



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

FORM OF GUARANTEE DPW-10.1 (EC)

DPW-10.1 (EC): FIXED CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

Director-General
Department of Public Works and Infrastructure
Government of the Republic of South Africa

FOR ATTENTION

Insert name
Private Bag **insert no**
insert town
insert postal code

Sir,

FIXED CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000 (EDITION 6.2 OF MAY 2018)

1. With reference to the contract between _____

_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa in its Department of Public Works and Infrastructure (hereinafter referred to as the "**employer**"), Contract/Tender No: CPT1006/23, for the WESTERN CAPE - OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES (hereinafter referred to as the "contract") in the amount of R **insert amount, (insert amount in words)**, (hereinafter referred to as the **contract sum**),

I / We, _____

in my/our capacity as _____ and hereby

representing _____ (hereinafter referred to as the "**guarantor**") advise that the **guarantor** holds at the **employer's** disposal the sum of R **insert amount, (insert amount in words)** being 5% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.
2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed, on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
3. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer**, at any stage prior to the expiry of this guarantee.
4. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last final **payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.

Tender no: (Insert Tender Number)

5. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the **construction period**, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
6. The **guarantor** reserves the right to withdraw from this guarantee at any time by depositing the guaranteed amount with the **employer**, whereupon the guarantor's liability ceases.
7. This guarantee is neither negotiable nor transferable, and
 - (a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 4 above, or
 - (b) shall lapse on the date of the last **certificate of practical completion**.
8. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than payment of the amount guaranteed.

SIGNED AT _____ **ON THIS** _____ **DAY OF**
_____ **20**__

AS WITNESS

1. _____

2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

CAPACITY: _____
(duly authorised thereto by resolution attached marked
Annexure A)

DATE: _____

- A. No alterations and/or additions of the wording of this form will be accepted.
- B. The physical address of the guarantor must be clearly indicated and will be regarded as the guarantor's *domicilium citandi et executandi*, for all purposes arising from this guarantee.
- C. This **GUARANTEE** must be returned to: _____



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

FORM OF GUARANTEE DPW-10.3 (EC)

DPW-10.3 (EC): VARIABLE CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

Director-General
Department of Public Works and Infrastructure
Government of the Republic of South Africa

FOR ATTENTION

Insert name
Private Bag *insert no*
insert town
insert postal code

Sir,

VARIABLE CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000 (EDITION 6.2 OF MAY 2018)

1. With reference to the contract between _____
_____ (hereinafter referred to as the "**contractor**") and the Government of the Republic of South Africa, in its Department of Public Works and Infrastructure, (hereinafter referred to as the "**employer**"), Contract/Tender No: **CPT1006/23**, for the **WESTERN CAPE - OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES** (hereinafter referred to as the "**contract**" in the amount of R *insert amount*, (*insert amount in words*) (hereinafter referred as the **contract sum**),

I / We, _____

in my/our capacity as _____ and hereby

representing _____ (hereinafter referred to as the "**guarantor**") advise that the **guarantor** holds at the **employer's** disposal the sum of R *insert amount*, (*insert amount in words*) being 10% of the **contract sum** (excluding VAT), for the due fulfillment of the contract.

2. I / We advise that the **guarantor's** liability in terms of this guarantee shall be as follows:
- (a) From and including the date on which this guarantee is issued and up to and including the date of payment of the amount in the last final **payment certificate**, the **guarantor** will be liable in terms of this guarantee to the maximum amount of 10% of the **contract sum** (excluding VAT);
 - (b) The **guarantor's** liability shall reduce to 3 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of practical completion**, subject to such amount not exceeding 10% of the **contract sum** (excluding VAT).
 - (c) The **guarantor's** liability shall reduce to 1 % of the **contract value** (excluding VAT) as determined at the date of the last **certificate of final completion**, subject to such amount not exceeding 10 % of the **contract sum** (excluding VAT).
 - (d) This guarantee shall expire on the date of the last **final payment certificate**.
 - (e) The **practical completion certificate** and the **final completion certificate** referred to in this guarantee shall mean the certificates issued in terms of the contract.

Tender no: CPT1006/23

3. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis; and de duobus vel pluribus reis debendi* which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof I/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed on receipt of a written demand from the **employer** to do so, stating that the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
4. Subject to the above, but without in any way detracting from the **employer's** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer** at any stage prior to the expiry of this guarantee.
5. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last **final payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.
6. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the construction period, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
7. The **guarantor** reserves the right to withdraw from this guarantee at any time by depositing the amount guaranteed with the **employer**, whereupon the **guarantor's** liability ceases.
8. This guarantee is neither negotiable nor transferable, and
 - (a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 5 above, or
 - (b) shall lapse in accordance with clause 2(d) above.
9. This guarantee shall not be interpreted as extending the **guarantor's** liability to anything more than the payment of the amount guaranteed.

SIGNED AT _____ **ON THIS** _____ **DAY OF** _____ **20**__

AS WITNESS

1. _____

2. _____

Tender no: **CPT1006/23**

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

CAPACITY: _____
(duly authorised thereto by resolution attached marked
Annexure A)

DATE: _____

- A. No alterations and/or additions of the wording of this form will be accepted.
- B. The physical address of the guarantor must be clearly indicated and will be regarded as the guarantor's *domicilium citandi et executandi*, for all purposes arising from this guarantee.
- C. This guarantee must be returned to: _____



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

PRICING INSTRUCTIONS PROJECT SPECIFIC. PG-02.2 (EC)

PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

Project title:	WESTERN CAPE - OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES				
Tender / Quotation no:	CPT1006/23	WCS no:		Reference no:	

C2.1 Pricing Assumptions

C2.1.1 BILLS OF QUANTITIES / LUMP SUM DOCUMENT

The **bills of quantities / lump sum document** forms part of and must be read and priced in conjunction with all the other documents forming part of the **contract documents**, the Standard Conditions of Tender, Conditions of Contract, Specifications, Drawings and all other relevant documentation.

The prices and rates to be inserted by the Tenderer in the Bill of Quantities shall be the full inclusive prices to be paid by the Employer for the work described under the several items, and shall include full compensation for all cost and expenses that may be required in and for the completion and maintenance during the defects liability period of all the work described and as shown on the drawings as well as all overheads, profits, incidentals and the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the Tender is based.

Each item shall be priced and extended to the "Total" column by the Tenderer, with the exception of the items for which only rates are required, or items which already have Prime Cost or Provisional Sums affixed thereto. If the Contractor omits to price any items in the Bill of Quantities, then these items will be considered to have a nil rate or price.

No alterations, erasures, omissions or additions is to be made in the text and/or conditions of these Bills of Quantities. Should any such alterations, amendments, note/s or addition be made, the same will not be recognized, but reading of these Bills of Quantities as originally prepared by the Quantity Surveyor will be adhered to.

The contractor is cautioned that the use of any quantities appearing in these Bills of Quantities for the purpose of ordering material, it is done at own risk and no liability whatsoever will be admitted by the Employer or Quantity Surveyor for the correctness of such Quantities. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.

The prices and rates to be inserted by the Tenderer in the Bills of Quantities shall be the full inclusive prices to be paid by the Employer for the work described. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit. Market related prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out. The Employer reserves the right to balance the Bill rates where deemed necessary within the Tendered Amount.

A price or rate is to be entered against each item in the Bills of Quantities, whether the quantities are stated or not. An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.

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PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

Should the full intent and meaning of any description not be clear, the bidder shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of National Best Practice.

All items for which terminology such as "inclusive" or "not applicable" have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

The Tenderer is required to check the Bills of Quantities and the numbers of the pages and should any be found to be missing or in duplicate, or should any of the typing be indistinct, or any doubt of obscurity arise as to the meaning of any description or particulars of any item, or if this Tender Enquiry contains any obvious errors, then the Tenderer must immediately inform the Principal Agent and have them rectified or explained in writing as the case may be. No liability whatsoever will be admitted by reason of the Contractor having failed to comply with the foregoing instruction.

The contractor is cautioned that the use of any quantities appearing in these Bills of Quantities for the purpose of ordering material, it is done at own risk and no liability whatsoever will be admitted by the Employer or Quantity Surveyor for the correctness of such Quantities. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.

No alterations, erasures, omissions, or additions are allowed to be made to the text and/or conditions contained in these Bills of Quantities. If any such alteration, amendment, note or addition is made, it will not be recognised and the Bills of Quantities will be deemed to be as originally drawn up by the Quantity Surveyor.

A price or rate is to be entered against each item in the Bills of Quantities, whether the quantities are stated or not. An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.

All items for which terminology such as "inclusive" or "not applicable" have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

The Tenderer shall fill in rates for all items where the words "rate only" appear in the "Total" column. "Rate Only" items have been included where:

- (a) variations of specified components in the make-up of a pay item may be expected; and
- (b) no work under the item is foreseen at tender stage but the possibility that such work may be required is not excluded.

For 'Rate Only' items no quantities are given in the "Quantity" column but the quoted rate shall apply in the event of work under this item being required. The Tenderer shall however note that in terms of the Tender Data the Tenderer may be asked to reconsider any such rates which the Employer may regard as unbalanced.

Descriptions in the Bills of Quantities are abbreviated and comply generally with those in the "PW 371" and the principles contained in the latest version of the Standard System for Measuring Builders' Work in South Africa. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the bidder shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of National Best Practice.

**PG-02.2 (EC) PRICING ASSUMPTIONS - JBCC 2000
PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)**

The price quoted against each item of this Bills of Quantities shall cover the full inclusive cost of the complete work to which it refers, as described in the Conditions of Contract and Specifications and as shown on the Drawings and shall allow for labour, material, transporting, loading, storage, supervision, commissioning, wastage, as well as the builders profit and attendance.

The Tenderer must ensure that he fully completes all columns of the Bill of Quantities including the Final Summary. The fully priced bill of quantities must be submitted with the tender or The Final Summary and the Section Summary pages MUST be returned with the tender document as indicated the PA-03 Notice and Invitation to Tender / PA-04 Notice and Invitation for quotation.

The tenderers are to ensure that they have read and understood the project specifications included in C3: Scope of Work. All the information provided in the Scope of Works form part of the work and must be included in the rates.

"The Contractor shall be deemed to have inspected and examined the Site and its surroundings and information available in connection therewith and to have satisfied himself before submitting his tender (as far as is practicable) as to:

- (a) the form and nature of the Site and its surroundings, including subsurface conditions,
- (b) the hydrological and climatic conditions,
- (c) the extent and nature of work and materials necessary for the execution and completion of the Works,
- (d) the means of access to the Site and the accommodation he may require

and, in general, shall be deemed to have obtained all information (as far as is practicable) as to risks, contingencies and all other circumstances which may influence or affect his Tender"

C2.1.2 VALUE ADDED TAX

The contract sum must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the bills of quantities / lump sum document shall be in Rands and cents and shall include all levies and taxes (other than VAT). VAT will be added in the summary of the Bill of Quantities. The rates must however be net (exclusive of VAT) with VAT calculated and added to the total value thereof in the Final Summary. All rates and amounts quoted in the Bill of Quantities

C2.1.3 CORRECTION OF ENTRIES

Incorrect entries shall not be erased or obliterated with correction fluid but must be crossed out neatly. The correct figures must be entered above or adjacent to the deleted entry, and the alteration must be initialled by the Tenderer.

C2.1.4 ARITHMETICAL ERRORS

Arithmetical errors found in the Bill of Quantities as a result of faulty multiplication of addition, will be corrected by the Engineer at the tender evaluation stage, as set out in the Tender Data.

C2.1.5 TRADE NAMES

Tenderers attention is drawn to the fact that wherever trade names or references to any catalogue have been made in these Bills of Quantities, it is purely to establish a standard for the required material. If use is made of any other equally approved material in lieu of the prescribed trade name or catalogue, the necessary price adjustments will be made.

C2.1.6 CONTRACT DOCUMENTS

The Tenderers are advised to examine the bills of quantities, drawings and specifications including all other contract documents and make themselves thoroughly acquainted with the nature and requirements of the work, as no claim for extra payment in this regard will be entertained. Should any parts of the drawings not be clearly intelligible to the Tender, he must, before submitting his tender, obtain clarification from the Principal Agent.

C2.1.7 FIXED PRICE CONTRACT

Tenderers are to take note that contract price adjustments **are not applicable** to this contract. Tenderers should therefore make provision in the **contract sum**, schedule of rates, etc., for possible price increases during the contract period, as no claims in this regard shall be entertained.

C2.1.8 PAYMENTS

Interim valuations and payments will be prepared on a monthly basis, all in terms of the conditions of contract.

The contractor is to note that no payment will be made for materials stored off site and in the case of materials being stored on site, payment will only be made for such materials on condition that they have not been delivered to the site prematurely, a tax invoice and proof of payment (ownership) is submitted by the Contractor.

C2.1.9 ACCOMMODATION ON SITE

It is imperative to note that no living quarters for construction workers on site will not be permitted for the full duration of the contract unless otherwise stated in the contract data or permission be granted by the Employer.

C2.1.10 SUBMISSION OF LOCAL MATERIAL UTILISATION REPORT (LOCAL CONTENT)

Submission of Local Material Utilisation Reports is *NOT APPLICABLE* to this project.

Bidders to note that materials procured for the works should be from South African manufactures and suppliers. Imported materials shall only be considered under exceptional circumstances, based on compelling technical justifications, and subject to the approval by the NDPWI.

The contractor shall be responsible for record keeping, documenting and submission of monthly local material utilization report with supporting documentation to the Employer's representative within 7 working days of the beginning of the successive month, indicating the percentage targets achieved in terms of DTI&C designated industry/sector/sub-sector schedule as per the PA36 and Annexures C attached to the tender document. The final percentage achievement to be reconciled upon completion of the project and form part of the final account. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11 CONTRACT PARTICIPATION GOALS

The contractor shall achieve in the performance of this contract the following Contract Participation Goals (CPGs) as indicated below:

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Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

Monthly progressive reports to be submitted to the Employer's representative indicating the percentage targets achieved which must be reconciled upon completion of the project and to form part of the final account.

C2.1.11.1 MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Building Material Manufacturers CPG is *NOT APPLICABLE* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Manufacturers CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.1. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.2 MINIMUM TARGETED LOCAL BUILDING MATERIAL SUPPLIERS CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Building Material Suppliers CPG is *NOT APPLICABLE* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Building Material Suppliers CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.2. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.3 MINIMUM TARGETED LOCAL LABOUR CONTRACT PARTICIPATION GOAL

The Minimum Targeted Local Labour Skills Development CPG is *NOT APPLICABLE* to this project.

Provision is made within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Local Labour CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.3. Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.4 MINIMUM TARGETED ENTERPRISE DEVELOPMENT CONTRACT PARTICIPATION GOAL

The Minimum Targeted Enterprise Development Contract Participation Goal is *NOT APPLICABLE* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Enterprise Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.4. The provisional amount allowed is for the appointment of training coordinator, mentor, training service providers and training of the beneficiary

enterprises. The provisional amount will be adjusted in accordance with the actual Contract Amount (Awarded tender amount excluding allowance, provisional amounts and VAT) of the awarded bid.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

The contractor shall complete a separate bill of quantities upon the award of the project and identification of the respective beneficiaries and the appointment of the training coordinator, mentor, training service providers of which the cost will be offset against the provisional amount allowed in the Bills of Quantities.

C2.1.11.5 MINIMUM TARGETED TARGETED CONTRACT SKILLS DEVELOPMENT GOALS (CSDG)

The Minimum Targeted Contract Skills Development CPG is *NOT APPLICABLE* to this project.

A provisional amount has been allowed for within the Contract Participation Goal section in the Bill of Quantities for the Minimum Targeted Skills Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.5. The provisional amount allowed is for:

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

The provisional amount will be adjusted in accordance with the actual Contract Amount (Awarded tender amount excluding allowance, provisional amounts and VAT) of the awarded bid.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

The contractor shall complete a separate bill of quantities upon the award of the project and identification of the respective beneficiaries. The CPG value to be achieved will be based on the actual contract amount which will be offset against the provisional amount allowed for within the Contract Participation Goal section in the Bill of Quantities.

Payment

The contractor shall upon the appointment of beneficiaries, provide a breakdown of all the associated costs. The contractor shall provide a payment schedule as to how the CPG costs will be claimed against for inclusion in the monthly payment certificates.

(a) Payment to the contractor to accommodate Part/Full Occupational qualification and Trade qualifications:

Should the contractor select Part/Full Occupational qualification and Trade qualifications learners, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

The contract skills participation goal, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 2 in the Standard for the applicable class of construction works. Should the contractor select Part/Full Occupational qualification and Trade

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qualifications learners, then the employer shall make provision for payment to the contractor as indicated in Table 2 of the Standard.

Table 2: Contracting skills development goals for different classes of engineering and construction works contracts

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No 48491 Government Gazette, 23 April 2023 (Table 2, Page 7)

Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil Engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

No provision for an additional payment item for the payment of the supervisor and/or mentors for the provision of training as provided for in the Contract Participation Goal section in the Bill of Quantities for the training of part/full time occupational learners and/or trade qualification learners. The associated cost is deemed to be included in general supervision on site.

The contractor shall complete a separate bill of quantities upon award, indicating the type and number of beneficiaries as well as the associated Notional Cost of Training to be provided, on which payment will be based.

(b) Payment to the contractor to accommodate Work Integrated Learners and Candidates for professional registration:

Should the contractor select Work Integrated Learners and/or Candidates for professional registration, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

Provisional amounts have been included in the Contract Participation Goal section in the Bill of Quantities for the training of Work Integrated Learners and Candidates for professional registration. The contractor shall price his Profit and Attendance (all inclusive of associated costs to the contractor for implementation and reporting), based on the provisional amount in the Contract Participation Goal section in the Bill of Quantities.

The contractor shall complete a separate bill of quantities upon award, indicating the type and number of beneficiaries as well as the associated Notional Cost of Training to be provided, on which payment will be based.

The CPG value to be achieved will be based on the contract amount as defined by the Standard, which will be offset against the provisional amount allowed for within the Contract Participation Goal section in the Bill of Quantities.

The contractor shall apportion the cost of accommodating work integrated learners (P1 and P2 learners) and candidates for professional registration by using Table 3 in the Standard and this cost will be used to determine the Rand value and will be used in determining the contract participation goal in the Bills of Quantities.

Table 3: The notional cost pf providing training opportunities per quarter

Source: cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No 48491 Government Gazette, 23 April 2023 (table 3, Page 9)

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Type of Training Opportunity	Provision for stipends (Unemployed learners only)	Provisions for mentorship	Provisions for additional costs*	Total costs	
				Unemployed learners	Employed learners
Method 1					
Occupational qualification	R7 000	R0	R9 000	R16 000	R9 000
Method 2					
TVET College graduates	R14 000	R0	R9 000	R23 000	N/A
Apprenticeship	R14 000	R0	R12 000	R26 000	R12 000
Method 3					
P1 and P2 learners	R24 000	R20 000	R4 500	R48 500	N/A
Method 4					
Candidates with a 3 year diploma	R37 000	R20 000	R4 500	R61 500	R20 000
Candidates with 4 year qualification	R47 000	R20 000	R4 500	R71 500	R20 000

Note: The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI. Should the rates increase after bid award or during construction the rates will be adjusted as a provisional item.

Example: Training Target Calculation for a R65,7m GB contract

Contract amount R65 700 000
 Contract duration 12 Months
 CSDG 0,50%
 Minimum CSDG target $0,50\% \times R65\,700\,000 = R328\,500$ (Minimum requirement)

Skills Types	Number of learners	Notional Cost / Learner / Quarter	Notional cost/learner/year	Total Notional Cost over 12 months Contract
Method 2: Workplace learning opportunities, with unemployed TVET graduates	1	R23 000	R92 000	R92 000
Method 3: Candidacy for an unemployed learner with a 3-year qualification	1	R61 500	R246 000	R246 000
Total	2			R338 000

C2.1.11.6 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME

The National Youth Service Training and Development Programme is *NOT APPLICABLE* to this project.

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities.

Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the National Youth Service Training and Development Programme CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.6.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's

Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.1.11.7 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *NOT APPLICABLE* to this project.

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Provision has been made within the Contract Participation Goal section in the Bill of Quantities for the monthly reporting illustrating the value of the works executed under Labour Intensive Works CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.7 and any other supplementary specifications.

Prescribed Profit and Attendance percentages have been stipulated, all inclusive of associated costs to the contractor for implementation and allowance for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.

C2.2 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date. Allowance must be made for submitting reports to the Employer's Representative on a monthly basis in terms of monthly and accumulative targets achieved with audited supporting documentation.



public works
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Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

BILLS OF QUANTITIES

**WESTERN CAPE - OUDTSHOORN SANDF
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Item No		Quantity	Amount
	<u>BILL No. 1</u> <u>PRELIMINARIES</u> MEANING OF TERMS "TENDER / TENDERER" Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder" <u>BUILDING AGREEMENT AND PRELIMINARIES</u> The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described to be read in conjunction with the Contract Data issued with the tender. The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities / lump sum document, amended as hereinafter described The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable" Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents <u>TENDERER'S SELECTIONS</u> Before submission of his tender the contractor is to complete the tenderer's selections in the contract data for organs of state and other public sector bodies <u>STRUCTURE OF THIS PRELIMINARIES BILL</u> Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement		
	Carried Forward Bill No. 1 Preliminaries	R	

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Brought Forward	R	
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		
<u>PRICING OF PRELIMINARIES</u>		
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)		
<u>PRICING OF BILLS OF QUANTITIES</u>		
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		
<u>VALUE ADDED TAX</u>		
Provision is made in the summary page of these bills of quantities / lump sum document for the inclusion of Value Added Tax (VAT)		
<u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u>		
<u>INTERPRETATION</u>		
Carried Forward	R	
Bill No. 1 Preliminaries		

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Brought Forward <u>A1.0 DEFINITIONS AND INTERPRETATION</u> Clause 1.0 The following definitions replace corresponding definitions or are added to the definitions in the JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), whatever the case may be ADVERSE WEATHER CONDITIONS: Adverse weather and inclement weather has the same meaning and used interchangeably and means any weather conditions i.e.: Rain, wind, snow, frost, temperature (cold or heat) that are not in the norm for the area where the construction takes place and during which no work is possible on site AGREEMENT: The completed Form of Offer and Acceptance, the completed JBCC® Principal Building Agreement and contract data for organs of state and other public sector bodies, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representative or representatives of the parties CONSTRUCTION PERIOD: The period commencing on the date of possession of the site by the contractor and ending on the date of practical completion CONTRACT PERIOD: The period commencing on the date of the letter of acceptance and ending on the date of final completion COST FLUCTUATION shall mean contract price adjustment provision (CPAP) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule DEFAULT INTEREST: No Clause GUARANTEE FOR CONSTRUCTION: A security in terms of the DPWI's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD] Carried Forward Bill No. 1 Preliminaries	R R
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	Brought Forward	R
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.		
F:.....V:.....T:.....	Item	
2 A2.0 LAW, REGULATIONS AND NOTICES		
Clause 2.0		
F:..... V:..... T:.....	Item	
	Carried Forward	R
Bill No. 1 Preliminaries		

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	Brought Forward	R	
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] F:..... V:..... T:.....	Item	
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 F:..... V:..... T:.....	Item	
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 F:..... V:..... T:.....	Item	
	Carried Forward	R	
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	Brought Forward	R	
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 F:..... V:..... T:.....	Item	
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 F:..... V:..... T:.....	Item	
	<u>INSURANCES AND SECURITIES</u>		
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 F:..... V:..... T:.....	Item	
	Carried Forward	R	
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	Brought Forward	R	
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:.....	Item	
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 the employer against any liability, loss, claim or proceeding arising at any time		
	Carried Forward	R	
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		Brought Forward	R
	during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, or personal property, or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract 10.1.5.1.3 Replace Clause with the following: It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the date of letter of acceptance, but before commencement of the works, submit to the employer proof of such insurance policy. 10.1.5.1.4 Replace Clause with the following: The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole 10.2 Replace Clause with the following: Where practical completion in sections is required [20.0], or where the works is for alterations and additions, the contractor shall effect and keep in force contract works insurance [10.1.1], supplementary insurance [10.1.2], public liability insurance [10.1.3] and where applicable, removal of lateral support insurance [10.1.4] and other insurances [10.1.5] in favour of the employer as beneficiary 10.6 No Clause Add the following as Clause 10.11 In the event that an insurer dispute the amount of the claim to be paid to the employer, the contractor shall be liable to the employer for the difference between the claim (as determined by the employers QS appointed on the project) made by the employer and the amount that the insurer is willing to pay F:.....V:.....T:.....		
11	A11.0 SECURITIES		Item
	Add the following as to the relevant related Clauses as follows:		
		Carried Forward	R
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Brought Forward	R	
Add the following to Clause 11.1:		
In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT).		
In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of C 1.0 Securities, as stated in the schedule. Such security shall be provided to the employer within fifteen (15) working days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within fifteen (15) working days from commencement date, the security in terms of C 1.0 Option C shall be deemed to have been selected.		
The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5		
11.1.1 No Clause		
11.1.2 No Clause		
11.2.2 No Clause		
11.3 No Clause		
Replace Clause 11.4.1 with the following:		
Hand over the site to the contractor and withhold an amount equal to ten per cent (10%) of each interim payment certificate until practical completion is achieved. The value certified shall be subject to the adjustments in terms of 25.12.6 to 25.12.10.		
11.5 No Clause		
11.6 No Clause		
11.7 No Clause		
11.8 No Clause		
11.9 No Clause		
11.10 No Clause		
Add the following as Clause 11.11:		
Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:		
Add the following as Clause 11.11.1:		
The contractor shall furnish the employer with a cash deposit equal in value to ten percent (10%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to furnish the employer with a cash		
Carried Forward	R	
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Brought Forward deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis. Add the following as Clause 11.11.2: The employer shall be entitled to recover expense and loss from the cash deposit in terms of Clause 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor. Add the following as Clause 11.11.3: Within fifteen (15) working days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT) and refund the balance to the contractor Add the following as Clause 11.11.4: Within fifteen (15) working days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor. Add the following as Clause 11.11.5: On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor. Add the following as Clause 11.11.6: The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party. Add the following as Clause 11.12: Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected: Add the following as Clause 11.12.1: The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within fifteen (15) working days after issuance of the letter of acceptance. Failure to submit an acceptable variable construction guarantee within fifteen (15) working days Clause 11.4 will apply mutatis mutandis. Add the following as Clause 11.12.2: The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender. Add the following as Clause 11.12.3: The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring. Add the following as Clause 11.12.4: Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall issue a written demand in terms of the variable construction guarantee. Carried Forward Bill No. 1 Preliminaries	R R
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Brought Forward Add the following as Clause 11.13: Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: Add the following as Clause 11.13.1: The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT). Add the following as Clause 11.13.2: The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion. Add the following as Clause 11.13.3: The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring. Add the following as Clause 11.13.4: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5. Add the following as Clause 11.13.5: Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or from both. Add the following as Clause 11.14.1: Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected: Add the following as Clause 11.14.2: The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to submit a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis. Add the following as Clause 11.14.3: Within fifteen (15) working days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor. Add the following as Clause 11.14.4: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5. Add the following as Clause 11.14.5: Where the employer has a right of recovery against the contractor in terms of 27, the employer may recover from the payment reduction or cash deposit or from both. Add the following as Clause 11.15: Carried Forward Bill No. 1 Preliminaries	R	
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		Brought Forward	R	
	Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected.			
	Add the following as Clause 11.15.1: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.6 to 25.12.10.			
	Add the following as Clause 11.15.2: The employer shall be entitled to recover expense and loss from the cash deposit in terms of 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor.			
	Add the following as Clause 11.16: Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement.			
	Add the following as Clause 11.17: Should the contractor fail to furnish the security in terms of 11.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT).			
	F:..... V:..... T:.....			Item
	<u>EXECUTION</u>			
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			
	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			
		Carried Forward	R	
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		Brought Forward	R	
	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] F:..... V:..... T:..... Main notice board The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering [12.2.18] F:..... V:..... T:.....			
13	A13.0 SETTING OUT Clause 13.0 F:..... V:..... T:.....		Item	
			Item	
		Carried Forward	R	
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		Brought Forward	R	
14	A14.0 NOMINATED SUBCONTRACTORS Clause 14.0 Ref Clause 6.7 [CD] - Clause 14.1.4 14.1.5 No Clause Replace "principal agent " with "employer" [6.7 [CD]] in Clause 14.4.1 Ref Clause 6.7 [CD] - Clause 14.6 F:..... V:..... T:.....		Item	
15	A15.0 SELECTED SUBCONTRACTORS Clause 15.0 Ref Clause 6.7 [CD] - Clause 15.1.4 & Clause 15.5 15.1.5 No Clause Replace Clause 15.1.2 with the following: The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer Replace "principal agent " with "employer" [6.7 [CD]] in Clause 15.4.1 F:..... V:..... T:.....		Item	
16	A16.0 DIRECT CONTRACTORS Clause 16.0 F:..... V:..... T:.....		Item	
		Carried Forward	R	
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	Brought Forward	R	
17	A17.0 CONTRACT INSTRUCTIONS Clause 17.0 Replace Clause 17.4 with the following: The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21 Add the following clause as Clause 17.6: Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement. F:..... V:..... T:..... <u>COMPLETION</u>	Item	
18	A18.0 INTERIM COMPLETION- NOT APPLICABLE Clause 18.0 F:..... V:..... T:.....	Item	
19	A19.0 PRACTICAL COMPLETION Clause 19.0 Replace Clause 19.5 with the following: On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section Add the following as Clause 19.8: WORKS COMPLETION (1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion. (2) Where, in the opinion of the contractor, the works completion list has been completed the contractor shall notify the principal agent who shall inspect within seven (7) calendar days of receipt of such a notice. Where, in the opinion of the principal agent, the Works Completion list: (2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a certificate of Works Completion to the contractor with a copy to the employer		
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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	Item	
	Clause 20.0 F:..... V:..... T:.....	Item	
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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] F:..... V:..... T:.....		
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	Brought Forward	R	
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 F:..... V:..... T:.....	Item	
	Carried Forward	R	
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	Brought Forward	R	
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:..... <u>PAYMENT</u>	Item	
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 25.3.16 Contract participation goal reports		
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	Brought Forward	R
25.5 No Clause		
Replace Clause 25.6 with the following: Materials and goods will only be certified and paid for upon providing proof of full payment to the supplier and proof of transfer of ownership from the supplier to the contractor by the contractor. Once paid, material and goods shall become the property of the employer and shall not be removed from site without the written authority of the Employer.		
25.7.5 No clause.		
Replace Clause 25.10 with the following: The employer shall pay the contractor the amount stipulated in an issued payment certificate, correct in all material respects, within thirty (30) calendar days from the date of receiving the payment certificate, invoice and all other substantiating documentation for items certified in the payment certificate		
Replace Clauses 25.12 to 25.12.3 with the following: The value certified shall be subject to the following percentage adjustments :		
(Clauses 25.12.1 to 25.12.5 shall be applicable to a contract sum up to R1 million. In the event of a contract sum more than R1 million for Options D & E (C 1.0 Securities [11.0]) Clauses 25.12.1 to 25.12.5 shall be applicable)		
25.12.1 Where a security is selected in terms of C 1.0 Securities [11.0], the value of the works in terms of 25.1 and of the materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:		
25.12.2 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion		
25.12.3 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion		
25.12.4 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 26		
25.12.5 One hundred per cent (100%) of such value in the final payment certificate in terms of 26 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.		
(Clauses 25.12.6 to 25.12.10 shall be applicable to a contract sum more than R1 million for Option C (C 1.0 Securities [11.0])		
25.12.6 Where security is a payment reduction in term of C 1.0 Option C, value of the works in terms of 25.1 and materials and goods in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage		
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	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	Item	
	Clause 26.0 Ref Clause 6.7 [CD] – Clause 26.1 Omit Clause 26.4.3 Ref Clause 6.7 [CD] – Clause 26.7 Replace Clause 26.10 with the following: The principal agent shall prepare the final account in consultation with the employer and issue the final account, to the contractor within sixty (60) working days of the date of practical completion Ref Clause 6.7 [CD] – Clause 26.12 F:..... V:..... T:.....		
		Item	
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		Brought Forward	R	
27	A27.0 RECOVERY OF EXPENSE AND/OR LOSS Clause 27.0 Replace Clause 27.1.2 with the following: Interest due to late payment only Replace Clause 27.1.4 with the following: Interest due to late payment only 27.1.5 No Clause Replace Clause 27.5 with the following: Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security Add the following as Clause 27.6: Where a provisional sequestration or provisional liquidation order has been granted or where an order has been granted which commences sequestration, liquidation, bankruptcy, receivership, winding-up or any similar effect, against the contractor or this agreement is cancelled in terms of 29, the employer may issue a demand to the guarantor in terms of the construction guarantee or advance payment guarantee held as security F:..... V:..... T:..... <u>SUSPENSION AND TERMINATION</u>			
				Item
28	A28.0 SUSPENSION BY THE CONTRACTOR Clause 28.0 28 No Clause 28.1 No Clause 28.1.1 No Clause 28.1.2 No Clause 28.1.3 No Clause 28.1.4 No Clause 28.1.5 No Clause 28.2 No Clause 28.3 No Clause 28.4 No Clause F:..... V:..... T:.....			
				Item
29	A29.0 TERMINATION			
		Carried Forward	R	
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	Brought Forward	R
Clause 29.0 Add the following as Clause 29.1.4: The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa Add the following as Clause 29.1.5: The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract Add the following as Clause 29.1.6: Honour his obligations in terms of Clauses 10.1.5.1.3, 11.4.1 and 12.2. sub Clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22. Replace Clause 29.7 with the following: The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3] Replace Clause 29.9 with the following: The employer has the right of recovery against the contractor, where applicable, [CD] from: The guarantee for construction (variable) until the final payment has been made; or The guarantee for construction (fixed) until the date of practical completion; or The payment reduction until the final payment is made; or The cash deposit made as security until the final payment is made		
29.14.1 No Clause		
29.14.3 No Clause		
29.14.4 No Clause		
29.14.5 No Clause		
29.14.6 No Clause		
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		Brought Forward	R	
32	B1.2 Interpretation F:..... V:..... T:.....		Item	
	<u>B2.0 DOCUMENTS</u>			
33	B2.1 Checking of documents F:..... V:..... T:.....		Item	
34	B2.2 Provisional bills of quantities F:..... V:..... T:.....		Item	
35	B2.3 Availability of construction information F:..... V:..... T:.....		Item	
36	B2.4 Ordering of materials and goods F:..... V:..... T:.....		Item	
	<u>B3.0 PREVIOUS WORK AND ADJOINING PROPERTIES</u>			
37	B3.1 Previous work - dimensional accuracy F:..... V:..... T:.....		Item	
38	B3.2 Previous work - defects F:..... V:..... T:.....		Item	
39	B3.3 Inspection of adjoining properties F:..... V:..... T:.....		Item	
	<u>B4.0 THE SITE</u>			
40	B4.1 Handover of site in stages F:..... V:..... T:.....		Item	
41	B4.2 Enclosure of the works F:..... V:..... T:.....		Item	
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		Brought Forward	R	
42	B4.3 Geotechnical and other investigations			
	F:..... V:..... T:.....		Item	
43	B4.4 Encroachments			
	F:..... V:..... T:.....		Item	
44	B4.5 Existing premises occupied			
	F:..... V:..... T:.....		Item	
45	B4.6 Services - known			
	F:..... V:..... T:.....		Item	
	<u>B5.0 MANAGEMENT OF CONTRACT</u>			
46	B5.1 Management of the works			
	F:..... V:..... T:.....		Item	
47	B5.2 Progress meetings			
	F:..... V:..... T:.....		Item	
48	B5.3 Technical meetings			
	F:..... V:..... T:.....		Item	
	<u>B6.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</u>			
49	B6.1 Samples of materials			
	F:..... V:..... T:.....		Item	
50	B6.2 Workmanship samples			
	F:..... V:..... T:.....		Item	
51	B6.3 Shop drawings			
	F:..... V:..... T:.....		Item	
52	B6.4 Compliance with manufacturer's instructions			
	F:..... V:..... T:.....		Item	
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	Brought Forward	R	
	<u>B10.0 ATTENDANCE ON SUBCONTRACTORS</u>		
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	
	<u>B11.0 GENERAL</u>		
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:.....	Item	
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	Brought Forward	R	
65	B11.5 Disturbance The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent F:..... V:.....T:.....	Item	
66	B11.6 Environmental disturbance F:..... V:.....T:.....	Item	
67	B11.7 Works cleaning and clearing F:..... V:.....T:.....	Item	
68	B11.8 Vermin F:..... V:.....T:.....	Item	
69	B11.9 Overhand work F:..... V:.....T:.....	Item	
70	B11.10 Tenant installations F:..... V:.....T:.....	Item	
71	B11.10 Advertising F:..... V:.....T:.....	Item	
<u>SECTION C: SPECIFIC PRELIMINARIES</u>			
Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item			
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	Brought Forward	R	
	<u>C1.0 CONTRACT DRAWINGS</u>		
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	
	<u>C2.0 PREAMBLES</u>		
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	
	<u>C3.0 TRADE NAMES</u>		
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:.....	Item	
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<u>C4.0 IMPORTED MATERIALS AND EQUIPMENT</u>			
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	
<u>C5.0 VIEWING THE SITE IN SECURITY AREAS</u>			
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	
<u>C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS</u>			
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	
<u>C7.0 ENTRANCE PERMITS TO SECURITY AREAS</u>			
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:.....	Item	
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<u>C8.0 SECURITY CHECK OF PERSONNEL</u>			
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	
<u>C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS</u>			
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	
<u>C10.0 HIV/AIDS AWARENESS</u>			
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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<u>C10.1 AWARENESS CHAMPION</u>			
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	
<u>C10.2 AWARENESS WORKSHOPS</u>			
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	
<u>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</u>			
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	
<u>C10.4 ACCESS TO CONDOMS</u>			
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	
<u>C10.5 MONITORING</u>			
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	
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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: _____

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WESTERN CAPE - OUDTSHOORN SANDF INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

	Brought Forward	R
	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 Forward	R
	Bill No. 1 Preliminaries	

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

	Brought Forward	R	
	<u>C13.0 IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP)</u>		
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:..... <u>SUMMARY OF CATEGORIES</u> Category : Fixed R:..... Category : Value R:..... Category : Time R:.....	Item	
	Carried to Summary	R	
	Bill No. 1 Preliminaries		

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Item No		Quantity	Rate	Amount
	<u>BILL No. 2</u>			
	<u>ALTERATIONS</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing mass concrete:</u>			
1	Steps, strip footings and upstand	m3	4	
	A : 1 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 1 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 2 V : 0			
	<u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement</u>			
2	Surface beds,slabs and ramps	m3	36	
	A : 1 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 24 K : 0 L : 1 M : 2 N : 3 O : 1 P : 0 Q : 2 R : 1 S : 1 T : 0 U : 0 V : 0			
3	400 x 2100mm Portion of 100-150mm thick slab	No	3	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 3 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	Carried Forward		R	
	Bill No. 2 Alterations			

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>Breaking down and removing brickwork, etc.:</u>				
4	Half brick walls.	m2	42	
	A:0 B:0 C:8 D:4			
	E:7 F:9 G:0 H:4			
	I:0 J:0 K:0 L:0			
	M:9 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
5	One brick walls.	m2	44	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:4 O:5 P:0			
	Q:0 R:6 S:0 T:3			
	U:17 V:9			
<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>				
6	Timber single door and frame not exceeding 2,5m2	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
7	Glazed timber window not exceeding 2,5m2	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)</u>				
8	Timber single door and frame 900 x 2100mm high overall from one brick wall	No	4	
	A : 0 B : 0 C : 0 D : 0			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
9	69 x 22mm meranti skirting	m	4	
	A : 0 B : 4 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
10	150mm x 22mm meranti timber capping	m	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 2			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>Taking out doors, windows, etc including thresholds, sills, etc and setting aside for re-use (refixing and building up openings elsewhere)</u>				
11	Timber single door and frame 900 x 2100mm high overall from one brick wall	No	5	
	A : 0 B : 1 C : 3 D : 1			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
12	Timber double door and frame 1800 x 2100mm high overall from one brick wall	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:1 V:0			
	<u>Taking out and removing joinery fittings etc</u>			
13	Timber vanity cupboard 5000 x 900 x 600mm high	No	1	
	A:0 B:1 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
14	15-32mm copper piping including fittings and brackets	m	6	
	A:0 B:0 C:0 D:0			
	E:0 F:3 G:0 H:3			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
15	40-100mm PVC piping including fittings and brackets	m	5	
	A:0 B:0 C:0 D:0			
	E:0 F:2 G:0 H:3			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward					R
16	Vitreous china WC pan with cistern	No	5		
	A:0 B:0 C:2 D:1				
	E:0 F:0 G:0 H:2				
	I:0 J:0 K:0 L:0				
	M:0 N:0 O:0 P:0				
	Q:0 R:0 S:0 T:0				
	U:0 V:0				
17	Bath tub	No	2		
	A:0 B:0 C:0 D:0				
	E:2 F:0 G:0 H:0				
	I:0 J:0 K:0 L:0				
	M:0 N:0 O:0 P:0				
	Q:0 R:0 S:0 T:0				
	U:0 V:0				
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes and handing over to client (making good tiling and paintwork elsewhere)</u>				
18	Vitreous china wash hand basin from vanity cupboard	No	1		
	A:0 B:1 C:0 D:0				
	E:0 F:0 G:0 H:0				
	I:0 J:0 K:0 L:0				
	M:0 N:0 O:0 P:0				
	Q:0 R:0 S:0 T:0				
	U:0 V:0				
19	Vitreous china wash hand basin	No	2		
	A:0 B:0 C:2 D:0				
	E:0 F:0 G:0 H:0				
	I:0 J:0 K:0 L:0				
	M:0 N:0 O:0 P:0				
	Q:0 R:0 S:0 T:0				
	U:0 V:0				
Carried Forward					R
Bill No. 2 Alterations					

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
20	Vitreous china wall hung urinal with flush valve	No	5	
	A:0 B:2 C:0 D:1			
	E:0 F:2 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere) etc and setting aside for re-use (refixing and building up openings elsewhere)</u>			
21	Vitreous china wash hand basin including taps from vanity cupboard	No	2	
	A:0 B:2 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
22	Vitreous china wall hung urinal with flush valve	No	1	
	A:0 B:1 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. from brickwork to remain (building up or altering openings elsewhere):</u>			
23	Timber single door and steel frame.	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
Carried Forward				R
Bill No. 2 Alterations				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward						R
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>						
24	Gypsum plasterboard or fibre-cement ceilings including cornices timber bandering, etc.	m2	35			
	A : 0 B : 5 C : 4 D : 5					
	E : 10 F : 6 G : 0 H : 6					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
<u>Taking out/off and removing sundry metalwork</u>						
25	Steel balustrade 900mm high from concrete ramps	m	39			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 10 K : 2 L : 5					
	M : 0 N : 10 O : 2 P : 0					
	Q : 0 R : 5 S : 5 T : 0					
	U : 0 V : 0					
26	Steel handrail	m	3			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 3 R : 0 S : 0 T : 0					
	U : 0 V : 0					
<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>						
27	30mm Granolithic from floors	m2	201			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 201 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
Carried Forward						R
Bill No. 2 Alterations						

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
28	Granolithic skirtings 85mm high	m	182	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:182 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
29	Internal plaster from walls	m2	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
30	External plaster from walls	m2	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
31	Screed from floors	m2	11	
	A:0 B:0 C:0 D:2			
	E:9 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
<u>Servicing of existing ironmongery</u>				
32	Service existing mortice lock, oil and ease furniture and lock, replace missing keys, and refix with matching screws including re-setting striking plate, etc.	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward						R
33	Service existing metal window complete including replacing missing parts, etc.	No	2			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 2					
	<u>Hacking up/off and removing floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>					
34	Ceramic tiles to walls	m2	73			
	A : 0 B : 10 C : 0 D : 7					
	E : 28 F : 14 G : 0 H : 14					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
35	Ceramic tiles to floors	m2	62			
	A : 0 B : 6 C : 4 D : 5					
	E : 8 F : 0 G : 0 H : 6					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 6 S : 0 T : 0					
	U : 0 V : 28					
36	Vinyl tiles to floors	m2	6			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 6 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
Carried Forward						R
Bill No. 2 Alterations						

WESTERN CAPE - OUDTSHOORN SANDF INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

	Brought Forward	R
Hacking up/off and removing pavers including removing bedding		
37	Brick paving m2	175
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 60 K : 10 L : 0 M : 0 N : 0 O : 0 P : 100 Q : 0 R : 0 S : 0 T : 6 U : 0 V : 0	
38	Cement pavers m2	7
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 2 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 5 V : 0	
Taking out/off and removing glass and mirrors		
39	Glass from steel windows including cleaning out rebates and preparing for new glass m2	3
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 3	
40	Mirror 3600 x 600mm high from wall No	1
	A : 0 B : 1 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0	
BUILDING UP OPENINGS		
Carried Forward		R
Bill No. 2 Alterations		

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Brickwork in NFP bricks in class II mortar in building up openings</u>				
41	One brick walls	m2	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 1			
<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
<u>Making good internal cement plaster:</u>				
42	Chase out plaster cracks to form recess 25mm wide and 20mm deep, and fill with 1:4 cement mortar, including floating up smooth to match existing	m	6	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 6			
<u>Clean down existing concrete surface by grinding, chipping, anchor cuts and washing down all debris, dust with high pressure hose in order to receive new concrete (concrete elsewhere)</u>				
43	Existing concrete surfaces	m2	252	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 20 H : 0			
	I : 201 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 32			
Carried Forward				R
Bill No. 2 Alterations				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

		Brought Forward			R
		<u>Making good concrete surfaces to receive new concrete (concrete elsewhere)</u>			
44	Ream crack to concrete floor and seal using an Epidermix 372 a two-compartment, solvent-free, thixotropic cured epoxy system applied as per manufacturers recommendation finished to match existing	m	10		
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 10 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0				
		<u>Create new boreholes at balcony</u>			
45	Drill to existing one brick wall to from weephole including 40mm PVC pipe 300mm long cut at angle and make good finishes	No	10		
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 10 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0				
		<u>MAKING GOOD OF FINISHES ETC</u>			
46	Making good brickwork at end of one brick brick wall where door frame was removed	m	4		
	A : 0 B : 0 C : 4 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0				
		Carried Forward			R
Bill No. 2 Alterations					

WESTERN CAPE - OUDTSHOORN SANDF INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				
47	Making good brickwork to face of wall where half brick cross wall was removed	m	3	R
	A : 0 B : 0 C : 3 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	<u>Making good "Rhino" gypsum plasterboard ceilings and branderig</u>			
48	Ceilings where half brick walls removed	m	3	
	A : 0 B : 0 C : 3 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	<u>Making good untinted granolithic</u>			
49	Floors where one brick wall was removed	m	1	
	A : 0 B : 0 C : 1 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	<u>CUTTING THROUGH EXISTING SURFACE BEDS, ETC.</u>			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

		Brought Forward			R
		<u>saw cut into, breaking up and removing concrete surface beds to install new drain & 50mm PVC pipes (drains and pipes elsewhere measured)</u>			
50	60mm wide strip for 50mm diameter PVC pipe (pipe elsewhere measured)	m	12		
	A : 0 B : 0 C : 0 D : 3				
	E : 6 F : 3 G : 0 H : 0				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
51	holes for drain size 150 x 150 x 160mm deep (drain elsewhere)	No	4		
	A : 0 B : 0 C : 0 D : 1				
	E : 2 F : 1 G : 0 H : 0				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
		<u>OPENINGS THROUGH EXISTING WALLS ETC</u>			
		<u>Altering openings</u>			
52	Altering opening in one brick wall where 1800 x 2100mm high timber double was removed to form opening for new timber single door and frame 1000 x 2100mm high overall by building up brickwork on both sides and bottom, including prestressed concrete lintels, making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	No	1		
	A : 0 B : 0 C : 0 D : 0				
	E : 0 F : 0 G : 0 H : 0				
	I : 0 J : 0 K : 1 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
		Carried Forward			R
Bill No. 2 Alterations					

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>Altering security gate,screens, panels</u>				
53	Altering gate by cutting off portion of gate and welding bottom rail back (making good paintwork elsewhere)	No	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 1 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
54	Altering double security gate by cutting off portion of gate and welding bottom rail back (making good paintwork elsewhere)	No	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 1 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
55	Altering security screen by cutting out opening for single gate and welding two 2.1m long 25x25x5 sections to existing panel	No	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 1 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Breaking out for and forming openings through brick walls for new doors and frames, including brick lintels, making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)</u>				
56	Opening to accommodate disable lift doorway 1000 x 2100m high overall through one brick wall	No	3	
	A : 1 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 2			
57	Opening for aluminium door and frame 1100 x 2100m high overall through one brick wall	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
Carried to Summary				R
Bill No. 2 Alterations				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Item No		Quantity	Rate	Amount
	<u>BILL No. 3</u>			
	<u>EARTHWORKS</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary items or materials</u>			
	Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works			
	<u>Nature of material to be excavated</u>			
	The material to be excavated is assumed to be predominantly of a composition that will allow "soft excavation" as specified, but including a percentage of "intermediate excavation" and "hard rock excavation"			
	<u>Carting away of excavated material</u>			
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations, or alternatively, from stock piles situated on the building site			
	<u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Reduce levels under floors	m3	38	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 2 L : 3 M : 1 N : 3 O : 3 P : 3 Q : 3 R : 3 S : 3 T : 7 U : 5 V : 2			
	Carried Forward		R	
	Bill No. 3 Earthworks			

Brought Forward

2	Trenches				m3	89
	A : 0	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 4	L : 10		
	M : 12	N : 10	O : 3	P : 10		
	Q : 2	R : 14	S : 10	T : 6		
	U : 7	V : 1				

3	Lift base				m3	14
	A : 7	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 0	L : 0		
	M : 0	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 7				

4	Intermediate excavation				m3	1
	A : 1	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 0	L : 0		
	M : 0	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 0				

5	Hard rock excavation				m3	1
	A : 1	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 0	L : 0		
	M : 0	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 0				

R

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**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward						R
<u>Extra over all excavations for carting away</u>						
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	84			
	A : 7 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 5 L : 5					
	M : 4 N : 8 O : 4 P : 7					
	Q : 5 R : 7 S : 2 T : 10					
	U : 11 V : 10					
<u>Risk of collapse of excavations</u>						
7	Sides of trench and hole excavations not exceeding 1,5m deep	m2	268			
	A : 6 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 12 L : 27					
	M : 36 N : 24 O : 9 P : 30					
	Q : 8 R : 38 S : 30 T : 14					
	U : 22 V : 13					
<u>Keeping excavations free from water</u>						
8	Keeping excavations free from mud and all water other than from subterranean sources			Item		
	A : 1.00 B : 0.00 C : 0.00 D : 0.00					
	E : 0.00 F : 0.00 G : 0.00 H : 0.00					
	I : 0.00 J : 0.00 K : 0.00 L : 0.00					
	M : 0.00 N : 0.00 O : 0.00 P : 0.00					
	Q : 0.00 R : 0.00 S : 0.00 T : 0.00					
	U : 0.00 V : 0.00					
<u>FILLING, ETC</u>						
Carried Forward						R
Bill No. 3 Earthworks						

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward						R
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 98% Mod AASHTO density</u>						
9	Under floors, etc	m3	24			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 4					
	M : 5 N : 1 O : 0 P : 2					
	Q : 0 R : 4 S : 7 T : 1					
	U : 0 V : 0					
10	Backfilling to trenches, holes, etc	m3	34			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 2 L : 4					
	M : 5 N : 4 O : 1 P : 4					
	Q : 1 R : 6 S : 4 T : 2					
	U : 1 V : 1					
<u>Earth filling G5 supplied by the contractor compacted to 95% Mod AASHTO density</u>						
11	Gravel G5 sub-base course in 150mm layers	m3	51			
	A : 2 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 1 L : 4					
	M : 7 N : 4 O : 2 P : 4					
	Q : 3 R : 6 S : 7 T : 5					
	U : 3 V : 3					
<u>Earth filling G3 supplied by the contractor compacted to 98% Mod AASHTO density</u>						
12	Under floors, etc	m3	3			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 3					
Carried Forward						R
Bill No. 3 Earthworks						

Brought Forward

Carried Forward

Brought Forward

Soil insecticide

240

Carried to Summary

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**Item
No**

CONCRETE, FORMWORK AND REINFORCEMENT

Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

25Mpa/6mm concrete

m3

24

A:0	B:0	C:0	D:0
E:0	F:0	G:0	H:0
I:24	J:0	K:0	L:0
M:0	N:0	O:0	P:0
Q:0	R:0	S:0	T:0
U:0	V:0		

2 Strip footings

m3

36

A:0	B:0	C:0	D:0
E:0	F:0	G:0	H:0
I:0	J:0	K:1	L:5
M:5	N:4	O:1	P:4
Q:1	R:6	S:4	T:2
U:3	V:0		

Carried Forward

R

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**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>25 MPa/ 19mm Concrete poured around reinforcement:</u>				
3	Ramps cast in panels on waterproofing to currents and falls	m3	30	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 2 H : 0			
	I : 0 J : 0 K : 1 L : 2			
	M : 3 N : 2 O : 1 P : 2			
	Q : 1 R : 4 S : 3 T : 1			
	U : 1 V : 5			
4	Average 388mm wide x 175mm high thickening to edge of ramp including excavations, compaction, dpc, etc	m	19	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 6 H : 0			
	I : 0 J : 0 K : 1 L : 1			
	M : 1 N : 1 O : 1 P : 1			
	Q : 1 R : 1 S : 1 T : 1			
	U : 2 V : 1			
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
<u>25 MPa/ 19mm Concrete poured around reinforcement:</u>				
5	Surface beds cast in panels on waterproofing	m3	5	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 4			
6	Lift bases	m3	5	
	A : 3 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 3			
Carried Forward				R
Bill No. 4 Concrete, formwork and reinforcement				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>CONCRETE TESTING</u>				
7	Allow for all necessary concrete test cubes size 150 x 150 x 150mm cast from batches of concrete required for the entire contract as specified, made, stored, cured and tested in accordance with SABS Methods 861 and 863, including use of approved cube moulds, transporting to an approved testing laboratory for testing, paying all charges and submitting reports to the Head : Works (x 11)	No	11	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 1 H : 0 I : 1 J : 0 K : 1 L : 1 M : 1 N : 1 O : 0 P : 1 Q : 0 R : 1 S : 0 T : 1 U : 1 V : 1			
<u>CONCRETE SUNDRIES</u>				
<u>Apply "Sikadur-32"Two part structural epoxy bonding agent or "equal approved"</u>				
8	On existing surface beds, slabs, etc. to bond hardened concrete with fresh concrete	m2	243	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 20 H : 0 I : 201 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 23			
<u>Finishing top surfaces of concrete smooth with a wooden float to a broom finish</u>				
9	Surface beds, slabs, etc.	m2	488	
	A : 9 B : 0 C : 0 D : 0 E : 0 F : 0 G : 20 H : 0 I : 201 J : 0 K : 9 L : 22 M : 33 N : 20 O : 8 P : 22 Q : 14 R : 38 S : 33 T : 18 U : 13 V : 28			
<u>FORMWORK CLASS F2 (SMOOTH FINISH) TO:</u>				
Carried Forward				R
Bill No. 4 Concrete, formwork and reinforcement				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>Smooth formwork to sides</u>				
10	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	199	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 9 H : 0			
	I : 105 J : 0 K : 5 L : 11			
	M : 8 N : 8 O : 5 P : 5			
	Q : 4 R : 9 S : 10 T : 9			
	U : 6 V : 8			
<u>Boxing out smooth formwork to form</u>				
11	recessed step 300 x 2400mm in slab 100mm thick	No	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 1 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>MOVEMENT JOINTS, ETC.</u>				
<u>Vertical joggle construction joints through concrete including one coat thick cement slurry and one coat Bitumen paint to one face</u>				
12	Surface beds not exceeding 300mm thick	m	6	
	A : 6 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>10mm Jointex between vertical concrete and brick surfaces</u>				
13	Expansion joint not exceeding 300mm high	m	523	
	A : 6 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 200 J : 0 K : 13 L : 29			
	M : 40 N : 27 O : 13 P : 30			
	Q : 14 R : 44 S : 41 T : 25			
	U : 20 V : 24			
Carried Forward				R
Bill No. 4 Concrete, formwork and reinforcement				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Saw cut joints:</u>				
14	Form 3 x 40mm saw cut to top of concrete within 12 hours of pouring. Allow to cure for 7 days, then ream out to form 13mm deep and 6mm wide recess.	m	202	
	A : 13 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 105 J : 0 K : 5 L : 11			
	M : 9 N : 8 O : 3 P : 5			
	Q : 4 R : 9 S : 10 T : 9			
	U : 6 V : 8			
<u>REINFORCEMENT</u>				
<u>Fabric reinforcement</u>				
15	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	472	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 20 H : 0			
	I : 201 J : 0 K : 9 L : 22			
	M : 35 N : 20 O : 8 P : 22			
	Q : 14 R : 32 S : 33 T : 19			
	U : 10 V : 28			
16	Type 245 fabric reinforcement in concrete surface beds, slabs, etc.	m2	36	
	A : 18 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 18			
Carried to Summary				R
Bill No. 4				
Concrete, formwork and reinforcement				

Item No	Quantity	Rate	Amount
<u>BILL No. 5</u>			
<u>MASONRY</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall be the length and "half brick" the width of a brick			
<u>Cement mortar</u>			
Unless otherwise described, all brickwork shall be built in 1:5 cement mortar			
<u>External walls, etc</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole			
Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
Carried Forward		R	
Bill No. 5 Masonry			

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward						R
<u>Pointing</u>						
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc						
<u>Samples, etc</u>						
Rates for brickwork, faced brickwork, etc shall include for all required samples						
<u>BRICKWORK</u>						
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in foundations (Provisional)</u>						
1	One brick walls			m2	76	
	A : 0	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 4	L : 12		
	M : 10	N : 8	O : 2	P : 6		
	Q : 1	R : 12	S : 9	T : 5		
	U : 6	V : 1				
<u>Brickwork of NFP bricks</u>						
2	Half brick walls			m2	62	
	A : 0	B : 13	C : 9	D : 2		
	E : 18	F : 4	G : 0	H : 12		
	I : 0	J : 0	K : 0	L : 0		
	M : 4	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 0				
3	One brick walls			m2	113	
	A : 0	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 2	L : 12		
	M : 21	N : 11	O : 2	P : 14		
	Q : 1	R : 25	S : 16	T : 6		
	U : 3	V : 0				
				Carried Forward		
Bill No. 5 Masonry						R

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward							
4	One and a half brick walls	m2	1			R	
	A : 0 B : 0 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 1 R : 0 S : 0 T : 0						
	U : 0 V : 0						
	<u>BRICKWORK SUNDRIES</u>						
	<u>Cutting toothings to join new brickwork with old brickwork</u>						
5	Cutting toothings and bonding new brickwork to existing	m2	7				
	A : 0 B : 1 C : 1 D : 0						
	E : 1 F : 0 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 1 V : 0						
	<u>Joint forming material in movement joints</u>						
6	12mm Bitumen impregnated fibre board built in vertically through brick walls in foundations (Provisional)	m2	4				
	A : 0 B : 0 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 1 V : 0						
	<u>Brickwork reinforcement</u>						
7	75mm Wide reinforcement built in horizontally	m	179				
	A : 0 B : 40 C : 27 D : 7						
	E : 49 F : 12 G : 0 H : 29						
	I : 0 J : 0 K : 0 L : 0						
	M : 15 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
	<u>Carried Forward</u>					R	
	Bill No. 5 Masonry						

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
8	150mm Wide reinforcement built in horizontally	m	440	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 23 L : 49			
	M : 54 N : 62 O : 14 P : 37			
	Q : 8 R : 57 S : 67 T : 33			
	U : 34 V : 3			
	<u>"Type A.P.S" prestressed fabricated lintels</u>			
9	110 x 75mm Lintels in lengths not exceeding 3m	m	8	
	A : 0 B : 2 C : 2 D : 0			
	E : 2 F : 0 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
	<u>Turning pieces to lintels etc</u>			
10	110mm Wide turning pieces	m	8	
	A : 0 B : 2 C : 2 D : 0			
	E : 2 F : 0 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
	<u>Galvanised hoop iron cramps, ties, etc</u>			
11	32 x 1,6mm Cramp 600mm long once bend with one end nailed to timber frame and one end built into brickwork	No	40	
	A : 0 B : 8 C : 12 D : 4			
	E : 8 F : 4 G : 0 H : 4			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
	<u>FACE BRICKWORK</u>			
	Carried Forward			R
Bill No. 5 Masonry				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>" Face bricks at (PC Amount R 7000/1000 delivered to site) with recessed horizontal and vertical joints.</u>				
12	Extra over brickwork for face brickwork	m2	6	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 6			
	U : 0 V : 0			
<u>Brick-on-edge header course copings, sills, etc pointed with recessed joints on all exposed faces</u>				
13	Coping on top of one brick wall pointed on top and both sides	m	14	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 14			
	U : 0 V : 0			
Carried to Summary				R
Bill No. 5 Masonry				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
2	6 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary (Provisional)	m	205	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 13 H : 0			
	I : 105 J : 0 K : 5 L : 11			
	M : 11 N : 8 O : 3 P : 5			
	Q : 4 R : 9 S : 11 T : 9			
	U : 6 V : 8			
3	12 x 10mm In expansion joints in floors/walls including raking out expansion joint filler as necessary (Provisional)	m	42	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 2 L : 4			
	M : 3 N : 5 O : 3 P : 4			
	Q : 2 R : 4 S : 4 T : 2			
	U : 6 V : 1			
Carried to Summary				R
Bill No. 6 Waterproofing				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<u>BILL No. 7</u>			
	<u>CARPENTRY AND JOINERY</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Particle board:</u>			
	Particle board shall comply with the following specifications:			
	a) SABS 1300 Particle board: exterior and flooring type			
	b) SABS 1301 Particle board: interior type			
	<u>Joinery:</u>			
	Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc			
	Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
	<u>Fixing</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete			
	<u>Decorative laminate finish:</u>			
	Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish			
	<u>ROOF CONSTRUCTION</u>			
	<u>PRETREATMENT OF TIMBER</u>			
	This service falls within the areas defined in Government Gazette No. 2577 of 1978-12-29 containing regulations for Treatment of Timber against insect pest affecting softwood fixed permanently in the building and tenderers are to make allowance in their rates.			
	Carried Forward		R	
	Bill No. 7 Carpentry & Joinery			

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward							R
<u>ROOFS, ETC</u>							
<u>Sawn softwood</u>							
1	38 x 38mm Hangers			m	3		
	A : 0	B : 0	C : 0	D : 0			
	E : 0	F : 0	G : 0	H : 0			
	I : 0	J : 0	K : 0	L : 0			
	M : 0	N : 0	O : 0	P : 0			
	Q : 0	R : 0	S : 0	T : 0			
	U : 0	V : 3					
2	150 x 50mm Rafters			m	3		
	A : 0	B : 0	C : 0	D : 0			
	E : 0	F : 0	G : 0	H : 0			
	I : 0	J : 0	K : 0	L : 0			
	M : 0	N : 0	O : 0	P : 0			
	Q : 0	R : 0	S : 0	T : 0			
	U : 0	V : 3					
3	38 x 114mm Wall plate			m	3		
	A : 0	B : 0	C : 0	D : 0			
	E : 0	F : 0	G : 0	H : 0			
	I : 0	J : 0	K : 0	L : 0			
	M : 0	N : 0	O : 0	P : 0			
	Q : 0	R : 0	S : 0	T : 0			
	U : 0	V : 3					
4	50 x 76mm Purlins			m	6		
	A : 0	B : 0	C : 0	D : 0			
	E : 0	F : 0	G : 0	H : 0			
	I : 0	J : 0	K : 0	L : 0			
	M : 0	N : 0	O : 0	P : 0			
	Q : 0	R : 0	S : 0	T : 0			
	U : 0	V : 6					
Carried Forward							R
Bill No. 7 Carpentry & Joinery							

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>ROOF SUNDRIES</u>				
5	Teco "or equal approved" two way hurricane clips.	No	6	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:6			
6	Two coats ABE provonite "or equal approved" on sawn roof timbers.	m2	6	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:6			
<u>SKIRTINGS</u>				
<u>Wrought meranti</u>				
7	69 x 22mm Skirting nailed	m	6	
	A:0 B:4 C:0 D:0			
	E:0 F:0 G:0 H:2			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
<u>DOORS, ETC</u>				
<u>Wrot meranti "BB" doors hung to steel frames:</u>				
8	44 mm Thick TDM "BB" door size 900 x 2032mm high.	No	8	
	A:0 B:1 C:1 D:1			
	E:2 F:1 G:0 H:1			
	I:0 J:0 K:1 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
Carried Forward				R
Bill No. 7 Carpentry & Joinery				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>Refixing of existing doors, windows, etc (removal and setting aside elsewhere)</u>				
9	Setting up and rehangng single door on new hinges and replacing lock (new hinges and lock elsewhere measured)	No	3	
	A : 0 B : 1 C : 2 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
10	Setting up and rehangng double door on new hinges and replacing lock (new hinges and lock elsewhere measured)	No	1	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 1			
<u>STOCK FRAMES IN WROT MERANTI</u>				
<u>Single rebated Meranti door frame suitable for half brick wall</u>				
11	Frame for door size 813 x 2032mm high.	No	3	
	A : 0 B : 1 C : 2 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
12	Frame for door size 900 x 2032mm high.	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 7 Carpentry & Joinery				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward						R
<u>Double rebated Meranti door frame suitable for one brick wall</u>						
13	Frame for door size 900 x 2032mm high.	No	1			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 1 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
14	Frame for double door size 1800 x 2032mm high.	No	1			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 1					
<u>WALL CAPPING IN WROT MERANTI</u>						
<u>Wrot meranti</u>						
15	115 X 22mm round edge capping mitred corners plugged to walls	m	3			
	A : 0 B : 0 C : 0 D : 0					
	E : 0 F : 3 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
<u>EAVES, VERGES, ETC.</u>						
Carried Forward						R
Bill No. 7 Carpentry & Joinery						

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

	Brought Forward			R
	<u>Everite FC77 "or equal approved" pressed fibre-cement:</u>			
16	10 x 225mm Fascia boards including galvanized steel H-profile jointing strips.	m	3	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 3			
	<u>CUPBOARDS TO KITCHENS, BEDROOMS, ETC</u>			
	The following cupboard fittings are given as complete units i.e. the components of the units have not been given separately. Descriptions of such units shall, therefore, be deemed to include all components, assembling, housing, notching, glueing, blocking, planting-on and screwing with countersunk screws, edge strips, thermosetting plastic laminate, glass, ironmongery, metalwork, paint or varnish finishes, etc Prices are to include for all necessary filler pieces against walls etc <u>Cupboard are to be manufactured of 16mm Formica 367 VENZA Oak Wood Grain particle board with 0.8mm melamine finish on both sides and edges. Tops are to be of 30mm Rustenburg granite.</u> <u>Doors to be of 16mm Formica 367 VENZA Oak Wood grain particle board with 0.8mm melamine finish on both sides and edges</u> <u>Shelves to be of 16mm Formica 367 VENZA Oak Wood grain particle board with 0.8mm melamine finish on both sides and edges with self support clips</u> <u>Doors are to be hung on self closing adjustable hinges</u> <u>Doors are to be fitted with brushed aluminium handles to architect's approval</u> <u>Where described as "lockable: doors and drawes are to be fitted with quality cylinder cupboard locks with necked barrel bolts to double doors to architects approval</u>			
	Carried Forward			R
	Bill No. 7 Carpentry & Joinery			

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward						R
<u>Vanity cupboards etc</u>						
17	2085mm long x 600mm wide x 900mm high built-in vanity floor unit consisting of 30mm wide granite tops with cut-out for 2 No oval shaped wash hand basins size 550 x 350mm, with one shelve placed in the middle of unit on self supporting clips, and two cupboards doors opening out			No	1	
	A : 0	B : 1	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 0	L : 0		
	M : 0	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 0				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<u>BILL No. 8</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary items or materials</u> Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works <u>Descriptions</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete <u>CEILINGS, ETC</u> <u>NAILED UP CEILINGS</u> <u>"Rhino" gypsum plasterboard cornices</u>			
1	75mm Coved cornices	m	31	
	A : 0 B : 10 C : 10 D : 0 E : 0 F : 0 G : 0 H : 10 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	Carried Forward		R	
	Bill No. 8 Ceilings, Partitions And Access Flooring			

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>6 mm Thick Everite - Nutec "or equal approved" fibre cement ceiling with H-profile PVC jointing strips</u>				
2	Ceilings including 38 x 38mm sawn softwood ceiling branderling at 450mm centres	m2	35	
	A : 0 B : 5 C : 4 D : 5			
	E : 10 F : 6 G : 0 H : 5			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>W-shaped aliminium shadowline cornices</u>				
3	Shadowline wall angle plugged to wall at 300mm centres	m	66	
	A : 0 B : 12 C : 8 D : 9			
	E : 18 F : 9 G : 0 H : 10			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>INSULATION</u>				
<u>75 mm Thick Isotherm "or equal approved" mineral fibre insulation</u>				
4	Insulation laid over branderling between trusses	m2	35	
	A : 0 B : 5 C : 4 D : 5			
	E : 10 F : 6 G : 0 H : 6			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried to Summary				R
Bill No. 8				
Ceilings, Partitions And Access Flooring				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<u>BILL No. 9</u>			
	<u>IRONMONGERY</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary items or materials</u>			
	Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list			
	BS Satin bronze lacquered			
	CP Chromium plated			
	SC Satin chromium plated			
	SE Silver enamelled			
	GE Grey enamelled			
	AS Anodised silver			
	AB Anodised bronze			
	AG Anodised gold			
	ABL Anodised black			
	PB Polished brass			
	PL Polished and lacquered			
	PT Epoxy coated			
	SD Sanded			
	<u>Fixing</u>			
	Descriptions of wall mounted and floor standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories			
	Descriptions of proprietary items shall be deemed to include fixing in position and all fixing accessories as specified by the manufacturer			

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
4	2261-76SS Four lever mortice lock master keyed	No	3	
	A:0 B:1 C:1 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:1 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
5	Cisa cylinder logoline lock with furniture handle TH120/Bp with 170 x 170mm backplate including cylinder sash lock and rebated kit for lock, complete	No	1	
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:1			
6	Toilet indicating bolt displaying vacant and occupied	No	1	
	A:0 B:0 C:1 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
<u>HANDLES</u>				
7	Aluminium lever type door handles per set	No	8	
	A:0 B:1 C:1 D:1			
	E:2 F:1 G:0 H:1			
	I:0 J:0 K:1 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
8	25mm Diameter aluminium pull handle 300mm long	No	8	
	A:0 B:1 C:1 D:1			
	E:2 F:1 G:0 H:1			
	I:0 J:0 K:1 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
Carried Forward				R
Bill No. 9 Ironmongery				

Brought Forward

9	150mm Long lever type door handle with swing over indicator bolt and emergency release from the outside	No	7
	A : 0 B : 1 C : 1 D : 1		
	E : 2 F : 1 G : 0 H : 1		
	I : 0 J : 0 K : 0 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 0		

10	Door closer complete	No	8
	A : 0 B : 1 C : 1 D : 1		
	E : 2 F : 1 G : 0 H : 1		
	I : 0 J : 0 K : 1 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 0		

11	150 x 700 mm AL 50289AS push plate	No	16
	A : 0 B : 2 C : 2 D : 2		
	E : 4 F : 2 G : 0 H : 2		
	I : 0 J : 0 K : 2 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 0		

12	150 x 800 mm AL 50289AS kicking plate	No	16
	A : 0 B : 2 C : 2 D : 2		
	E : 4 F : 2 G : 0 H : 2		
	I : 0 J : 0 K : 2 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 0		

R

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WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>LETTERS, NAMEPLATES, ETC</u>				
13	152 x 152mm Anodised aluminium plate with paraplegic symbol	No	26	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 2 H : 1			
	I : 0 J : 3 K : 1 L : 2			
	M : 1 N : 1 O : 0 P : 1			
	Q : 1 R : 1 S : 1 T : 1			
	U : 2 V : 2			
14	152 x 152mm Anodised aluminium plate with unisex symbol	No	6	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
15	152 x 152mm Anodised aluminium plate male or female unisex symbol	No	2	
	A : 0 B : 1 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
16	152 x 152mm Anodised aluminium plate with directional arrow	No	21	
	A : 2 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 2 H : 0			
	I : 0 J : 3 K : 1 L : 2			
	M : 1 N : 1 O : 0 P : 1			
	Q : 1 R : 1 S : 1 T : 1			
	U : 2 V : 2			
Carried Forward				R
Bill No. 9 Ironmongery				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
17	300 x 300mm Anodised aluminium plate with the international symbol of accessibility for disabled persons.	No	4	
	A : 1 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 1 M : 0 N : 1 O : 0 P : 0 Q : 0 R : 1 S : 0 T : 0 U : 0 V : 0			
18	2000 x 1000 mm High aluminium sign plate 3mm thick with twenty 60mm Wide x 150mm high Areal Bold "upper case" acid etched letters including fixing to wall with epoxy and six 60mm M8 expansion bolts	No	1	
	A : 1 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	<u>80mm High x 5mm thick clear perspex plates with 50mm high "Helvetica" engraved letters or numerals, four times drilled for and screwed to timber.</u>			
19	Plate with five letters or numerals	No	2	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 2 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
20	Plate with six to ten letters or numerals	No	2	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 2 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
Carried Forward				R
Bill No. 9 Ironmongery				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
21	Plate with eleven to fifteen letters or numerals	No	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 2 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
22	Plate with sixteen to twenty letters or numerals	No	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 2 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>BATHROOM FITTINGS</u>				
<u>Franke "or equal approved"</u>				
23	STRX672 "Stratos" wall mounted double toilet roll holder	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
24	STRX600 "Stratos" wall mounted paper towel dispenser	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
25	STRX618 "Stratos" wall mounted hand soap dispenser	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 9 Ironmongery				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward							R
26	STRX605 "Stratos" wall mounted waste bin fix approximately fixed 150mm above finished floor level	No	7				
	A : 0 B : 1 C : 1 D : 1						
	E : 2 F : 1 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
27	Stainless steel dog leg grab rail with three angled sides fixed to wall in three places	No	11				
	A : 0 B : 1 C : 1 D : 2						
	E : 4 F : 2 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
28	Stainless steel rear grab rail 550mm long fixed around cistern.	No	7				
	A : 0 B : 1 C : 1 D : 1						
	E : 2 F : 1 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
29	Stainless steel vertical grab rail 550mm long fixed next to shower seat	No	4				
	A : 0 B : 0 C : 0 D : 1						
	E : 2 F : 1 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
Carried Forward							R
Bill No. 9 Ironmongery							

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>SUNDRIES</u>				
30	38mm Diameter rubber door stop	No	6	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 0 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried to Summary				R
Bill No. 9 Ironmongery				

**Item
No**

R

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WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Interlink ball type system welded and bolted balustrades to ramps</u>				
1	Horizontal balustrades to ramps 1000mm high, formed of 50mm external diameter x 2mm thick continuous pipe handrail, 50 x 2mm thick continues pipe knee rail 450mm above surface of ramp, 50mm diameter x 2mm thick tube stanchion posts at approximately 1000mm centres with 150 x 150 x 5mm footplate bolted to concrete (bolts elsewhere) 4 times pre-drilled	m	60	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 7 N : 10 O : 4 P : 7 Q : 0 R : 13 S : 10 T : 3 U : 5 V : 1			
2	Raking balustrades to ramps 1000mm high, formed of 50mm external diameter x 2mm thick continuous pipe handrail, 50 x 2mm thick continues pipe knee rail 450mm above surface of ramp, 50mm diameter x 2mm thick tube stanchion posts at approximately 1000mm centres with 150 x 150 x 5mm footplate bolted to concrete (bolts elsewhere) 4 times pre-drilled	m	170	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 6 H : 0 I : 0 J : 10 K : 8 L : 18 M : 23 N : 14 O : 4 P : 18 Q : 4 R : 23 S : 16 T : 10 U : 12 V : 4			
3	Raking balustrades to staircase 1000mm high, formed of 50mm external diameter x 2mm thick continuous pipe handrail, 50 x 2mm thick continues pipe knee rail 450mm above surface of ramp, 50mm diameter x 2mm thick tube stanchion posts at approximately 1000mm centres with 150 x 150 x 5mm footplate bolted to concrete (bolts elsewhere) 4 times pre-drilled	m	5	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 2 H : 0 I : 0 J : 0 K : 0 L : 0 M : 2 N : 0 O : 0 P : 0 Q : 0 R : 2 S : 0 T : 0 U : 0 V : 0			
Carried Forward				R
Bill No. 10 Metalwork				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
4	Extra over 50mm rail for 90 degree bend	No	12	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 2 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 3 O : 1 P : 2			
	Q : 0 R : 4 S : 0 T : 0			
	U : 0 V : 0			
5	Extra over 50mm rail for 135 degree bend	No	18	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 3 O : 1 P : 2			
	Q : 0 R : 3 S : 0 T : 4			
	U : 4 V : 1			
6	Extra over 50mm rail for straight end closure piece	No	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 2 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
7	Extra over 50mm rail for 45 degree angle end closure piece	No	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 2 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
8	Extra over 50mm rail for tube type end bracket size 150x75x5mm twice pre-drilled and bolted to wall	No	2	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 2 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 10 Metalwork				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward			R
9	12mm x 100mm long chemical anchor with loose bolt	No	836
	A : 0 B : 0 C : 0 D : 0		
	E : 0 F : 0 G : 52 H : 0		
	I : 0 J : 48 K : 0 L : 36		
	M : 128 N : 96 O : 0 P : 100		
	Q : 0 R : 136 S : 104 T : 52		
	U : 64 V : 20		
<u>Welded and bolted handrails to walls</u>			
10	50mm Diameter continuous pipe handrail 40mm from wall with brackets welded to handrail at 1500mm centres and 150 x 100mm base plate four times holed and bolted to wall.	m	6
	A : 0 B : 0 C : 0 D : 0		
	E : 0 F : 0 G : 0 H : 0		
	I : 0 J : 0 K : 0 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 6		
11	12mm Thick x 100mm Long expansion bolt	No	16
	A : 0 B : 0 C : 0 D : 0		
	E : 0 F : 0 G : 0 H : 0		
	I : 0 J : 0 K : 0 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 16		
<u>GALVANISED PRESSED STEEL DOOR FRAMES</u>			
<u>1.6mm Double rebated frames with brass nylon hinges suitable for half brick walls</u>			
12	Frame for door 813 x 2032mm high.	No	1
	A : 0 B : 0 C : 0 D : 0		
	E : 0 F : 0 G : 0 H : 0		
	I : 0 J : 0 K : 0 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 1		
<u>ALUMINIUM FRAMED AND UNFRAMED SHOWER CUBICLE PANELS AND DOORS ETC</u>			
Carried Forward			R
Bill No. 10 Metalwork			

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>"CrystalTech" or equal approved natural anodised aluminium framed shower cubicle panels and doors with frames, sliding gear, pivot hinges, cleats, stops, etc and 5mm tempered obscure glass, plugged to tiled walls and sealed with silicone sealant</u>				
13	Fixed panel 900 x 1850mm high	No	4	
	A : 0 B : 0 C : 0 D : 1 E : 2 F : 1 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
<u>ALUMINIUM SHOPFRONTS, WINDOWS, DOORS, ETC</u>				
<u>Natural anodized, aluminium door, glazed with 6.5mm laminated safety glass plugged to brickwork or concrete with silicon all around</u>				
14	Single door 1000 x 2100mm high with Cisa 44860 door lock with cylinder keyed both sides and one pair of 32mm Decor straight T pull handle	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
15	Fixed panel 2100 x 1000mm overall	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
Carried to Summary				R
Bill No. 10 Metalwork				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward			R																								
Where possible joints between panels shall be positioned over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with V-joints <u>Laying</u> Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels Bonded granolithic shall be applied to the slab after applying a 1:1 sand-and-cement slurry brushed over the surface and allowed to partially set before applying the granolithic. The granolithic shall be thoroughly compacted and lightly wood floated to the required levels After wood floating, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated <u>Curing, seasoning and protection</u> Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying <u>Colour</u> Coloured granolithic shall be tinted with an approved colouring pigment mixed into the granolithic in the proportion of ? kg pigment per pocket of cement, of uniform appearance and consistent colour throughout <u>SCREEDS</u> <u>Screeds on concrete</u>																											
1	30mm Thick on floors to falls and currents <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">A : 0</td><td style="text-align: center;">B : 0</td><td style="text-align: center;">C : 0</td><td style="text-align: center;">D : 2</td></tr> <tr> <td style="text-align: center;">E : 10</td><td style="text-align: center;">F : 5</td><td style="text-align: center;">G : 0</td><td style="text-align: center;">H : 0</td></tr> <tr> <td style="text-align: center;">I : 0</td><td style="text-align: center;">J : 0</td><td style="text-align: center;">K : 0</td><td style="text-align: center;">L : 0</td></tr> <tr> <td style="text-align: center;">M : 0</td><td style="text-align: center;">N : 0</td><td style="text-align: center;">O : 0</td><td style="text-align: center;">P : 0</td></tr> <tr> <td style="text-align: center;">Q : 0</td><td style="text-align: center;">R : 0</td><td style="text-align: center;">S : 0</td><td style="text-align: center;">T : 0</td></tr> <tr> <td style="text-align: center;">U : 0</td><td style="text-align: center;">V : 26</td><td></td><td></td></tr> </table> <u>GRANOLITHIC</u>	A : 0	B : 0	C : 0	D : 2	E : 10	F : 5	G : 0	H : 0	I : 0	J : 0	K : 0	L : 0	M : 0	N : 0	O : 0	P : 0	Q : 0	R : 0	S : 0	T : 0	U : 0	V : 26			m2	43
A : 0	B : 0	C : 0	D : 2																								
E : 10	F : 5	G : 0	H : 0																								
I : 0	J : 0	K : 0	L : 0																								
M : 0	N : 0	O : 0	P : 0																								
Q : 0	R : 0	S : 0	T : 0																								
U : 0	V : 26																										
Carried Forward			R																								
Bill No. 11 Plastering																											

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Untinted granolithic, on concrete</u>				
2	Skirtings 85mm high	m	182	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 182 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>INTERNAL PLASTER</u>				
<u>Cement plaster on brickwork</u>				
3	On walls	m2	109	
	A : 0 B : 25 C : 17 D : 5			
	E : 35 F : 9 G : 0 H : 19			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
4	On narrow widths	m2	1	
	A : 0 B : 1 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>EXTERNAL PLASTER</u>				
<u>Cement plaster on brickwork</u>				
5	On walls	m2	106	
	A : 0 B : 0 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 2 L : 14			
	M : 22 N : 13 O : 2 P : 12			
	Q : 1 R : 21 S : 16 T : 0			
	U : 3 V : 0			
Carried Forward				R
Bill No. 11 Plastering				

WESTERN CAPE - OUDTSHOORN SANDF INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward						
6	On narrow widths		m2	49		R
	A : 0	B : 0	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 2	L : 5		
	M : 7	N : 6	O : 2	P : 6		
	Q : 3	R : 8	S : 7	T : 0		
	U : 4	V : 1				
	<u>Dividing strips, etc.</u>					
7	3 x 30 mm Flat section brass dividing strips between different floor finishes		m	1		
	A : 0	B : 1	C : 0	D : 0		
	E : 0	F : 0	G : 0	H : 0		
	I : 0	J : 0	K : 0	L : 0		
	M : 0	N : 0	O : 0	P : 0		
	Q : 0	R : 0	S : 0	T : 0		
	U : 0	V : 0				
Carried to Summary						R
Bill No. 11 Plastering						

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Item No		Quantity	Rate	Amount
	<u>BILL No. 12</u>			
	<u>TILING</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	<u>WALL TILING</u>			
	<u>200x 200mm white ceramic wall tiles at a Prime Cost Amount of (P.C. R160 - 00/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound</u>			
1	On walls	m2	144	
	A : 0 B : 20 C : 17 D : 15 E : 51 F : 12 G : 0 H : 29 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
2	On narrow widths	m2	4	
	A : 0 B : 1 C : 1 D : 1 E : 1 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 0			
	Carried Forward		R	
	Bill No. 12 Tiling			

Brought Forward

Wall tiles at a Prime Cost Amount of (P.C. R160 - 00/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound to match existing

'Genesis" or equal approved

FLOOR TILING

300 x 300mm non-slip porcelain full body floor tiles at a Prime Cost Amount of (P.C. R220 - 00/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound

5	On floors and landings	m2	47
	A : 0 B : 3 C : 4 D : 2		
	E : 4 F : 3 G : 0 H : 6		
	I : 0 J : 0 K : 0 L : 0		
	M : 0 N : 0 O : 0 P : 0		
	Q : 0 R : 0 S : 0 T : 0		
	U : 0 V : 26		

Carried Forward

R

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WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>100x100mm non-slip mosaic floor tiles at a Prime Cost Amount of (P.C. R180 - 00/m2) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound</u>				
6	On floors and landings	m2	7	
	A:0 B:0 C:0 D:0			
	E:4 F:3 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
<u>Genesis "or equal approved"</u>				
7	Code MHB 100 brass movement joint.	m	10	
	A:0 B:0 C:0 D:2			
	E:4 F:2 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:3			
Carried to Summary				R
Bill No. 12				
Tiling				

**Item
No**

Quantity

Rate

Amount

PLUMBING AND DRAINAGE

Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

SUPPLEMENTARY PREAMBLES

"Polycop" polypropylene pipes:

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

All pipe diameters are nominal external

uPVC pipes and fittings:

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

uPVC pressure pipes and fittings:

Pipes for water supply shall be of the class stated

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

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

Carried Forward

R

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WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward <u>Copper pipes:</u> Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground <u>Fixing of pipes</u> Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level <u>Reducing fittings</u> Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained <u>Exposed concrete surfaces</u> Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster <u>Excavations</u> No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling "Soft rock" and "hard rock" shall be as defined in "Earthworks"		R	
Carried Forward Bill No. 13 Plumbing and Drainage		R	

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward		R
<u>Laying, backfilling, bedding, etc. of pipes</u>		
Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions		
Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding		
<u>Flush pans</u>		
Flush pans shall have straight or side outlets and "P" or "S" traps as necessary		
<u>Stainless steelbasins, sinks, wash troughs, urinals, etc.</u>		
Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable		
<u>Waste unions</u>		
Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings		
<u>RAINWATER DISPOSAL</u>		
<u>0.8mm Aluminium with "Colourtech G4" finish</u>		
1	125 x 75mm OGEE seamless eaves gutters	m 3
	A : 0 B : 3 C : 0 D : 0	
	E : 0 F : 0 G : 0 H : 0	
	I : 0 J : 0 K : 0 L : 0	
	M : 0 N : 0 O : 0 P : 0	
	Q : 0 R : 0 S : 0 T : 0	
	U : 0 V : 0	
Carried Forward		R
Bill No. 13 Plumbing and Drainage		

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward							
2	Extra over eaves gutter for stopped end	No	2			R	
	A : 0 B : 2 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
3	Extra over eaves gutter for corner	No	1				
	A : 0 B : 1 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
4	Extra over eaves gutter for outlet for 75 x 100mm pipe including wire grating	No	2				
	A : 0 B : 2 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
5	75 x 100mm Fluted rainwater downpipes in continuous lengths	m	3				
	A : 0 B : 3 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
6	Extra over rainwater downpipe for eaves offset 1000mm projection	No	2				
	A : 0 B : 2 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
Carried Forward						R	
Bill No. 13 Plumbing and Drainage							

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
7	Extra over rainwater downpipe for shoe	No	2	
	A:0 B:2 C:0 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
<u>SANITARY FITTINGS</u>				
<u>Vaal "or equal approved"</u>				
8	635 x 485mm "Lotus" code 7026 "or equal approved" white vitreous china basin with two code 8448 ZO wall bolts and one taphole	No	7	
	A:0 B:1 C:1 D:1			
	E:2 F:1 G:0 H:1			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
9	Vaal or similar approved vitreous china Protea Paraplegic 90 outlet pan with "DPE A1 De Lux" solid hard double flap plastic toilet seat and 9 litre cistern code 710631 with flush pipe and chromium plated side-flush lever mounted on wall	No	7	
	A:0 B:1 C:1 D:1			
	E:2 F:1 G:0 H:1			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
10	Betta or similar approved white vitreous china outlet pan with Dutton B2 solid hard double flap plastic toilet seat and "Betta universal Cu1 cistern with chromium plated front flush lever with flush pipe	No	1	
	A:0 B:0 C:1 D:0			
	E:0 F:0 G:0 H:0			
	I:0 J:0 K:0 L:0			
	M:0 N:0 O:0 P:0			
	Q:0 R:0 S:0 T:0			
	U:0 V:0			
Carried Forward				R
Bill No. 13 Plumbing and Drainage				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Re-fixing previously removed sanitary fittings including taps and connect to new pipes"</u>				
11	Vitreous china wash hand basin including taps fix in vanity cupboard top	No	2	
	A : 0 B : 2 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
12	Vitreous china wash hand basin including taps	No	1	
	A : 0 B : 0 C : 1 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
13	Vitreous china wall hung urinal with flush valve	No	1	
	A : 0 B : 1 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>WASTE UNIONS, ETC</u>				
14	32mm CP pop-up basin waste	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 13 Plumbing and Drainage				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>TRAPS, ETC</u>				
15	32mm 345 CP bottle trap	No	11	
	A: 0 B: 4 C: 2 D: 1			
	E: 2 F: 1 G: 0 H: 1			
	I: 0 J: 0 K: 0 L: 0			
	M: 0 N: 0 O: 0 P: 0			
	Q: 0 R: 0 S: 0 T: 0			
	U: 0 V: 0			
<u>"Grade 316 Stainless Steel" floor drain with tamper-proof Beta lid and horizontal outlet pipe</u>				
16	GCT 125H OD50	No	4	
	A: 0 B: 0 C: 0 D: 1			
	E: 2 F: 1 G: 0 H: 0			
	I: 0 J: 0 K: 0 L: 0			
	M: 0 N: 0 O: 0 P: 0			
	Q: 0 R: 0 S: 0 T: 0			
	U: 0 V: 0			
<u>TAPS, VALVES, ETC</u>				
17	15mm 1003/125 RB fullway gate valve	No	1	
	A: 0 B: 1 C: 0 D: 0			
	E: 0 F: 0 G: 0 H: 0			
	I: 0 J: 0 K: 0 L: 0			
	M: 0 N: 0 O: 0 P: 0			
	Q: 0 R: 0 S: 0 T: 0			
	U: 0 V: 0			
18	IDT Madison shower column code TVSH 9926/CH "or equal approved" including 2 body jets integrated into main body, hand shower and mixer, complete	No	4	
	A: 0 B: 0 C: 0 D: 1			
	E: 2 F: 1 G: 0 H: 0			
	I: 0 J: 0 K: 0 L: 0			
	M: 0 N: 0 O: 0 P: 0			
	Q: 0 R: 0 S: 0 T: 0			
	U: 0 V: 0			
Carried Forward				R
Bill No. 13 Plumbing and Drainage				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward					R
<u>uPVC pipes</u>					
23	50mm Pipes		m	35	
	A : 0 B : 10 C : 3 D : 4				
	E : 10 F : 5 G : 0 H : 3				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
24	110mm Pipes		m	7	
	A : 0 B : 1 C : 1 D : 1				
	E : 2 F : 1 G : 0 H : 1				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
<u>Extra over uPVC pipes for uPVC fittings</u>					
25	50mm Adaptor		No	15	
	A : 0 B : 4 C : 2 D : 2				
	E : 4 F : 2 G : 0 H : 1				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
26	50mm Bend		No	18	
	A : 0 B : 2 C : 3 D : 2				
	E : 6 F : 4 G : 0 H : 1				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
27	50mm Access bend		No	1	
	A : 0 B : 0 C : 0 D : 0				
	E : 0 F : 0 G : 0 H : 1				
	I : 0 J : 0 K : 0 L : 0				
	M : 0 N : 0 O : 0 P : 0				
	Q : 0 R : 0 S : 0 T : 0				
	U : 0 V : 0				
Carried Forward					R
Bill No. 13 Plumbing and Drainage					

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
28	50mm Access junction	No	2	
	A : 0 B : 2 C : 0 D : 0			
	E : 0 F : 0 G : 0 H : 0			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
29	50mm "GI two-way" vent valve	No	8	
	A : 0 B : 1 C : 2 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
30	110mm Bend	No	8	
	A : 0 B : 1 C : 2 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
31	110mm access Bend with 50mm vent horn	No	8	
	A : 0 B : 1 C : 2 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
32	110mm x 50mm strap on boss	No	7	
	A : 0 B : 1 C : 1 D : 1			
	E : 2 F : 1 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 13 Plumbing and Drainage				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward							R
33	110mm UG junction	No	8				
	A : 0 B : 1 C : 2 D : 1						
	E : 2 F : 1 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
34	110mm Pan connector	No	8				
	A : 0 B : 1 C : 2 D : 1						
	E : 2 F : 1 G : 0 H : 1						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
35	110mm "GI two-way" vent valve	No	1				
	A : 0 B : 1 C : 0 D : 0						
	E : 0 F : 0 G : 0 H : 0						
	I : 0 J : 0 K : 0 L : 0						
	M : 0 N : 0 O : 0 P : 0						
	Q : 0 R : 0 S : 0 T : 0						
	U : 0 V : 0						
	<u>Sundries</u>						
36	Testing waste pipe system		Item				
	A : 0.00 B : 1.00 C : 0.00 D : 0.00						
	E : 0.00 F : 0.00 G : 0.00 H : 0.00						
	I : 0.00 J : 0.00 K : 0.00 L : 0.00						
	M : 0.00 N : 0.00 O : 0.00 P : 0.00						
	Q : 0.00 R : 0.00 S : 0.00 T : 0.00						
	U : 0.00 V : 0.00						
	<u>INTERNAL WATER SUPPLY</u>						
Carried Forward							R
Bill No. 13 Plumbing and Drainage							

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>Class 2 copper pipes</u>				
37	15mm Pipes	m	49	
	A : 0 B : 8 C : 3 D : 17			
	E : 10 F : 8 G : 0 H : 3			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
38	22mm Pipes	m	17	
	A : 0 B : 3 C : 1 D : 5			
	E : 4 F : 3 G : 0 H : 1			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
<u>Extra over class 2 copper pipes for</u>				
<u>"Conex" compression fittings</u>				
39	15mm Bush, elbow, bend, tee, reducing tee, saddles, etc.	No	46	
	A : 0 B : 6 C : 4 D : 14			
	E : 12 F : 6 G : 0 H : 4			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
40	22mm Bush, elbow, bend, tee, reducing tee, saddles, etc.	No	22	
	A : 0 B : 4 C : 2 D : 8			
	E : 4 F : 2 G : 0 H : 2			
	I : 0 J : 0 K : 0 L : 0			
	M : 0 N : 0 O : 0 P : 0			
	Q : 0 R : 0 S : 0 T : 0			
	U : 0 V : 0			
Carried Forward				R
Bill No. 13 Plumbing and Drainage				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward						R
<u>Sundries</u>						
41	Testing internal water reticulation		Item			
	A : 0.00 B : 1.00 C : 0.00 D : 0.00					
	E : 0.00 F : 0.00 G : 0.00 H : 0.00					
	I : 0.00 J : 0.00 K : 0.00 L : 0.00					
	M : 0.00 N : 0.00 O : 0.00 P : 0.00					
	Q : 0.00 R : 0.00 S : 0.00 T : 0.00					
	U : 0.00 V : 0.00					
<u>EXTERNAL WATER RETICULATION</u>						
<u>Class 12 uPVC pressure pipes</u>						
42	25mm Pipe layed in and including trenches	m	3			
	A : 0 B : 3 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
<u>Extra over uPVC pressure pipes for solvent welded pressure fittings</u>						
43	25mm Bush, elbow, bend, tee, reducing tee, saddles, etc.	No	6			
	A : 0 B : 6 C : 0 D : 0					
	E : 0 F : 0 G : 0 H : 0					
	I : 0 J : 0 K : 0 L : 0					
	M : 0 N : 0 O : 0 P : 0					
	Q : 0 R : 0 S : 0 T : 0					
	U : 0 V : 0					
<u>Sundries</u>						
44	Testing external water reticulation		Item			
	A : 0.00 B : 1.00 C : 0.00 D : 0.00					
	E : 0.00 F : 0.00 G : 0.00 H : 0.00					
	I : 0.00 J : 0.00 K : 0.00 L : 0.00					
	M : 0.00 N : 0.00 O : 0.00 P : 0.00					
	Q : 0.00 R : 0.00 S : 0.00 T : 0.00					
	U : 0.00 V : 0.00					
Carried Forward						R
Bill No. 13 Plumbing and Drainage						

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward				R
<u>REPOSITIONING WATER TANK, ETC.</u>				
45	Remove existing 1000 litre tank and install in new position to be indicated by Principal Agent, including excavation 150mm deep for new concrete base approximately 1500 x 1500mm, compaction of existing ground surfaces, cast new 150mm thick 25Mpa/19mm concrete, smooth finish concrete surface and extending 75mm PVC downpipe	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
<u>BREAKING DOWN EXISTING MANHOLE AND CONSTRUCTING NEW</u>				
46	Breaking down existing manhole approximately 1m deep including excavation, breaking down brickwork and filling holes with excavated material (from stockpiles on site)	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
<u>New rectangular brick manholes with, 150mm thick 25MPa concrete base, and step irons as necessary, 100mm thick precast concrete cover slab, walls 230mm thick and plastered internally with 150mm brickforce at every third course with opening for and including cast iron manhole cover and frame, channels and concrete benching in bottom</u>				
47	Inspection chamber 600 x 900mm and exceeding 1,00m and not exceeding 1,25m deep internally	No	1	
	A : 0 B : 0 C : 0 D : 0 E : 0 F : 0 G : 0 H : 0 I : 0 J : 0 K : 0 L : 0 M : 0 N : 0 O : 0 P : 0 Q : 0 R : 0 S : 0 T : 0 U : 0 V : 1			
Carried to Summary				R
Bill No. 13 Plumbing and Drainage				

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<u>BILL No. 14</u>			
	<u>ELECTRICAL WORK</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill Tenderers are advised to study the Department of Public Works- Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill <u>PREAMBLES</u> All equipment, electrical materials or methods of installation shall comply fully with SABS 0142-1 as published December 2001 <u>SUPPLEMENTARY PREAMBLES</u> The descriptions of items in this section is abbreviated descriptions of the work to be done and of the materials to be used, the tenderer are therefore referred to the full specifications for the full descriptions and complete specifications <u>Proprietary items or materials</u> Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works <u>ELECTRICAL INSTALLATION</u> <u>Schedule of information</u> Tenderers are advised that information schedules are included with the project specifications. These schedules must be completed and submitted with the Tenders. <u>Labelling & Colour Coding</u> The cost of labelling and colour coding must be included within the prices of the respective equipment.			
	Carried Forward		R	
	Bill No. 14 Electrical Work (Provisional)			

**WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES**

Brought Forward				R
<u>Fixing of conduits</u>				
The fixing of conduits shall be as follows				
a) Build in conduits in wall chases with cement mortar and clamps				
b) Fix conduits on wall surfaces and in roof spaces with approved saddles				
c) Cast conduit in concrete surface beds or slabs				
d) Do surface fixing level, plumb, neatly and in straight line by means of standard spacer saddles				
<u>Chasing</u>				
All chasing shall be carried out neatly. Do not chase walls constructed of hollow blocks, locate services in the block cavities. Chase solid walls not deeper than one third of the wall thickness vertically and not more than one sixth horizontally. Avoid horizontal chasing where possible. Ensure that chases, holes and recesses are so made as not to impair the strength or stability of the wall, or reduce the fire resistance properties of the wall. Fill chases with mortar once the conduits are in position				
Chasing and making good have not been measured separately and shall be deemed to be included in the descriptions of conduiting				
<u>Laying of electric cables</u>				
Excavate 600mm below finished ground level				
Encase the installed cable in river sand or sifted sand				
Mark the cable route with approved concrete cable markers				
<u>Configuration to existing distribution boards where new installation will be powered from. Install new circuit breakers to match existing, earth bar, labeling and legend cards. All work to be made compliant according to SANS and NDPWI standards.</u>				
1	Cut metal cover to accommodate new circuit breakers (circuit breakers elsewhere measured)	No	6	
Carried Forward				R
Bill No. 14 Electrical Work (Provisional)				

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward			R
2	Tracing existing circuits for labelling and installation of legend cards	No	10
3	Install danger sign on the DB lead/door	No	8
	<u>Distribution boards complete with sheetmetal trays, frames, subframes, busbars, provision for future circuit breakers, labeling and legend cards according to SANS and NDPWI standards with earthbar</u>		
4	Surface mounted 8 ways IP55 distribution board size 270 x 140mm for vertical lifts	No	2
	<u>Distribution boards - Supply and install circuit breakers with 5kA rating as per departments specification</u>		
5	Blank spacers	No	20
6	6A 5kA 1Ph mccb's (for Disable Alarms)	No	8
7	10A 5kA 1Ph mccb's (for lights)	No	22
8	15A 5kA 1Ph mccb's (for lights)	No	5
9	20A 1Ph mccb's (for SSO)	No	3
10	20A 2Ph mccb's	No	1
11	25A 3Ph mccb's	No	1
12	20A double pole lockable isolator IP66	No	4
13	30A double pole lockable isolator IP66	No	4
14	32A 1Ph mccb's	No	64
15	40A 5kA 1Ph mccb's	No	4
16	63A earth 5kA leakage protection	No	1
	<u>LIGHTING AND SMALL POWER</u>		
Carried Forward			R
Bill No. 14 Electrical Work (Provisional)			

WESTERN CAPE - OUDTSHOORN SANDF
INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

Brought Forward			R
<u>PVC conduit surface mounted on walls or installed in roof space. Including bends, coupling, tees, etc</u>			
17	20mm Diameter	m	550
<u>PVC trunking with cover surface mounted on walls or installed in roof space. Including bends, coupling, tees, etc</u>			
18	25 x 25mm trunking	m	50
<u>CONDUIT BOXES AND FITTINGS</u>			
<u>PVC conduit accessories</u>			
19	Round outlet box for 25mm conduit	No	25
<u>Galvanised steel conduit accessories</u>			
20	100 x 50mm blank cover plate	No	8
21	100 x 50 x 50mm Deep box	No	2
22	100 x 100 x 50mm Deep outlet box	No	2
<u>CONDUCTORS</u>			
<u>PVC insulated stranded copper conductors drawn into wireways</u>			
23	1,5mm ² 3 core	m	65
24	1,5mm ² 4 core fire retardant signal control cable	m	300
25	2,5mm ² earthwire (Bare Copper Earth Wire)	m	20
26	2,5mm ² 3 core	m	55
27	4mm ² 3 core	m	46
28	6mm ² 3 core	m	116
29	10mm ² 3 core	m	30
Carried Forward			R
Bill No. 14 Electrical Work (Provisional)			