLATES</u></b>					
9	300 x 800 x 1.6mm Satin finished stainless steel kicking plate	No	4		
<b><u>DOOR CLOSERS</u></b>					
10	"DDS-NP-018" delayed action door closer or similar approved	No	2		
<b><u>LETTERS, NAMEPLATES, ETC</u></b>					
<u>152 x 152 x 3mm Aluminium "informatory" sign plates, screw-fixed with four chrome-plated self tapping screws or plugs</u>					
11	Plate with "Paraplegic" symbol	No	1		
12	Plate with "Unisex" symbol	No	1		
<b><u>SUNDRIES</u></b>					
13	Polished chrome plated 30 x 53 x 25mm projecting door stop, plugged	No	2		
<b><u>BATHROOM FITTINGS</u></b>					
<u>Stainless Steel</u>					
14	125 x 90mm Stainless steel soap tray with deep drawn ribbed tray, plugged	No	2		
15	"Franke" or similar approved 140 x 88 x 3mm thick stainless steel vandal resistant controlled delivery spindle toilet roll holder, plugged to wall	No	1		
16	32 x 750 x 206mm Deep stainless steel horizontal grab rail around cistern with 2No 80mm diameter flanges 3 times holed for and fixed with stainless steel fixing screws and plastic wall plugs	No	1		
17	32 x 300 x 300 x 300mm Stainless grab rail paraplegic side dogleg twice bent 45degrees with three 80mm high flanged supports 3 times holed and fixed with stainless steel fixing screws and plastic wall plugs to walls	No	1		
<b>Carried to Collection</b>					
Section No. 2 PUBLIC BATHROOMS Bill No. 4 Ironmongery					R







Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 6</u></b>				
	<b><u>PLUMBING AND DRAINAGE</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>RAINWATER DISPOSAL</u></b>				
	<u>Seamless aluminium prepainted gutters and rainwater pipes</u>				
1	85 x 125mm Diameter roof gutters	m	6		
2	Extra over gutter for stopped end	No	2		
3	Extra over gutter for bend	No	2		
4	Extra over gutter for outlet for 75mm pipe	No	2		
	<u>uPVC gutters and rainwater pipes</u>				
5	75mm Diameter rainwater down pipes fixed to walls	m	5		
6	Extra over rainwater pipe for bend	No	2		
7	Extra over rainwater pipe for shoe	No	2		
8	Extra over rainwater pipe for 1000mm long eaves or plinth offset	No	2		
	<b><u>SANITARY FITTINGS</u></b>				
	<b>Carried to Collection</b>				
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	Section No. 2 PUBLIC BATHROOMS Bill No. 6 Plumbing and drainage				

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	<u>"Vaal" or similar approved vitreous china</u>				
9	"Protea" paraplegic washdown WC suite comprising 90 degree outlet pan and matching 9 litre cistern including lid, fitments with purpose made chromium plated side flush lever, etc. and B2 economy double flap thermoset seat including connecting to existing water supply and waste pipes complete (as per Architectural schedule on drawing no. Arch 02).	No	1		
	<b><u>HOLES, ETC</u></b>				
	Prices for chases, holes, openings, sleeves, etc through or into brickwork, concrete, etc must include for making good same as well as any disturbed work or finishes in all other trades, unless otherwise decribed				
	50mm Diameter hole through 230mm wall formed of two half brick skins				
	<u>Core drilling through brickwork</u>				
10	50mm Diameter hole through 230mm wall formed of two half brick skins	No	10		
	<b>Carried to Collection</b>			R	
	Section No. 2 PUBLIC BATHROOMS Bill No. 6 Plumbing and drainage				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 7</u></b>				
	<b><u>GLAZING</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></b>				
	<u>5mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome headed mirror screws with rubber buffers to plugs in brickwork complete (as per Architectural detail and specification on drawing no. Arch - 04)</u>				
1	Mirror 400 x 600mm high	No	1		
	<b>Carried Forward to Summary of Section No. 2</b>				R
	Section No. 2 PUBLIC BATHROOMS Bill No. 7 Glazing				

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 8</u></b>				
	<b><u>PAINTWORK</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	Tenderers are advised that only the finish coat is noted in the description. Tenderers must however make an allowance in their price for all necessary surface preparation, primer coats, under coats and number of finishing coats as specified by the paint manufacturer				
	<b><u>PAINT TO NEW WORK</u></b>				
	<b><u>ONE COAT PRIMER AND TWO COATS GLOSS ENAMEL PAINT ON:</u></b>				
	<u>Wood surfaces</u>				
1	Timber doors	m2	7		
2	Timber door frames, etc	m2	1		
	<b><u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u></b>				
	<b><u>ONE COAT PRIMER, ONE COAT UNDERCOAT AND TWO COATS PVA PAINT ON:</u></b>				
3	Internal plastered walls	m2	45		
4	Plasterboard ceilings and cornices	m2	13		
	<b><u>ONE COAT PRIMER AND TWO COATS GLOSS ENAMEL PAINT ON:</u></b>				
	<b>Carried to Collection</b>				
					R
	Section No. 2 PUBLIC BATHROOMS Bill No. 8 Paintwork				



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Item No		Unit	Quantity	Rate	Amount
	<b><u>SECTION NO. 3</u></b>				
	<b><u>GROUND FLOOR STAFF BATHROOMS</u></b>				
	<b><u>BUILDING WORKS</u></b>				
	<b><u>BILL NO. 1</u></b>				
	<b><u>ALTERATIONS</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>REMOVAL OF EXISTING WORK</u></b>				
	<u>Breaking down and removing brickwork</u>				
1	One brick walls	m2	4		
2	Existing seat at visitors' cubicle and make good floor finishes	No	1		
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc (making good finishes elsewhere)</u>				
3	Timber single door and frame 900 x 2032mm high overall from one brick wall	No	1		
4	Remove existing steel gate and frame and set aside existing lock for re-use	No	1		
	<u>Taking out and refitting doors</u>				
5	Remove existing 1000 x 2050mm high galvanised steel door to clear the ground finish and reinstall and paint (paint elsewhere measured)	No	1		
	<b>Carried to Collection</b>			R	
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 1 Alterations				

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	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>				
6	Remove existing splash back tiles and prepare for new tiles to walls (new tiles measured elsewhere)	m2	56		
7	Remove existing ceramic tiles from floors and prepare for new tiles (new tiles measured elsewhere)	m2	16		
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
8	Vitreous china wall hung urinal with flush valve and flush pipe complete	No	2		
9	Toilet paper holder from wall	No	1		
	<b><u>BUILDING UP OPENINGS</u></b>				
	<u>Brickwork in NFP bricks in class II mortar in building up openings</u>				
10	Half brick walls	m2	2		
	<u>Sundries</u>				
11	Cutting toothings and bonding new one brick wall to existing	m2	1		
	<b><u>MAKING GOOD OF FINISHES ETC</u></b>				
	<u>Making good cement screeds</u>				
12	25mm Thick screed on floors in patches	m2	6		
13	25mm Thick screed on floors where half brick walls removed	m	5		
	<u>Making good internal cement plaster</u>				
14	Where one brick walls removed	m	6		
	<b>Carried to Collection</b>				
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 1 Alterations				R

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Item No	Unit	Quantity	Rate	Amount
<b><u>BILL NO. 2</u></b>				
<b><u>EARTHWORKS</u></b>				
<u>User note</u>				
<i>Tenderers are advised to study Departmental Specification PW 371</i>				
<b><u>EXCAVATIONS ETC</u></b>				
<u>Excavation in earth not exceeding 2m deep</u>				
1	Trenches	m3	1	
<u>Risk of collapse of excavations</u>				
2	Sides of excavations not exceeding 1,5m deep	m2	5	
<b><u>FILLING ETC</u></b>				
<u>Earth filling from excavations compacted to 95% Mod AASHTO density</u>				
3	Backfilling to trenches, holes, etc	m3	1	
<b>Carried Forward to Summary of Section No. 3</b>				
Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 2 Earthworks (provisional)				R



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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 4</u></b>				
	<b><u>MASONRY</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>BRICKWORK</u></b>				
	<b><u>FOUNDATIONS</u></b>				
	<u>Brickwork of NFX bricks in (nominal compressive strength) class I mortar</u>				
1	Half brick wall	m2	2		
	<b><u>SUPERSTRUCTURE</u></b>				
	<u>Brickwork of NFP brick in class II mortar</u>				
2	Half brick wall	m2	10		
	<u>Brickwork reinforcement</u>				
3	75mm Wide reinforcement built in horizontally	m	35		
	<b><u>BRICKWORK SUNDRIES</u></b>				
	<u>Prestressed fabricated lintels</u>				
4	150 x 70mm Lintels in lengths not exceeding 3m	m	3		
	<b>Carried Forward to Summary of Section No. 3</b>			R	
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 4 Masonry				

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 5</u></b>				
	<b><u>WATERPROOFING</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>				
	<u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u>				
1	In walls	m2	3		
	<b><u>JOINT SEALANTS, ETC.</u></b>				
	<u>Approved silicone sealing compound including backing cord, bond breaker, primer, etc.</u>				
2	6 x 10mm In joints between frames and walls	m	11		
3	Painters mate squeezed into joints to fill gap between metal/ timber frames and plastered walls, skirting/cornices and plastered walls, etc.	m	11		
	<b>Carried Forward to Summary of Section No. 3</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 5 Waterproofing				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 6</u></b>				
	<b><u>CARPENTRY AND JOINERY</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>TIMBER DOORS, WINDOWS, ETC</u></b>				
	<b><u>DOORS ETC</u></b>				
	<u>Semi solid flush doors with commercial veneer</u>				
1	40mm Door 813 x 2032mm high	No	2		
	<b><u>FRAMES ETC</u></b>				
	<u>Wrought meranti</u>				
2	76 x 38 mm once rebated frame for door size approximately 813 x 2 032 mm high	No	2		
	<b>Carried Forward to Summary of Section No. 3</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 6 Carpentry and joinery				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 7</u></b>				
	<b><u>IRONMONGERY</u></b>				
	<u>User note</u>				
	Tenderers are advised to study Departmental Specification PW 371				
	<b><u>HINGES, BOLTS, ETC</u></b>				
1	102 x 76mm Stainless steel ball bearing butt hinges	No	6		
2	Surface mounted WC indicator bolt set with 66 x 40.5mm body and 42 x 62 x 95mm thick indicator plate and keep	No	5		
3	Anodised silver "Helping hand" facility indicator bolt and keep with 38 x 177 x 46mm overall front plate with fixed pull lever and 38 x 120 x 159mm long overall lever handle complete	No	1		
	<b><u>CATCHES, CABIN HOOKS, ETC</u></b>				
4	150mm Brass cabin hook and eye	No	4		
	<b><u>LOCKS</u></b>				
5	Three lever lockset	No	6		
6	"Union Dove on rose ALD600-06/00/2657/78" satin chrome aluminium door latch set or similar approved	No	6		
	<b><u>HANDLE</u></b>				
7	19mm Diameter x 300mm long slip-resistant stainless steel pull handle to door	No	4		
8	32 x 76 x 380 Brushed stainless steel D-Shaped pull handle fixed back to door	No	1		
	<b>Carried to Collection</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 7 Ironmongery				

<b><u>PUSH PLATES AND KICK PLATES</u></b>					
9	300 x 800 x 1.6mm Satin finished stainless steel kicking plate	No	10		
<b><u>DOOR CLOSERS</u></b>					
10	"DDS-NP-018" delayed action door closer or similar approved	No	2		
<b><u>LETTERS, NAMEPLATES, ETC</u></b>					
<u>152 x 152 x 3mm Aluminium "informatory" sign plates, screw-fixed with four chrome-plated self tapping screws or plugs</u>					
11	Plate with "Paraplegic" symbol	No	2		
12	Plate with "Unisex" symbol	No	1		
13	Plate with "Direction Indicator" symbol	No	1		
<b><u>SUNDRIES</u></b>					
14	Polished chrome plated 30 x 53 x 25mm projecting door stop, plugged	No	6		
<b><u>BATHROOM FITTINGS</u></b>					
<u>Stainless steel</u>					
15	125 x 90mm Stainless steel soap tray with deep drawn ribbed tray, plugged	No	5		
16	"Franke" or similar approved 140 x 88 x 3mm thick stainless steel vandal resistant controlled delivery spindle toilet roll holder, plugged to wall	No	1		
17	32 x 750 x 206mm Deep stainless steel horizontal grab rail around cistern with 2No 80mm diameter flanges 3 times holed for and fixed with stainless steel fixing screws and plastic wall plugs	No	1		
<b>Carried to Collection</b>					
Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 7 Ironmongery					R

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18	32 x 300 x 300 x 300mm stainless grab rail paraplegic side dogleg twice bent 45degrees with three flanged 80mm high supports 3 times holed and fixed with stainless steel fixing screws and plastic wall plugs to walls	No	1		
	<u>Plastic</u>				
19	"Kimberley Clark Ref C408112" or similar approved paper towel dispenser, plugged to wall	No	5		
	<b>Carried to Collection</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 7 Ironmongery				



Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 8</u></b>				
	<b><u>METALWORK</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>STEEL GATES, SCREENS, CANOPY, ETC</u></b>				
	<u>Hot dipped galvanised steel gate with frame fixed to opening in wall with and including 16mm diameter chemical anchor bolts complete (as per Architectural detail and specification on drawing no. ARCH 03).</u>				
1	Single gate and frame 1018 x 2020mm high overall (G01 - Architectural drawing nr. ARCH 03)	No	1		
	<b>Carried Forward to Summary of Section No. 3</b>			R	
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 8 Metalwork				



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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 10</u></b>				
	<b><u>TILING</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>WALL TILING</u></b>				
	<u>200 x 200 x 5mm White glazed ceramic tiles (Allow a Prime cost Amount of R200/m2 delivered to site) fixed with adhesive to plastered walls</u>				
1	On walls	m2	56		
2	On narrow widths not exceeding 300mm	m2	5		
3	On sills 100mm wide	m	23		
	<b><u>FLOOR TILING</u></b>				
	<u>300 x 300 x 6mm Full bodied non-slip heavy duty floor tiles "NCI" or similar approved (Allow a Prime cost Amount of R200/m2 delivered to site) fixed with adhesive to screed and flush pointed with tinted waterproof jointing compound</u>				
4	On floors and landings	m2	16		
5	On narrow widths not exceeding 300mm wide	m2	2		
6	Skirting 100mm high	m	34		
	<b>Carried Forward to Summary of Section No. 3</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 10 Tiling				

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 11</u></b>				
	<b><u>PLUMBING AND DRAINAGE</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>SANITARY FITTINGS</u></b>				
	<u>"Vaal" or similar approved vitreous china</u>				
1	510 x 405mm Wash hand basin with three semi punched holes, integrated overflow and chainstay hole, bolted to wall with 2 x 10mm bolts including connecting to existing water supply and waste pipes complete (as per Architectural schedule on drawing no. Arch 04).	No	1		
2	"Protea" paraplegic washdown WC suite comprising 90 degree outlet pan and matching 9 litre cistern including lid, fitments with purpose made chromium plated side flush lever, etc. and B2 economy double flap thermoset seat including connecting to existing water supply and waste pipes complete (as per Architectural schedule on drawing no. Arch 04).	No	1		
	<b><u>WASTE UNIONS, ETC</u></b>				
	<u>Chrome plated brass:</u>				
3	32mm Basin waste union with and including anti-theft plug	No	1		
	<b><u>TRAPS, ETC</u></b>				
	<u>Chrome plated brass</u>				
4	32mm Bottle trap	No	1		
	<b><u>TAPS, VALVES, ETC</u></b>				
5	350 x 15mm Flexi connector	No	2		
	<b>Carried to Collection</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 11 Plumbing and drainage				







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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 12</u></b>				
	<b><u>GLAZING</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></b>				
	<u>5mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome headed mirror screws with rubber buffers to plugs in brickwork complete (as per Architectural detail and specification on drawing no. Arch 04)</u>				
1	Mirror 400 x 600mm high	No	4		
	<b>Carried Forward to Summary of Section No. 3</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 12 Glazing				

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 13</u></b>				
	<b><u>PAINTWORK</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	Tenderers are advised that only the finish coat is noted in the description. Tenderers must however make an allowance in their price for all necessary surface preparation, primer coats, under coats and number of finishing coats as specified by the paint manufacturer				
	<b><u>PAINTWORK ETC TO NEW WORK</u></b>				
	<b><u>ONE COAT PRIMER, ONE COAT UNDERCOAT AND TWO COATS PVA PAINT ON:</u></b>				
1	Internal plastered walls	m2	8		
	<b><u>ONE COAT PRIMER AND TWO COATS GLOSS ENAMEL PAINT:</u></b>				
	<u>On wood surfaces</u>				
2	Timber doors	m2	7		
3	Timber door frames etc	m2	1		
	<b><u>TWO COATS OIL WOOD PRIMER ON:</u></b>				
4	Backs of timber frames, linings, etc not exceeding 300mm wide	m	10		
	<b><u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u></b>				
	<b>Carried to Collection</b>				R
	Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 13 Paintwork				

<b><u>ONE COAT PRIMER, ONE COAT UNDERCOAT AND TWO COATS PVA PAINT ON:</u></b>				
5	Internal plastered walls	m2	19	
6	Plasterboard ceilings and cornices	m2	16	
<b><u>ONE COAT PRIMER AND TWO COATS GLOSS ENAMEL PAINT ON:</u></b>				
<u>Wood surfaces</u>				
7	Timber doors	m2	11	
8	Timber door frames etc	m2	5	
9	Timber windows	m2	5	
<u>Metal surfaces</u>				
10	Steel door	m2	4	
<b>Carried to Collection</b>				
Section No. 3 GROUND FLOOR - STAFF BATHROOMS Bill No. 13 Paintwork				R



Bill No	SECTION SUMMARY - GROUND FLOOR - STAFF BATHROOMS	Page No	Amount
1	Alterations	3/3	
2	Earthworks (provisional)	3/4	
3	Concrete, formwork and reinforcement	3/5	
4	Masonry	3/6	
5	Waterproofing	3/7	
6	Carpentry and joinery	3/8	
7	Ironmongery	3/12	
8	Metalwork	3/13	
9	Plastering	3/14	
10	Tiling	3/15	
11	Plumbing and drainage	3/19	
12	Glazing	3/20	
13	Paintwork	3/23	
<b>Carried to Final Summary</b>			R
Section No. 3 GROUND FLOOR - STAFF BATHROOMS			

Item No		Unit	Quantity	Rate	Amount
	<b><u>SECTION NO. 3</u></b>				
	<b><u>FIRST FLOOR STAFF BATHROOMS</u></b>				
	<b><u>BUILDING WORKS</u></b>				
	<b><u>BILL NO. 1</u></b>				
	<b><u>ALTERATIONS</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>REMOVAL OF EXISTING WORK</u></b>				
	<u>Breaking down and removing brickwork</u>				
1	One brick walls	m2	4		
2	Existing seat at visitors' cubicle and make good floor finishes	No	1		
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc (making good finishes elsewhere)</u>				
3	Timber single door and frame 900 x 2032mm high overall from one brick wall	No	1		
	<u>Taking out and refitting doors</u>				
4	Remove existing 1000 x 2050mm high galvanised steel door to clear the ground finish and reinstall and paint (paint elsewhere measured)	No	1		
	<b>Carried to Collection</b>			R	
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 1 Alterations				

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	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>			
5	Remove existing splash back tiles and prepare for new tiles to walls (new tiles measured elsewhere)	m2	56	
6	Remove existing ceramic tiles from floors and prepare for new tiles (new tiles measured elsewhere)	m2	16	
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
7	Vitreous china wall hung urinal with flush valve and flush pipe complete	No	2	
8	Toilet paper holder from wall	No	1	
	<b><u>BUILDING UP OPENINGS</u></b>			
	<u>Brickwork in NFP bricks in class II mortar in building up openings</u>			
9	Half brick walls	m2	2	
	<u>Sundries</u>			
10	Cutting toothings and bonding new one brick wall to existing	m2	1	
	<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
	<u>Making good cement screeds</u>			
11	25mm Thick screed on floors in patches	m2	6	
12	25mm Thick screed on floors where half brick walls removed	m	5	
	<u>Making good internal cement plaster</u>			
13	Where one brick walls removed	m	6	
	<b>Carried to Collection</b>			R
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 1 Alterations			

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	Page No	Amount
Section No. 4		
Bill No. 1		
Alterations		
<b><u>COLLECTION</u></b>		
Total Brought Forward from Page No.	4/1	
	4/2	
<b>Carried Forward to Summary of Section No. 4</b>		R
Section No. 4		
FIRST FLOOR - STAFF BATHROOMS		
Bill No. 1		
Alterations		

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO. 2</u></b>				
	<b><u>EARTHWORKS</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>EXCAVATIONS ETC</u></b>				
	<u>Excavation in earth not exceeding 2m deep</u>				
1	Trenches	m3	1		
	<u>Risk of collapse of excavations</u>				
2	Sides of excavations not exceeding 1,5m deep	m2	5		
	<b><u>FILLING ETC</u></b>				
	<u>Earth filling from excavations compacted to 95% Mod AASHTO density</u>				
3	Backfilling to trenches, holes, etc	m3	1		
	<b>Carried Forward to Summary of Section No. 4</b>				R
	Section No. 4				
	FIRST FLOOR - STAFF BATHROOMS				
	Bill No. 2				
	Earthworks (provisional)				

Item No		Unit	Quantity	Rate	Amount
	<p><b><u>BILL NO 3</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></b></p> <p><u>User note</u></p> <p><i>Tenderers are advised to study Departmental Specification PW 371</i></p> <p><b><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b></p> <p><u>20MPa/19mm concrete</u></p>				
1	Strip footings cast against excavated surfaces	m3	1		
	<b>Carried Forward to Summary of Section No. 4</b>				R
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 3 Concrete, formwork and reinforcement				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 4</u></b>				
	<b><u>MASONRY</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>BRICKWORK</u></b>				
	<b><u>FOUNDATIONS</u></b>				
	<u>Brickwork of NFX bricks in (nominal compressive strength) class I mortar</u>				
1	Half brick wall	m2	2		
	<b><u>SUPERSTRUCTURE</u></b>				
	<u>Brickwork of NFP brick in class II mortar</u>				
2	Half brick wall	m2	10		
	<u>Brickwork reinforcement</u>				
3	75mm Wide reinforcement built in horizontally	m	35		
	<b><u>BRICKWORK SUNDRIES</u></b>				
	<u>Prestressed fabricated lintels</u>				
4	150 x 70mm Lintels in lengths not exceeding 3m	m	3		
	<b>Carried Forward to Summary of Section No. 4</b>				R
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 4 Masonry				

Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 5</u></b>				
	<b><u>WATERPROOFING</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>				
	<u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u>				
1	In walls	m2	3		
	<b><u>JOINT SEALANTS, ETC.</u></b>				
	<u>Approved silicone sealing compound including backing cord, bond breaker, primer, etc.</u>				
2	6 x 10mm In joints between frames and walls	m	11		
3	Painters mate squeezed into joints to fill gap between metal/ timber frames and plastered walls, skirting/cornices and plastered walls, etc.	m	11		
	<b>Carried Forward to Summary of Section No. 4</b>				R
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 5 Waterproofing				

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Item No		Unit	Quantity	Rate	Amount
	<b><u>BILL NO 6</u></b>				
	<b><u>CARPENTRY AND JOINERY</u></b>				
	<u>User note</u>				
	<i>Tenderers are advised to study Departmental Specification PW 371</i>				
	<b><u>TIMBER DOORS, WINDOWS, ETC</u></b>				
	<b><u>DOORS ETC</u></b>				
	<u>Semi solid flush doors with commercial veneer</u>				
1	40mm Door 813 x 2032mm high	No	2		
	<b><u>FRAMES ETC</u></b>				
	<u>Wrought meranti</u>				
2	76 x 38 mm once rebated frame for door size approximately 813 x 2 032 mm high	No	2		
	<b>Carried Forward to Summary of Section No. 4</b>				R
	Section No. 4 FIRST FLOOR - STAFF BATHROOMS Bill No. 6 Carpentry and joinery				