



public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

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

**TENDER NO: CPT 1001/22**

**CLOSING DATE: 30 SEPTEMBER 2022**

**CONSISTING OF THE FOLLOWING THREE VOLUMES**

**VOLUME 1 – TENDERING PROCEDURES**

**VOLUME 2 – RETURNABLE DOCUMENTS**

**VOLUME 3 – THE CONTRACT**

**TENDER DOCUMENT**

**SEPTEMBER 2022**

**ISSUED BY:**

**THE DIRECTOR GENERAL  
DEPARTMENT OF PUBLIC WORKS  
PRIVATE BAG X 9027  
CAPE TOWN  
8000**

**NAME OF TENDERER.....**



# WESTERN CAPE-OUTDSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

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# WESTERN CAPE-OUTDSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES

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# **Part T1 : Volume 1: Tendering Procedures**

## **T1.1 : Notice and Invitation to Tender**



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

**NOTICE AND INVITATION TO TENDER  
PA-04 (EC)**

# PA-04 (EC): NOTICE AND INVITATION TO TENDER

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES TENDERS FOR:

<b>Project title:</b>	WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES
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<b>Tender no:</b>	CPT 1001/22	<b>Reference no:</b>	
<b>Advertising date:</b>	09 September 2022	<b>Closing date:</b>	30 September 2022
<b>Closing time:</b>	11:00 am	<b>Validity period:</b>	84 calendar days (12 Weeks)

## 1. REQUIRED CIDB GRADING

It is estimated that tenderers should have a CIDB contractor grading designation of **5 GB** or **5 GB\*** or higher.  
\* Delete "or select tender value range select class of construction works" where only one class of construction works is applicable

It is estimated that potentially emerging enterprises should have a CIDB contractor grading designation of **select tender value range select class of construction works PE** or **select tender value range select class of construction works PE\*** or higher.

\* Delete "or select tender value range select class of construction works PE" where only one class of construction works is applicable

## 2. RESPONSIVENESS CRITERIA

### 2.1 Substantive responsiveness criteria

Only tenderers who are responsive to the following substantive responsiveness criteria are eligible to submit tenders. Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration:

1	<input checked="" type="checkbox"/>	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	<input checked="" type="checkbox"/>	Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3	<input checked="" type="checkbox"/>	Use of correction fluid is prohibited.
4	<input checked="" type="checkbox"/>	Submission of (DPW-07 EC): Form of Offer and Acceptance.
5	<input checked="" type="checkbox"/>	Submission of (PA-16): Preference points claim form in terms of the Preferential Procurement Regulations 2017.
6	<input checked="" type="checkbox"/>	Submission of (PA – 36 and Annexure/s C): Declaration Certificate for Local Production and Content for designated sectors.
7	<input checked="" type="checkbox"/>	Submission of DPW-09 (EC): Particulars of Tenderer's Projects.
8	<input checked="" type="checkbox"/>	Submission of DPW-16 (EC): Site Inspection Meeting Certificate
9	<input type="checkbox"/>	Submission of record of attending compulsory virtual bid clarification / site inspection meeting.
10	<input checked="" type="checkbox"/>	Submission of DPW-21 (EC): Record of Addenda to tender documents
11	<input checked="" type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts) together with his tender.

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12	<input type="checkbox"/>	The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender.
13	<input type="checkbox"/>	Submission of Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017
14	<input checked="" type="checkbox"/>	For BBBEE-Refer to Annexure A. NB: Failure to submit will result in disqualification of bids as this is a pre-qualification criteria.
15	<input type="checkbox"/>	
16	<input type="checkbox"/>	
17	<input type="checkbox"/>	
18	<input type="checkbox"/>	

## 2.2 Administrative responsiveness criteria

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

1	<input checked="" type="checkbox"/>	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's .
2	<input checked="" type="checkbox"/>	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3	<input checked="" type="checkbox"/>	Submission of (PA-11): Bidder's disclosure.
4	<input checked="" type="checkbox"/>	Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement.
5	<input checked="" type="checkbox"/>	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD).
6	<input checked="" type="checkbox"/>	Submission of DPW-15 (EC): Schedule of proposed sub-contractors
7	<input type="checkbox"/>	The tenderer shall submit his fully priced Bills of Quantities (complete document inclusive of all parts) within 14 days from request.
8	<input checked="" type="checkbox"/>	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
9	<input checked="" type="checkbox"/>	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
10	<input type="checkbox"/>	
11	<input type="checkbox"/>	
12	<input type="checkbox"/>	
13	<input type="checkbox"/>	
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	



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**3. PRE-QUALIFICATION CRITERIA**

**Preferential procurement: *Applicable***

Tenderer must comply with the Pre-qualification criteria for Preferential Procurement listed below

<input checked="" type="checkbox"/>	<p>A tenderer having stipulated minimum B-BBEE status level of contributor:</p> <p><input checked="" type="checkbox"/> Level 1 or <input checked="" type="checkbox"/> Level 2 or <input type="checkbox"/> Level 3</p>
<input type="checkbox"/>	<p>An EME or QSE</p>
<input type="checkbox"/>	<p>A tenderer subcontracting a minimum of 30% to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people</li> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are youth</li> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are women</li> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people with disabilities</li> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships</li> <li><input type="checkbox"/> A co-operative which is at least 51% owned by black people</li> <li><input type="checkbox"/> An EME or QSE which is at least 51% owned by black people who are Military veterans</li> <li><input type="checkbox"/> An EME or QSE;</li> </ul>

**Functionality: *Applicable***

**Note:** All bids involving the acquisition of engineering and construction works from cidb Grade 4 and above are subjected to functionality.

**Note:** Functionality will be applied as a prequalification criterion. Such criteria are used to establish minimum requirements where after bids will be evaluated solely on the basis of price and preference.

<b>Minimum functionality score to qualify for further evaluation:</b>	50
<b>Functionality criteria:</b>	<b>Weighting factor:</b>

<p><b>1. Experience</b> The bidder must demonstrate adequate experience to have successfully completed building construction-related projects to the value threshold equal or above R4 000 000.00 per project completed within the last 10 years. The last 10 years will be counted from 2012</p> <p>The bidder must attach appointment letters or reference letters from the Employer with clear project description, contract period and contract value with completion certificates. The proof that the bidder provides in this category must be aligned to the list of projects submitted on the DPW-09. Failure to provide information on the DPW-09 form or provide information regarding the bidder's experience will lead to no scoring of points in this criteria. The projects listed on the DPW-09 will be used to score the bidder on quality.</p> <p><b>Scoring</b> 5 plus projects = 5 points 4 projects = 4 points 3 projects = 3 points 2 projects = 2 points 1 project = 1 point</p>	35
<p><b>2. Quality</b></p> <p>References listed on the DPW-09 shall be used to obtain the quality of work. The alignment of criteria number 1. will be used for scoring of quality.</p> <p>The bidder must forward the quality performance form (QP-01) to their Employer to complete (the form must be signed and stamped) and attached to the tender document when submitting. No other format of quality performance is acceptable other than the quality form (QP-01).</p> <p>The bidder to submit a quality form for each project listed on the DPW-09. Failure to submit the quality forms will lead to no scoring of points.</p> <p><b>Scoring</b> Excellent = 5 points Good = 4 points Satisfactory = 3 points Average = 2 points Poor = 1 point</p>	35
<p><b>3. Resources</b></p> <p>Construction Project Leader/Site Agent: Provide qualification in Built Environment and detailed CV with a list of building construction-related projects.</p> <p><b>Scoring</b> 5 years plus experience = 5 points 4 years' experience = 4 points 3 years' experience = 3 points 2 years' experience = 2 points 1 year experience = 1 point</p>	30

<b>Total</b>	<b>100 Points</b>

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#### 4. BID EVALUATION METHOD

This bid will be evaluated according to the preferential procurement model in the PPPFA: (Tick applicable preference point scoring system)

<input checked="" type="checkbox"/> <b>80/20</b> Preference points scoring system	<input type="checkbox"/> <b>90/10</b> Preference points scoring system	<input type="checkbox"/> <b>Either 80/20 or 90/10</b> Preference points scoring system
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In case where below/above R 50 000 000 is selected, the lowest acceptable tender will be used to determine the applicable preference point system.

#### 5. ELIGIBILITY IN RESPECT OF RISK TO THE EMPLOYER:

**Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:**

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

##### 5.1 Technical risks:

**Criterion 1: Experience on comparable projects during the past 10 years.**

The tendering Service Provider's experience on comparable projects during the past 10 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

**Criterion 2: Contractual commitment and quality of performance on comparable projects during the past 10 years.**

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer during the past 10 years as per

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the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

**Criterion 3: Suitably qualified and appropriately experienced human resources**

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV's and certified ID's of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

**Criterion 4: Attendance of compulsory bid clarification meeting, if applicable**

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

**5.2 Commercial risks:**

The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.

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Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.

## 6. CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as described in PG-01.2 (EC): Scope of Work and PG-02.2 (EC): Pricing Assumptions and in accordance with the feasibility study, which forms part of the specifications in the CPG Section of the Specification of this contract.

(a)	Minimum 30% Mandatory Subcontracting to SMMEs in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017 – Condition of Tender.	<b>Not applicable</b>
(b)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	<b>Not applicable</b>
(c)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	<b>Not applicable</b>
(d)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	<b>Not applicable</b>
(e)	<b>cidb BUILD Programme:</b> Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	<b>Not applicable</b>
(f)	<b>cidb BUILD Programme:</b> Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.	<b>Not applicable</b>
(g)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract.	<b>Not applicable</b>
(h)	Labour Intensive Works – Condition of Contract.	<b>Not applicable</b>
(i)		<b>Select</b>

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(i)		<b>Select</b>
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## 7. COLLECTION OF TENDER DOCUMENTS

- Bid documents are available for free download on e-Tender portal [www.etenders.gov.za](http://www.etenders.gov.za)
- Alternatively; Bid documents may be collected during working hours at the following address **Room 941, Tender Box, Ground Floor, Customs House Building, Lower Heerengracht Street, Foreshore, 8001**. A non-refundable bid deposit of R 300.00 is payable (cash only) on collection of the bid documents.

## 8. SITE INSPECTION MEETING

A pre-tender site inspection meeting will **be** held in respect of this tender. Attendance of said pre- tender site inspection meeting is **compulsory**

The particulars for said pre- tender site inspection meeting or virtual bid clarification / site inspection meeting. are:

<b>Venue:</b>	Oudtshoorn-Military Base( Infantry School, Park Road )		
<b>Virtual meeting link:</b>	N/A		
<b>Date:</b>	22 September 2022	<b>Starting time:</b>	12:00

## 9. ENQUIRIES

Enquiries related to tender documents may be addressed to:

<b>DPWI Project Manager:</b>	Maite Molokomme	<b>Telephone no:</b>	021 402 2178
<b>Cellular phone no:</b>	066 185 0238	<b>Fax no:</b>	
<b>E-mail:</b>	Maite.Molokomme@dpw.gov.za		

## 10. DEPOSIT / RETURN OF TENDER DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms – (forms not to be re-typed).

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<p><b>Tender documents may be posted to:</b></p> <p>The Director-General Department of Public Works and Infrastructure Private Bag X 9027 Cape Town 8000</p> <p><b>Attention:</b> <b>Procurement section: Room 941</b></p>	<p><b>OR</b></p>	<p><b>Deposited in the tender box at:</b></p> <p>Office 941 Customs House Building Lower Heerengracht Street 941</p>
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**11. COMPILED BY:**

<p>Maite Molokomme</p>		<p>2022-09-01</p>
<p>Name of Project Manager</p>	<p>Signature</p>	<p>Date</p>

**Annexure A- Item 14**

**Tenderers to comply with the pre-qualification criteria on paragraph 11.3 (level 1 or 2) for Preferential Procurement as follows:**

- a) **A valid copy of the bidder's BBB-EE certificate OR**
- b) **A valid copy of the bidder's "Sworn Affidavit" attested by the commissioner of Oath as prescribed by the BBB-EE Codes of Good Practice.**
- c) **The Date of deponent and date of Commissioner of Oath must correspond or be the same; financial year end must be indicated, according to The Broad-Based Black Economic Empowerment Practice Guide 01 Of 2018, Determining The Validity of a Broad-Based Black Economic Empowerment Verification Certificate, B-BBEE Certificate and Sworn Affidavit paragraph 17(i)**
- d) **A valid copy of BBB-EE issued by the DTI will be accepted**
- e) **A valid copy of a BBB-EE Verification Certificate / a sworn affidavit and a BBB-EE Certificate issued by the Companies and Intellectual Property Commission (CIPC) will be accepted**
- f) **A trust, consortium or joint venture must submit a consolidated BBB-EE status Level Certificates together with the bids. Failure to submit the consolidated BBB-EE will lead to disqualification of the bid.**

**NB: Failure to submit any of the above will result in disqualification of bids as this is a pre-qualification criteria.**





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# T1.2 Tender Data



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**TENDER DATA**  
**DPW-03 (EC)**

## DPW-03 (EC): TENDER DATA

<b>Project title:</b>	<b>WESTERN CAPE: OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>
<b>Reference no:</b>	

<b>Tender / Quotation no:</b>	<b>CPT 1001/22</b>	<b>Closing date:</b>	<b>30 September 2022</b>
<b>Closing time:</b>	<b>11:00am</b>	<b>Validity period:</b>	<b>12 Weeks (84 Calendar days)</b>

<b>Clause number:</b>	
	<p>The conditions of tender are the Standard Conditions of Tender as contained in Annex C of the CIDB Standard for Uniformity in Construction Procurement as per Government Notice No. 423 published in Government Gazette No. 42622 of 8 August 2019 and as amended from time to time. (see <a href="http://www.cidb.org.za">www.cidb.org.za</a>).</p> <p>The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.</p> <p>Each item of data given below is cross-referenced to the clause marked "C" in the above mentioned Standard Conditions of Tender.</p>
<b>C.1.1</b>	The employer is the Government of the Republic of South Africa in its Department of Public Works and Infrastructure.
<b>C.1.2</b>	<p>For this contract the three volume approach is adopted.</p> <p>This procurement document has been formatted and compiled under the headings as contained in the CIDB's "Standard for Uniformity in Construction Procurement."</p> <p>The three volume procurement document issued by the employer comprises the following:</p> <p><b>Volume 1: Tendering procedures</b>  T1.1 - Notice and invitation to tender (PA-04 EC)  T1.2 - Tender data (DPW-03 EC)</p> <p><b>Volume 2: Returnable documents</b>  T2.1 - List of returnable documents (PA-09 EC)  C1.1 - Form of offer and acceptance (DPW-07 EC)  C1.2 – Contract Data  T2.2 - Returnable schedules</p> <p><b>Volume 3: Contract</b>  <b>Part C1: Agreement and contract data</b>  C1.2 - Contract data (Part 1: Data provided by employer) (DPW-04 EC or DPW-05 EC)  C1.3 - Form of guarantee (DPW-10.1 EC / DPW-10.3EC or DPW-10.2 EC/DPW-10.4 EC)</p> <p><b>Part C2: Pricing data</b>  C2.1 - Pricing Assumptions (PG-02.2 EC or PG-02.1EC)  C2.2 - Bills of Quantities / Lump sum document (if not a returnable document)</p> <p><b>Part C3: Scope of work</b>  C3 - Scope of work (PG-01.2 EC or PG-01.1EC)</p> <p><b>Part C4: Site information</b>  C4 - Site information (PG-03.2 EC or PG03.1EC)</p>

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C.1.4	The Employer's agent is:	
	Name:	<b>Maite Molokomme</b>
	Capacity:	<b>Departmental Project Manager</b>
	Address:	<b>Private Bag X9027 Cape Town 800</b>
	Tel:	<b>021 402 2178</b>
	Fax:	<b>N/A</b>
	E-mail:	<b>Maite Molokomme@dpw.gov.za</b>
C.2.1 C.3.11	<p><b>A. <u>ELIGIBILITY IN RESPECT OF CIDB REGISTRATION:</u></b></p> <p>The following tenderers who are registered with the CIDB, or are *capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated (* tenderers who are capable of being so registered, or who have applied for registration but have not yet received confirmation of such registration, must provide, <u>with this tender</u>, acceptable documentary proof thereof):</p> <p>a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for a <b>5 GB</b> or <b>5 GB**</b> class of construction work; and</p> <p>b) contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower than that required in terms of a) above</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> <li>1. every member of the joint venture is registered with the CIDB;</li> <li>2. the lead partner has a contractor grading designation in the <b>4GB</b> or <b>4GB**</b> class of construction work; and</li> <li>3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations for a <b>4GB</b> or <b>4GB**</b> class of construction work</li> </ol> <p><b>** Delete "or select tender value range select class of construction works" where only one class of construction works is applicable</b></p> <p>A contract will be entered into with a tenderer who has in his employ management and supervisory staff satisfying the requirements of the scope of work for labour intensive competencies for supervisory and management staff. - <b>Applicable</b></p>	

Tender no: CPT 1001/22

**B. INDICATE THE FUNCTIONALITY WEIGHTING APPLICABLE TO THIS BID:**

**Note:** All bids involving the acquisition of engineering and construction works from cidb Grade 4 and above are subjected to functionality.

**Note:** Functionality will only be applied as a prequalification criterion. Such criteria are used to establish minimum requirements where after bids will be evaluated solely on the basis of price and preference.

<b>Functionality Criteria</b>	<b>Weighting Factor</b>
<b>Experience</b>	<b>35</b>
<b>Quality</b>	<b>35</b>
<b>Resources</b>	<b>30</b>
<b>Total</b>	<b>100 Points</b>

(Weightings will be multiplied by the scores allocated during the evaluation process to arrive at the total functionality points)

<b>Minimum functionality score to qualify for further evaluation:</b>	<b>50</b>
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(Total minimum qualifying score for functionality is 50 Percent).

**C ELIGIBILITY IN RESPECT OF RISK TO EMPLOYER:**

**Standard risk management assessment criteria in respect of tenders received for routine projects in the engineering and construction works environments:**

Tender offers will be evaluated by an Evaluation Committee based on the technical and commercial risk criteria listed hereunder. Each criterion carries the same weight / importance and will be evaluated individually based on reports presented to the Bid Evaluation Committee by the Professional Team appointed on the project. A tender offer will be declared non-responsive and removed from any further evaluation if any one criterion is found to present an unacceptable risk to the Employer.

In order for the evaluation reports to be prepared by the Professional Team, the Tenderer is obliged to provide comprehensive information on form DPW-09 (EC). Failure to complete the said form will cause the tender to be declared non-responsive and removed from any further consideration. The Employer reserves the right to request additional information over and above that which is provided by the Tenderer on said form. The information must be provided by the Tenderer within the stipulated time as determined by the Bid Evaluation Committee, failing which the tender offer will *mutatis mutandis* be declared non-responsive.

**C.1 Technical risks:**

**Criterion 1: Experience on comparable projects during the past 5 years.**

The tendering Service Provider's experience on comparable projects during the past 5 years. The number of current and previous comparable projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer's current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer will be *mutatis mutandis* declared non-responsive.

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Aspects to be regarded as “comparable” includes (but may be extended according to circumstances): size of projects (measured against monetary value or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

**Criterion 2: Contractual commitment and quality of performance on comparable projects during the past 5 years.**

Adherence to contractual commitments and quality of performance of comparable current and previous projects performed by the Tenderer as per the evaluation report prepared by the Consultant Team, based on its research and inspection of a representative sample of the Tenderer’s current and previous work as reflected on form DPW-09 (EC), as well as, if necessary, of any additional work executed by the Tenderer, not reflected on form DPW-09 (EC). Failing to provide contactable references will result in the tender offer be *mutatis mutandis* declared non-responsive.

Aspects to be considered include, but are not limited to the following:

1. The level of progress on current projects in relation to the project programme or, if such is not available/applicable, to the contractual construction period in general;
2. The degree to which previous projects have been completed within the contractual completion periods and/or extensions thereto, and the extend of penalties imposed;
3. Project performance: time management & programming of works, timeous ordering of materials and appointment of subcontractors;
4. Financial management: payment to suppliers and cash flow problems;
5. Quality of workmanship: extent of reworks and timeous attention to remedial works;
6. Personnel resources: suitably qualified and experienced, turnover in site staff and labour force, specifically site manager and foreman;
7. Personnel management: extent of labour disputes and ability to resolving labour disputes amicably;
8. Sub-contractors: extent of turnover in subcontractors, general liaison and payment problems experienced;
9. Contract administration: contractual aspects such as complying to laws and regulations, insurances, security, submission of required documentation timeously, reaction to written contract instructions, appointments of subcontractors, etc. as can generally be expected in standard/normal conditions of contract.
10. Health & Safety: adherence to regulations and compliance, and number of transgressions & serious incidents.
11. Plant & equipment: sufficient resources on site and in time.
12. Delays: extent of causing delays, submission of claims timeously, and abuse of or exaggerated delay claims.
13. Final account: extent to which the contractor assisted in finalising the final account.

**Criterion 3: Suitably qualified and appropriately experienced human resources**

Allocation of suitably qualified and appropriately experienced human resources, both in respect of principals and/or other staff (contract manager, site agent, site foreman including other professional, technical and/or administrative) of the tendering Service Provider to the project, as proof that the tendering Service Provider will be able to react/respond appropriately to the Services required herein. The Company Organogram with CV’s and certified ID’s of all principals and employed workforce as well as proof of Professional Registration will be verified. Current and future workload of the tenderer in relation to capacity and capability will also be considered. The tenderer should demonstrate that he or she possesses the necessary professional and technical qualifications and -competence in relation to the scope of work and work to be undertaken.

**Criterion 4: Attendance of compulsory bid clarification meeting, if applicable**

If applicable, submission of confirmation of DPW-16.1 (PSB) attendance of compulsory bid clarification meeting or proof of attending the compulsory virtual meeting by a suitably qualified and experienced representative of the tenderer in terms of PA-04 (EC): Notice and Invitation to Tender.

Tender no: CPT 1001/22

	<p><b>C.2 Commercial risks:</b></p> <p>The financial viability assessment evaluates the risk over the life of the construction period, as to whether the tenderer will be able to deliver the goods and services which are specified in the contract and / or be able to fulfil guarantees or warranties provided for in the contract in order to complete the project successfully for the amount tendered.</p> <p>Aspects to be considered include but are not limited to, the respective rates tendered, bank rating, financial capability and capacity whether the tenderer has or has access to sufficient financial resources to deliver the goods or services described in the tender documentation (including fulfilling any guarantees or warranty claims), whether the tenderer is not subject to any current or impending legal action (either formal proceedings or notification of legal action) which could impact on the financial standing of the tenderer or the delivery of the goods or services, financial report from auditors as proof of current liquidity, and company or any parent company or investor guarantee/s and financial statements.</p>
C.2.7	For particulars regarding a pre-tender site inspection meeting, see Notice and Invitation to Tender T1.1
C.2.12	<p>If a tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements. A tenderer may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. Provided that the tenderer's main tender offer is according to specification and would under normal circumstances be recommended for acceptance, his alternative tender offer may also be considered for the purpose of the award of the contract.</p> <p>Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p> <p>The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed.</p> <p>Alternative tender offer permitted: <span style="float: right;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></span></p>
C.2.13.2	The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the Returnable Documents back to the Department.
C.2.13.5	The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per Notice and Invitation to Tender T1.1.
C.2.13.6 C.3.5	A two-envelope procedure will not be followed.
C.2.15	The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1.
C.2.16	The tender offer validity period is as per Notice and Invitation to Tender T1.1.
C2.16.3	Omit the wording of the last sentence for those projects which are subject to CPAP
C.2.18	<p>The tenderer will be required to submit his fully priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts):</p> <p><input checked="" type="checkbox"/> Together with his tender; or <input type="checkbox"/> The tenderer shall submit his fully priced and completed sectional summary- and final summary pages with the tender and thereafter submit the fully completed Bills of Quantities within fourteen (14) calendar days of the date requested to do so prior to the award of the contract.</p>

Tender no: CPT 1001/22

<b>C.2.19</b>	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
<b>C.3.4.1</b> <b>C.3.4.2</b>	The location for opening of the tender offers, immediately after the closing time thereof shall be at: <b>9th Floor Conference Room Customs House Building, Heerengracht Foreshore ( Located at Lift Foyer Adderley Street Side (South Side Lift). One person per contracting party only)</b>
<b>C.3.8</b>	The words "responsive tender" and "acceptable tender" shall be construed to have the same meaning.
<b>C.3.9.3</b>	Omit the wording and replace with the following: "Notify the tenderer of all errors, omissions and/or rate imbalances that are identified in the tender offer and request the tenderer to, within a stipulated time, accept the total of prices as corrected in accordance with C.3.9.4."
<b>C.3.9.4</b>	Omit the wording of the first sentence and replace with the following: "In cases where tender offers contain errors, omissions and/or rate imbalances, these are to be corrected as follows:"
<b>C.3.9.4</b>	Add sub paragraph c) to C.3.9.4, as follows: "c) If the tenderer does not accept the corrected tender offer, or cannot reach consensus with the Employer on a corrected tender offer, the tender is to be classified as not acceptable/non responsive and removed from further contention."
<b>C.3.11.1</b>	The procedure for the evaluation of responsive tenders is Method 2: Financial Offer and Preference.
<b>C.3.13</b>	Add the following to sub paragraph a), as follows:  The tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector;
<b>C.3.17</b>	Provide to the successful tenderer one copy of the signed contract document.





public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# Volume 2: Returnable Documents

## T2.1 List of Returnable Documents



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

## **LIST OF RETURNABLE DOCUMENTS**

**PA-09 (EC)**

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

<b>Project title:</b>	<b>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>		
<b>Tender / Quotation no:</b>	CPT 1001/22	<b>Reference no:</b>	
<b>Receipt Number:</b>			

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

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

<b>Tender document name</b>	<b>Number of pages issued</b>	<b>Returnable document</b>
Form of Offer and Acceptance (DPW-07 EC)	4 Pages	Yes
Submission of Bidder's disclosure (PA-11)	3 Pages	Yes
Resolution of Board of Directors (PA-15.1) <i>(if applicable)</i>	1 Page	Yes
Resolution of Board of Directors to enter into Consortia or JV's (PA-15.2) <i>(if applicable)</i>	2 Pages	Yes
Special Resolution of Consortia or JV's (PA-15.3) <i>(if applicable)</i>	3 Pages	Yes
Preference points claim form in terms of the Preferential Procurement Regulations 2017 (PA – 16.1)	5 Pages	Yes
Declaration Certificate for Local Production and Content for designated sectors (PA – 36 and Annexure/s C)	9	Yes
Fully completed Declaration of Designated Groups for Preferential Procurement (PA 40)	2 Pages	Yes
Registration on National Treasury's Central Supplier Database (CSD).	-	Yes
Particulars of Tenderer's Projects (DPW-09 EC)	2 Pages	Yes
Site Inspection Meeting Certificate (DPW-16 EC) <i>(if applicable)</i> .	1 Page	Yes
Record of attending compulsory virtual bid clarification / site inspection meeting <i>(if applicable)</i> .	1 Page	
Record of Addenda to tender documents (DPW-21 EC)	1 Page	Yes
Proof of 30% Subcontracting participation and related documents in terms of the Preferential Procurement Regulations 2017 <i>(if applicable)</i> .		No

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

Tender / Quotation no: CPT 1001/22

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

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

Tender document name	Number of pages issued	Returnable document
Any <u>additional</u> information required to complete a risk assessment ( <i>if applicable</i> )	-	Yes
Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's .		
Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.	7	Yes

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

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

Tender document name	Number of pages issued	Returnable document
Schedule of proposed sub-contractors (DPW-15 EC) ( <i>if applicable</i> )	1 Page	Yes
Particulars of Electrical Contractor (DPW-22 EC) ( <i>if applicable</i> )	1 Page	Yes
Mechanical / Electrical / Security Work material and equipment schedules ( <i>if applicable</i> )	0 Pages	Yes
Schedule for Imported Materials and Equipment (DPW-23 EC) ( <i>if applicable</i> )	1 Page	Yes

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

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

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

Tender document name	Number of pages issued	Returnable document
Priced Bills of Quantities / Lump Sum Document (complete document inclusive of all parts)	145 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fully priced and completed sectional summary- and final summary pages with the tender.	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Tender document name	Number of pages issued	Returnable document
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>insert document name</i>	Pages	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

**Signed by the Tenderer**

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



**public works  
& infrastructure**

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# C1.1 Form of Offer and Acceptance



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

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

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

<b>Project title:</b>	<b>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>		
<b>Tender / Quotation no:</b>	CPT 1001/22	<b>Reference no:</b>	

### OFFER

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

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

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

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

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

<b>Rand (in words):</b>	..... ..... .....
<b>Rand in figures:</b>	R .....

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

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

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

Company or Close Corporation: ..... ..... And: Whose Registration Number is: ..... And: Whose Income Tax Reference Number is: ..... CSD supplier number:.....	<b>OR</b>	Natural Person or Partnership: ..... ..... Whose Identity Number(s) is/are: ..... Whose Income Tax Reference Number is/are: ..... CSD supplier number:.....
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\*Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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



Tender / Quotation no: CPT 1001/22

<b>AND WHO IS (if applicable):</b>	
Trading under the name and style of: .....	
<b>AND WHO IS:</b>	
Represented herein, and who is duly authorised to do so, by:  Mr/Mrs/Ms: ..... In his/her capacity as: .....	<b>Note:</b>  <b>A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer.</b>

**SIGNED FOR THE TENDERER:**

Name of representative	Signature	Date

**WITNESSED BY:**

Name of witness	Signature	Date

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

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

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

**SECURITY OFFERED:**

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

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

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

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

**Tender / Quotation no:** CPT 1001/22

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

.....  
 .....

**Other Contact Details of the Tenderer are:**

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

Fax No .....

Postal address .....

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

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

CIDB Registration Number: .....

**ACCEPTANCE**

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

**The terms of the contract are contained in:**

- Part C1 Agreement and contract data, (which includes this agreement)
- Part C2 Pricing data
- Part C3 Scope of work
- Part C4 Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

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

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

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

**For the Employer:**

Name of signatory	Signature	Date

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

\*\*Any reference to the words "payment reduction" herein shall be construed to have the same meaning as the word "retention" Page 3 of 4

Tender / Quotation no: CPT 1001/22

<b>Name of Organisation:</b>	Department of Public Works and Infrastructure
<b>Address of Organisation:</b>	<i>Cape Town Regional Office Private Bag x 9027 Cape Town 8000</i>

**WITNESSED BY:**

Name of witness	Signature	Date

**Schedule of Deviations**

<b>1.1.1. Subject:</b>
<b>Detail:</b>
<b>1.1.2. Subject:</b>
<b>Detail:</b>
<b>1.1.3. Subject:</b>
<b>Detail:</b>
<b>1.1.4. Subject:</b>
<b>Detail:</b>
<b>1.1.5. Subject:</b>
<b>Detail:</b>
<b>1.1.6. Subject:</b>
<b>Detail:</b>

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

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

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

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



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Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# T2.2 Returnable Schedules



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

## **DECLARATION OF INTEREST & BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

**PA-11**



2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?  
**YES / NO**

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?  
**YES / NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

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

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

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

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

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bidder

This form has been aligned with SBD4





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## **CERTIFICATION OF INDEPENDENT BID DETERMINATION**

**PA-29**

## PA- 29: CERTIFICATION OF INDEPENDENT BID DETERMINATION

<b>Project title:</b>	WESTERN CAPE: OUDTSHOORN SANDF:INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES		
<b>Bid no:</b>	CPT 1001/22	<b>Reference no:</b>	

### INTRODUCTION

1. This PA-29 [Certificate of Independent Bid Determination] must form part of all bids<sup>1</sup> invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This form (PA-29) serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (PA-29) must be completed and submitted with the bid:

---

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

## CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

---

**(Bid Number and Description)**

in response to the invitation for the bid made by:

---

**(Name of Institution)**

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

**(Name of Bidder)**

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder.
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder.
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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

Name of Bidder	Signature	Date	Position

<sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.



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**DPW-16 (EC)**

**SITE INSPECTION MEETING CERTIFICATE**

## DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

<b>Project title:</b>	<b>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>		
<b>Tender / Quotation no:</b>	CPT 1001/22	<b>Reference no:</b>	
<b>Closing date:</b>	30 September 2022		

This is to certify that I, \_\_\_\_\_ representing

\_\_\_\_\_ in the capacity of

\_\_\_\_\_ visited the site on: **22**

**September 2022**

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

Name of Tenderer	Signature	Date

Name of DPW Representative	Signature	Date



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**RESOLUTION OF BOARD OF DIRECTORS  
PA-15.1**

## PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at \_\_\_\_\_ (place)

on \_\_\_\_\_ (date)

**RESOLVED that:**

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

\_\_\_\_\_ (Project description as per Bid / Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

- \*Mr/Mrs/Ms: \_\_\_\_\_

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

and who will sign as follows: \_\_\_\_\_

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

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

**Note:**

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

**ENTERPRISE STAMP**



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**REPUBLIC OF SOUTH AFRICA**

**RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO  
CONSORTIA OR JOINT VENTURE**

**PA-15.2**

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

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

\_\_\_\_\_

\_\_\_\_\_

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

Held at \_\_\_\_\_ (place)

on \_\_\_\_\_ (date)

### RESOLVED that:

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

\_\_\_\_\_

\_\_\_\_\_

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

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

\_\_\_\_\_

\_\_\_\_\_

(Project description as per Bid /Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

2. \*Mr/Mrs/Ms: \_\_\_\_\_

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

and who will sign as follows: \_\_\_\_\_

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

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

Physical address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (code)

Postal Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (code)

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

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

**Note:**

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

**ENTERPRISE STAMP**



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**PA-15.3**

**SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES**

## PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

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

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_

Held at \_\_\_\_\_ *(place)*

on \_\_\_\_\_ *(date)*

### **RESOLVED that:**

#### **RESOLVED that:**

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

\_\_\_\_\_  
\_\_\_\_\_

*(Project description as per Bid /Tender Document)*

Bid / Tender Number: \_\_\_\_\_ *(Bid / Tender Number as per Bid /Tender Document)*

PA-15.3: Special Resolution of Consortia or Joint Ventures

B. \*Mr/Mrs/Ms: \_\_\_\_\_

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

and who will sign as follows: \_\_\_\_\_

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

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

\_\_\_\_\_

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Postal code) \_\_\_\_\_

Postal Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (Postal code) \_\_\_\_\_

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

PA-15.3: Special Resolution of Consortia or Joint Ventures

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

**Note:**

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





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**PA-16**

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

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

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

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

### 1. GENERAL CONDITIONS

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

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

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

1.3. Preference points for this bid shall be awarded for:

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

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

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

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

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

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

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

## 2. DEFINITIONS

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

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

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

### 3. ADJUDICATION USING A POINT SYSTEM

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

### 4. POINTS AWARDED FOR PRICE

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

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

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

Where

$P_s$  = Points scored for comparative price of bid under consideration

$P_t$  = Comparative price of bid under consideration

$P_{min}$  = Comparative price of lowest acceptable bid

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

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

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

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

## 6. BID DECLARATION

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

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

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

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

**8 SUB-CONTRACTING (relates to 5.5)**

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

8.1.1 If yes, indicate:

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

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

**9 DECLARATION WITH REGARD TO COMPANY/FIRM**

9.1 Name of company/firm .....

9.2 VAT registration number .....

9.3 Company registration number .....

- 9.4 TYPE OF COMPANY/ FIRM
- Partnership/Joint Venture / Consortium
  - One person business/sole propriety
  - Close corporation
  - Company
  - (Pty) Limited

[TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

9.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

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

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

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

**WITNESSES:**

- 1. ....
- 2. ....

.....

**SIGNATURE(S) OF BIDDER(S)**

DATE:..... ADDRESS:.....

.....



public works  
& infrastructure

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

## **DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT**

**PA-36**



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

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

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

### 1. General Conditions

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

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

Where

- x is the imported content in Rand  
y is the bid price in Rand excluding value added tax (VAT)

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

**The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial\\_development/ip.jsp](http://www.thedti.gov.za/industrial_development/ip.jsp) at no cost.**



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

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

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;
2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
1. Electrical cable products-	90%
2. Plastic pipes and fittings-	100%
3. Cement Sector	100%
4. Steel products & components for construction	100%
5. Valve products & actuators	70%
_____	_____ %

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

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

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

The relevant rates of exchange information is accessible on [www.resbank.co.za](http://www.resbank.co.za)

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

<b>Currency</b>	<b>Rates of exchange</b>
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

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



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

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

**IN RESPECT OF BID NO.** .....

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

**NB**

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

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

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
  - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
  - (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

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



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

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

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

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

**SIGNATURE:** \_\_\_\_\_

**WITNESS No. 1** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**WITNESS No. 2** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**Annex C**

**Local Content Declaration - Summary Schedule**

(C1) Tender No. \_\_\_\_\_

(C2) Tender description: **Department of Defence: Outdshoom Military Base: Accessibility for persons with disabilities**

(C3) Designated product(s) **Cement Sector** % **100%**

(C4) Tender Authority: **National Department of Public Works & Infrastructure**

(C5) Tendering Entity name: **Pula**

(C6) Tender Exchange Rate: **EU**  **GBP**

**Note: VAT to be excluded from all calculations**

Tender item no's	List of items	Calculation of local content				Tender summary					
		Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
Bill Trade	Concrete, formwork and reinforcement										
	25MPa/19mm concrete- Need 7 bags of cement in 1m3							710			
	Total 42,5N 50 kg cement bags for concrete										
Bill Trade	Masonry										
	Mortar Class II- need 0.13 bags to built 54.3 bricks										
	Total 42,5N 50 kg cement bags for brickwork							44			
Bill Trade	Plastering										
	30mm screed- need 0.29bags of cement for 1m2										
	Total 42,5N 50 kg cement bags for screed							14			
	10mm thick plaster- need 0.10 bags of cement for 1m2										
	Total 42,5N 50 kg cement bags for plastering packaging bag used will be deemed to have been sourced locally.							27			
								(C20) Total tender value	R 0		
								(C21) Total Exempt imported content	R 0		
								(C22) Total Tender value net of exempt imported content	R 0		
								(C23) Total Imported content			R 0
								(C24) Total local content			R 0
								(C25) Average local content % of tender			R 0

Signature of tenderer from Annex B \_\_\_\_\_

Date: \_\_\_\_\_

## Annex C

### Local Content Declaration - Summary Schedule

**Tender No.**  
**Tender description:**  
**Designated product(s)**  
**Tender Authority:**  
**Tendering Entity name:**  
**Tender Exchange Rate:**

**Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities** (C7) Specified local content %  
 70%

*Valves products and actuators*

National Department of Public Works & Infrastructure

Pula  EU  GBP

**Note: VAT to be excluded from all calculations**

Tender item no's	List of items	Calculation of local content				Local content % (per item)	
		Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value		
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)
Item 17 page 108	15mm 1003/125 fullway gate valve						
Item 18 page 108	Shower column including 3 body jets						
Item 21 page 109	15mm CP ballcock shut-off valve						
Item 22 page 109	15mm 503-21R CP elbow action pillar cock						

Tender summary		
Tender Qty	Total tender value	Total exempted imported content
(C16)	(C17)	(C18)
1		
4		
18		
7		
		(C19)

Signature of tenderer from Annex B \_\_\_\_\_

Date: \_\_\_\_\_

(C20) Total tender value R 0  
 (C21) Total Exempt imported content R 0  
 (C22) Total Tender value net of exempt imported content R 0  
 (C23) Total Imported content R 0  
 (C24) Total local content R 0  
 (C25) Average local content % of tender

Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No. \_\_\_\_\_

(C2) Tender description: Department of Defense, Outhouse/Military Base; Accessibility for persons with disabilities

(C3) Origin of products: Steel products and components for construction

(C4) Tender Authority: National Department of Public Works & Infrastructure

(C5) Tendering Entity name: \_\_\_\_\_

(C6) Tender Exchange Rate: P/£ \_\_\_\_\_ EU \_\_\_\_\_ GBP \_\_\_\_\_

Notes: VAT to be excluded from all calculations

Tender Item no's	List of Items	Tender price - each (incl VAT)	Calculation of local content				Tender summary					
			Exempted imported value (C17)	Tender value net of exempted imported content (C18)	Imported value (C19)	Local value (C20)	Local content % (per item) (C15)	Total tender value (C21)	Total exempted imported content (C22)	Total imported content (C23)		
Item 15 page 64	Type 183 fabric reinforcement											
Item 16 page 64	Type 245 fabric reinforcement											
Item 7 page 67	76mm wide reinforcement											
Item 8 page 68	150mm wide reinforcement											
Item 11 page 68	32 x 1.6mm cramp 400mm long											
Item 74 page 74	Two way hurricane clips											
	<b>STAINLESS STEEL</b>											
Item 23 page 87	Toler roll holder											
Item 24 page 87	Paper towel dispenser											
Item 25 page 87	Metal soap dispenser											
Item 26 page 88	Waste bin											
Item 27 page 88	Stainless steel dogleg											
Item 28 page 88	Stainless steel rear grab rail											
Item 29 page 88	Stainless steel vertical grab rail											
Item 1 page 91	Horizontal bolt/wedges-50mm external diameter pipe handrail											
Item 2 page 91	Handrail casters-50mm external diameter pipe handrail											
Item 3 page 91	Raking balustrades to stainless-50mm external diameter pipe handrail											
Item 4 page 92	Extra over 50mm rail for 90 degree bend											
Item 5 page 92	Extra over 50mm rail for 135 degree bend											
Item 6 page 92	Extra over 50mm rail for straight end closure											
Item 7 page 92	Extra over 50mm rail for 45 degree angle end bracket											
Item 8 page 93	12mm thick x 100mm long chemical anchor											
Item 10 page 93	50mm Diameter continuous pipe handrail											
Item 11 page 93	12mm thick x 100mm long expansion bolt											
	<b>GALVANISED PRESSED STEEL</b>											
Item 12 page 93	Frame for door 813 x 2092											

Signatures of tenderer from Annex B

(C20) Total tender value \_\_\_\_\_

(C21) Total Exempt Imported content \_\_\_\_\_

(C22) Total Tender value net of exempt imported content \_\_\_\_\_

(C23) Total Imported content \_\_\_\_\_

(C24) Total local content \_\_\_\_\_

(C25) Average local content % of tender \_\_\_\_\_

Date: \_\_\_\_\_

# Annex C

## Local Content Declaration - Summary Schedule

**Tender No.** \_\_\_\_\_

**Tender description:** Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities

**Designated product(s)** Plastic pipes

**Tender Authority:** National Department of Public Works & Infrastructure

**Tendering Entity name:** Pula \_\_\_\_\_ EU \_\_\_\_\_ GBP \_\_\_\_\_

**Tender Exchange Rate:** \_\_\_\_\_

**Note:** VAT to be excluded from all calculations

Tender item no's	List of items	Calculation of local content				Tender summary					
		Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
Item 23 page 110	50mm pipes							35			
Item 23 page 110	110mm Pipes							7			
Item 42 page 114	25mm pipe class 12 uPVC							3			
Item 17 page 119	20mm diameter							550			
Item 22 page 73	110mm pipes							1			
Item 2 page 77	25mm Diameter							70			
								<b>(C20) Total tender value</b>			
								<b>(C21) Total Exempt imported content</b>			
								<b>(C22) Total Tender value net of exempt imported content</b>			
								<b>(C23) Total Imported content</b>			
								<b>(C24) Total local content</b>			
								<b>(C25) Average local content % of tender</b>			

Signature of tenderer from Annex B \_\_\_\_\_

Date: \_\_\_\_\_



# Annex C

## Local Content Declaration - Summary Schedule

Tender No.  
 Tender description:  
 Designated product(s)  
 Tender Authority:  
 Tendering Entity name:  
 Tender Exchange Rate:

Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities  
 Electrical cable products  
 National Department of Public Works & Infrastructure

90%

Pula  EU  GBP

Note: VAT to be excluded from all calculations

Tender item no's	List of items	Calculation of local content					Tender summary				
		Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
Item 23 page 119	1,5mm <sup>2</sup> 3 core							65			
Item 24 page 119	1,5mm <sup>2</sup> 4 core fire retardant cable							300			
Item 25 page 119	2,5mm <sup>2</sup> earthwire							20			
Item 26 page 119	2,5mm <sup>2</sup> 3 core fire							55			
Item 27 page 119	4mm <sup>2</sup> 3 core							46			
Item 28 page 119	6mm <sup>2</sup> 3 core fire retardant cable							116			
Item 29 page 119	10mm <sup>2</sup> 3 core							30			
							(C20) Total tender value				
							(C21) Total Exempt imported content				
							(C22) Total Tender value net of exempt imported content				
							(C23) Total Imported content				
							(C24) Total local content				
							(C25) Average local content % of tender				

Signature of tenderer from Annex B

Date: \_\_\_\_\_

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. \_\_\_\_\_  
 (D2) Tender Description: Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities  
 (D3) Designated Products: Plastic pipes  
 (D4) Tender Authority: National Department of Public Works & Infrastructure  
 (D5) Tendering Entity name: \_\_\_\_\_  
 (D6) Tender Exchange Rate: Pula \_\_\_\_\_ EU \_\_\_\_\_ GBP \_\_\_\_\_

Note: VAT to be excluded from all calculations

A. Exempted imported content

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt imported value										R 0	

This total must correspond with Annex C - C.21

B. Imported directly by the Tenderer

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total Imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total Imported value by tenderer										R 0	

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

Calculation of imported content										Summary	
Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total Imported value by 3rd party										R 0	

D. Other foreign currency payments

Calculation of foreign currency payments					Summary of payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party						

Signature of tenderer from Annex B \_\_\_\_\_  
 Date: \_\_\_\_\_

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

This total must correspond with Annex C - C.23

**Annex D**

**Imported Content Declaration - Supporting Schedule to Annex C**

(D1) Tender No. (D2) Tender description: (D3) Designated Products: (D4) Tender Authority: (D5) Tendering Entity name: (D6) Tender Exchange Rate:	Department of Defense: Outdtshoorn Military Base: Accessibility for persons with disabilities Cement Sector National Department of Public Works & Infrastructure Pula <input type="text"/> EU <input type="text"/> GBP <input type="text"/>	Note: VAT to be excluded from all calculations
---	--	--

**A. Exempted imported content**

Calculation of imported content										Summary	
Tender Item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted Imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt imported value										R 0	

This total must correspond with Annex C - C 21

**B. Imported directly by the Tenderer**

Calculation of imported content										Summary	
Tender Item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total imported value by tenderer										R 0	

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

Calculation of imported content										Summary	
Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by 3rd party										R 0	

**D. Other foreign currency payments**

Calculation of foreign currency payments					Summary of payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party					R 0	

Signature of tenderer from Annex B

Date: \_\_\_\_\_

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

This total must correspond with Annex C - C 23

**Annex D**

**Imported Content Declaration - Supporting Schedule to Annex C**

(D1) **Tender No.** \_\_\_\_\_ **Note: VAT to be excluded from all calculations**

(D2) **Tender description:** Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities

(D3) **Designated Products:** Valves products and actuators

(D4) **Tender Authority:** National Department of Public Works & Infrastructure

(D5) **Tendering Entity name:** \_\_\_\_\_

(D6) **Tender Exchange Rate:** Pula \_\_\_\_\_ EU \_\_\_\_\_ GBP \_\_\_\_\_

**A. Exempted imported content**

Calculation of imported content											Summary	
Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted imported value	
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)	
<b>(D19) Total exempt imported value</b>										R 0		

This total must correspond with Annex C - C 21

**B. Imported directly by the Tenderer**

Calculation of imported content											Summary	
Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total imported value	
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)	
<b>(D32) Total Imported value by tenderer</b>										R 0		

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

Calculation of Imported content											Summary	
Description of Imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity Imported	Total Imported value	
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)	
<b>(D45) Total Imported value by 3rd party</b>										R 0		

**D. Other foreign currency payments**

Calculation of foreign currency payments					Summary of payments
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)
<b>(D52) Total of foreign currency payments declared by tenderer and/or 3rd party</b>					R 0

Signature of tenderer from Annex B \_\_\_\_\_

Date: \_\_\_\_\_

**(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above** R 0

This total must correspond with Annex C - C 23

### Annex D

#### Imported Content Declaration - Supporting Schedule to Annex C

(D1) **Tender No.**  
 (D2) **Tender description:** Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities  
 (D3) **Designated Products:** Steel products and components for construction  
 (D4) **Tender Authority:** National Department of Public Works & Infrastructure  
 (D5) **Tendering Entity name:**  
 (D6) **Tender Exchange Rate:** Pula  EU  GBP

**Note:** VAT to be excluded from all calculations

#### A. Exempted imported content

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

(D19) Total exempt imported value R 0  
 This total must correspond with Annex C - C.21

#### B. Imported directly by the Tenderer

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

(D32) Total imported value by tenderer R 0

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

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

(D45) Total Imported value by 3rd party R 0

#### D. Other foreign currency payments

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

**Summary of payments**  
 Local value of payments  
 (D51)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party  
 (D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

Signature of tenderer from Annex B  
 \_\_\_\_\_  
 Date: \_\_\_\_\_

This total must correspond with Annex C - C.23

## Annex D

### Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. \_\_\_\_\_  
 (D2) Tender description: Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities  
 (D3) Designated Products: Electrical cable products  
 (D4) Tender Authority: National Department of Public Works & Infrastructure  
 (D5) Tendering Entity name: \_\_\_\_\_  
 (D6) Tender Exchange Rate: Pula \_\_\_\_\_ EU R 9,00 GBP R 12,00

Note: VAT to be excluded from all calculations

#### A. Exempted imported content

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted Imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt Imported value										R 0	

This total must correspond with Annex C - C 21

#### B. Imported directly by the Tenderer

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total Imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total Imported value by tenderer										R 0	

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

Calculation of imported content										Summary	
Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity Imported	Total Imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total Imported value by 3rd party										R 0	

#### D. Other foreign currency payments

Calculation of foreign currency payments					Summary of payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party						

Signature of tenderer from Annex B \_\_\_\_\_

Date: \_\_\_\_\_

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

This total must correspond with Annex C - C 23

## Annex E

### Local Content Declaration - Supporting Schedule to Annex C

(E1)	<b>Tender No.</b>	
(E2)	<b>Tender description:</b>	Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities
(E3)	<b>Designated products:</b>	<i>Electrical cable products</i>
(E4)	<b>Tender Authority:</b>	National Department of Public Works & Infrastructure
(E5)	<b>Tendering Entity name:</b>	<input style="width: 100%;" type="text"/>

**Note:** VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
<b>(E9) Total local products (Goods, Services and Works)</b>			R 0

(E10)	<b>Manpower costs</b> (Tenderer's manpower cost)	<input style="width: 90%;" type="text"/> R 0
(E11)	<b>Factory overheads</b> (Rental, depreciation & amortisation, utility costs, consumables etc.)	<input style="width: 90%;" type="text"/> R 0
(E12)	<b>Administration overheads and mark-up</b> (Marketing, insurance, financing, interest etc.)	<input style="width: 90%;" type="text"/> R 0
<b>(E13) Total local content</b>		<input style="width: 90%;" type="text"/> R 0

**This total must correspond with Annex C - C24**

**Signature of tenderer from Annex B**

\_\_\_\_\_

Date: \_\_\_\_\_

## Annex E

### Local Content Declaration - Supporting Schedule to Annex C

(E1)	<b>Tender No.</b>		
(E2)	<b>Tender description:</b>	Department of Defence: Outdtshoorn Military Base: Accessibility for persons with disabilities	<b>Note: VAT to be excluded from all calculations</b>
(E3)	<b>Designated products:</b>	Cement Sector	
(E4)	<b>Tender Authority:</b>	National Department of Public Works & Infrastructure	
(E5)	<b>Tendering Entity name:</b>		

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
<b>(E9) Total local products (Goods, Services and Works)</b>			R 0

(E10)	<b>Manpower costs</b> (Tenderer's manpower cost)	R 0
(E11)	<b>Factory overheads</b> (Rental, depreciation & amortisation, utility costs, consumables etc.)	R 0
(E12)	<b>Administration overheads and mark-up</b> (Marketing, insurance, financing, interest etc.)	R 0
<b>(E13) Total local content</b>		R 0

**This total must correspond with Annex C - C24**

**Signature of tenderer from Annex B**

\_\_\_\_\_

Date: \_\_\_\_\_



## Annex E

### Local Content Declaration - Supporting Schedule to Annex C

(E1)	<b>Tender No.</b>	
(E2)	<b>Tender description:</b>	Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities
(E3)	<b>Designated products:</b>	Valves products and actuators
(E4)	<b>Tender Authority:</b>	National Department of Public Works & Infrastructure
(E5)	<b>Tendering Entity name:</b>	

**Note:** VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
<b>(E9) Total local products (Goods, Services and Works)</b>			R 0

(E10)	<b>Manpower costs</b> (Tenderer's manpower cost)	R 0
(E11)	<b>Factory overheads</b> (Rental, depreciation & amortisation, utility costs, consumables etc.)	R 0
(E12)	<b>Administration overheads and mark-up</b> (Marketing, insurance, financing, interest etc.)	R 0
<b>(E13) Total local content</b>		R 0

**This total must correspond with Annex C - C24**

**Signature of tenderer from Annex B**

\_\_\_\_\_

Date: \_\_\_\_\_

## Annex E

### Local Content Declaration - Supporting Schedule to Annex C

(E1)	<b>Tender No.</b>	
(E2)	<b>Tender description:</b>	Department of Defence: Oudtshoorn Military Base: Accessibility for persons with disabilities
(E3)	<b>Designated products:</b>	Steel products and components for construction
(E4)	<b>Tender Authority:</b>	National Department of Public Works & Infrastructure
(E5)	<b>Tendering Entity name:</b>	

**Note: VAT to be excluded from all calculations**

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
<b>(E9) Total local products (Goods, Services and Works)</b>			R 0

(E10)	<b>Manpower costs</b> (Tenderer's manpower cost)	R 0
(E11)	<b>Factory overheads</b> (Rental, depreciation & amortisation, utility costs, consumables etc.)	R 0
(E12)	<b>Administration overheads and mark-up</b> (Marketing, insurance, financing, interest etc.)	R 0
<b>(E13) Total local content</b>		R 0

**This total must correspond with Annex C - C24**

**Signature of tenderer from Annex B**

\_\_\_\_\_

Date: \_\_\_\_\_





public works  
& infrastructure

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

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

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

<b>Project title:</b>	<b>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>		
<b>Tender / quotation no:</b>	CPT 1001/22	<b>Closing date:</b>	30 September 2022
<b>Advertising date:</b>	09 September 2022	<b>Validity period:</b>	days

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

#### 1.1. Current projects

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

Tender no:

1.2. Completed projects

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

Name of Tenderer	Signature
	Date



## Bidder Quality Performance Evaluation

The Bidder to Demonstrate Competence and Experience in Delivering Key Projects Similar to Maintenance/Service and Repairs to:

Valuator Company Name: .....

Bidders Company Name: .....

Value of Project: R.....

Project Title: .....

Period: .....

Brief description of work done by bidder:

.....  
.....

Will Require References as pose to the following questions:

STATEMENT	POOR 1	AVERAGE 2	SATISFACTORY 3	GOOD 4	EXCELLENT 5
1) ISO 9001 : 2015 and SHE legally compliant					
2) Quality of company system: Procedures, Forms, Registers, Audit Checklists, Invoicing					
3) Compliance with Industry standards to track equipment performance					
4) Compliance with National Fire Protection Association (NFPA) Standards of NFPA 13 / NFPA 13E / NFPA 4					
5) Quality inspection and Testing plan forms					

Name of Valuator: \_\_\_\_\_

Position: \_\_\_\_\_

Contact Number: \_\_\_\_\_

Email address: \_\_\_\_\_

Signature of Valuator: \_\_\_\_\_

Date: \_\_\_\_\_

Company stamp:

NB: This form must be completed by Referee listed on DPW 09(EC).



public works  
& infrastructure

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

## **DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT**

**PA-40**



# PA-00: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: CPT 1001/22

Name of Tenderer .....

EME<sup>1</sup>  QSE<sup>2</sup>  Non EME/QSE (tick applicable box)

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

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

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

<sup>1</sup> EME: Exempted Micro Enterprise

<sup>2</sup> QSE: Qualifying Small Business Enterprise

## PA 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: CPT 1001/22

### 2. DECLARATION:

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

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

**Signed by the Tenderer**

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



# **Volume 3: Contract**

## **Part C1: Agreement and Contract Data**

### **C1.1 Contract Data**



public works  
& infrastructure

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

**CONTRACT DATA**  
**DPW-04 (EC)**

## DPW-04 (EC): CONTRACT DATA: JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

<b>Project title:</b>	WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES
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<b>Tender / Quotation no:</b>	CPT 1001/22	<b>WCS no:</b>		<b>Reference no:</b>	
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	<p>The Conditions of Contract are clauses 1 to 30 of the <b>JBCC®</b> Principal Building Agreement (Edition 6.2 of May 2018) prepared by the Joint Building Contracts Committee.</p> <p><b>Contractors are cautioned to read the JBCC PBA and Contract Data (DPW-04 (EC)) together as some clauses in the JBCC PBA have been amended in the Contract Data (DPW-04 (EC)).</b></p> <p>Copies of these conditions of contract may be obtained through most regional offices of the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.</p> <p>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.</p>
	<p><b>CONTRACT VARIABLES</b></p> <p><b>THE SCHEDULE</b></p> <p>The <b>schedule</b> is the listed variables in this agreement and contains all variables referred to in this document including specific changes made to JBCC® documentation. It is divided into part 1: contract data completed by the <b>employer</b> and part 2: contract data completed by the <b>tenderer</b>. Part 1 must be completed in full and included in the tender documents. Both the part 1 and part 2 form part of this <b>agreement</b>.</p> <p><b>Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank.</b> Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the <b>schedule</b>. Reference to clause numbers in the JBCC Principal Building Agreement are shown in [square brackets] in this contract data e.g. [3.1].</p>

### PART 1: CONTRACT DATA COMPLETED BY THE EMPLOYER:

#### A PROJECT INFORMATION

##### A 1.0 Works [1.1]

<b>Works description</b>	Refer to document <b>PG01.2 (EC) – Scope of Works</b> for detailed description
WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES	

Tender / Quotation no: CPT 1001/22

## A 2.0 Site [1.1]

Erf / stand number	
Site address	Infantry School, Park Road, Oudtshoorn, 6620
Township / Suburb	Oudtshoorn
City / Town	Cape Town
Province	Western Cape
Local authority	Oudtshoorn Municipality
GPS Coordinates	-33.5887891667, 22.1952529167

## A 3.0 EMPLOYER AND ITS REPRESENTATIVE

### A 3.1 Employer:

Official Name of Organ of State / Public Sector Body	Government of the Republic of South Africa in its Department of Public Works & Infrastructure		
Business registration number	Not applicable	VAT number	Not applicable
E-mail		Telephone	021 402 2160
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

### A 3.2 Employer's representative:

Name	Maite Molokomme	Telephone number	021 402 2178
E-mail	Maite.Molokomme@dpw.gov.za	Mobile number	066 185 0238
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

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<b>A 4.0</b>	<b>Principal Agent [1.1; 6.2]</b>	<b>Discipline</b>	Architect
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Name	DPWI		
Legal entity of above	DPWI	Contact person	Denzell Fortuin
Practice number		Telephone number	021 402 2213
Country	RSA	Mobile number	N/A
E-mail	Denzell.Fortuin@dpw.gov.za		
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

<b>A 5.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	Electrical Engineer
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Name	Department of Public Works & Infrastructure(DPWI)		
Legal entity of above	DPWI	Contact person	Siyamthanda Fata
Practice number		Telephone number	021 402 2365
Country	RSA	Mobile number	N/A
E-mail	Siyamthanda.Fata@dpw.gov.za		
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

<b>A 6.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	Quantity Surveyor
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Name	Department of Public Works & Infrastructure(DPWI)		
Legal entity of above	DPWI	Contact person	Neolyn Cannon
Practice number		Telephone number	021 402 2915
Country	RSA	Mobile number	N/A
E-mail	Neolyn.Cannon@dpw.gov.za		
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

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<b>A 7.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	Health & Safety Office
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Name	DPWI		
Legal entity of above	DPWI	Contact person	Zethembiso Mwandla
Practice number		Telephone number	021 402 2181
Country	RSA	Mobile number	066 261 1039
E-mail	Zethembiso.Mwandla@dpw.gov.za		
Postal address	Private Bag X 9027 Foreshore Cape Town 8000		
Physical address	Customs House Building, Lower Heerengracht Street Foreshore Cape Town 8001		

<b>A 8.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

<b>A 9.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

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



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<b>A 10.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

<b>A 11.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

<b>A 12.0</b>	<b>Agent [1.1; 6.2]</b>	<b>Discipline</b>	
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Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
Country		Mobile number	
E-mail			
Postal address	insert postal address insert suburb insert town insert postal code		
Physical address	insert physical address insert suburb insert town insert postal code		

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

Tender / Quotation no: CPT 1001/22

**B CONTRACT INFORMATION**

**B 1.0 Definitions [1.1]**

Bills of quantities: System/Method of measurement	Standard system of measurement of building works 7 <sup>th</sup> edition
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**B 2.0 Law, regulations and notices [2.0]**

Law applicable to the works, state country [2.1]	Law of the Republic of South Africa
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**B 3.0 Offer and acceptance [3.0]**

Currency applicable to this agreement [3.2]	South African Rand
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**B 4.0 Documents [5.0]**

The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom	Employer
Number of copies of construction information issued to the contractor at no cost [5.6]	3

Documents comprising the agreement	Page numbers
The JBCC® Principal Building Agreement, Edition 6.2 May 2018	1 to 30
DPW-04 (EC): CONTRACT DATA: JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)	1 to 31
The JBCC® General Preliminaries for use with the JBCC® Principal Building Agreement, Edition 6.2 May 2018	
Drawings as per drawing register issued with the tender	19
Specifications issued with the tender	
Schedules issued with the tender	
Bills of Quantities issued with the tender	145
Addenda as issued during tender stage, if applicable	As issued

**B 5.0 Employer's agents [6.0]**

Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [6.2] [6.7 [CD] ]	<b>Principal Agent</b>
<b>Principal agent's and agents' interest or involvement in the works other than a professional interest [6.3]</b>	

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**B 6.0 Insurances [10.0]**

<b>Insurances by contractor</b>			
NB: Insurances submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 53 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990). Insured amounts to include VAT.			
	New works [10.1.1] With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Not Applicable
Or	Works with practical completion in sections [10.2] With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Not Applicable
Or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works) With a deductible not exceeding 5% of each and every claim	Contract sum plus 10%	Applicable
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance	R	Not Applicable
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance	R	Not Applicable
	Escalation, professional fees and reinstatement costs must be included in the above respective insurances		Applicable
	Supplementary insurance [10.1.2; 10.2]	Contract sum plus 10%	Applicable
	Public liability insurance [10.1.3; 10.2]	R 5 000 000	Applicable
	Removal of lateral support insurance [10.1.4; 10.2]	R	Not Applicable
	<b>Other insurances [10.1.5]</b>		
	Hi Risk Insurance Refer B18.0 [10.1.5.1]	R	Not Applicable
	Other insurances: If applicable, description 1:	R	Not Applicable
	Other insurances; If applicable, description 2:	R	Not Applicable

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**B 7.0 Obligations of the employer [12.1]**

Existing premises will be in use and occupied [12.1.2]	Applicable
If applicable, description: Tenderer to be able to accommodate the daily use of the premises	
Restriction of working hours [12.1.2]	Applicable
If applicable, description: Be able to accommodate the court proceedings.	
Natural features and known services to be preserved by the contractor [12.1.3]	Not Applicable
If applicable, description:	
Restrictions to the site or areas that the contractor may not occupy [12.1.4]	Not Applicable
If applicable, description:	
Supply of free issue of material and goods [12.1.10]	Not Applicable
If applicable, description:	

**B 8.0 Appointment of Nominated Subcontractors [14.0]**

Not Applicable	If applicable, description of specialisation
Specialisation 1	
Specialisation 2	
Specialisation 3	
Specialisation 4	
Specialisation 5	

**B 9.0 Appointment of Selected Subcontractors [15.0]**

Not Applicable	If applicable, description of specialisation
Specialisation 1	
Specialisation 2	
Specialisation 3	
Specialisation 4	
Specialisation 5	

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**B 10.0 Appointment of Direct Contractors [16.0]**

Not Applicable	If applicable, description of extent of work [12.1.11]
Extent of work	
Extent of work	
Extent of work	
Extent of work	
Extent of work	
Extent of work	

**B 11.0 Works to be completed in sections [20.1]**

Not Applicable	If applicable, description of sections
Section 1	
Section 2	
Section 3	
Section 4	
Section 5	
Section 6	
Remainder of the works.	

**B 12.0 Contract period [B18: 1.2], Construction period [B18: 1.1], Possession of site [12.1.5], Practical Completion [19.0; 20.0], Works Completion Refer B18.0 [19.8], Final Completion [21] and Penalties [24.0]**

**B12.1 Contract Period**

<b>Contract period [B18: 1.2]:</b> Period in months as indicated, include time for submitting contractual obligatory documents, submission of Health & Safety Plan and approval, period for obtaining the Construction Permit (if applicable), the Construction Period and the Defect Liability Period up to and including Final Completion	
<b>The contract period is determined as follows (Period/s indicated in months):</b>	
Period to submit contractual obligatory documents including submission and approval of health and safety plan by the appointed Health & Safety Agent	0,5

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Period to obtain Construction Permit from Department of Labour upon approval of the Health & Safety Plan by the appointed Health & Safety Agent	0
Total construction period for the Works as a whole up to and including Practical Completion, as indicated below [24.1]	11,5
Period to achieve Works Completion Refer B18.0 [19.8]	1
Defect liability period up to and including Final Completion	12
<b>Total Contract period [B18: 1.2]</b>	<b>25</b>
Penalty amount per calendar day for late submission of contractual obligatory documents: Ten percent (10%) of the penalty amount per calendar day for late Practical Completion, excluding VAT. [24.1]	R 165.00

### B12.2 Construction Period for completion of the Works as a whole

<b>Construction period [B18: 1.2] and Practical Completion for the Works as a whole [19.0]</b> The time for achieving Practical Completion of the whole of the Works is measured from the date of possession of the site by the contractor inclusive of all public holidays, special non-working days and builders' holiday shut down periods.	Applicable
The date for practical completion for the works as a whole shall be the period in months as indicated, starting from the date of possession of the site by the contractor inclusive of all special non-working days and builders' holiday shut down periods [12.2.7; 24.1]	12
Period for inspection in working days by the principal agent [19.3]	21
<b>Penalty amount per calendar day for late Practical Completion, excluding VAT. [24.1]</b>	<b>1650.00</b>
<b>Penalty amount per calendar day for late Works Completion Refer B18.0 [19.8]:</b> Thirty percent (30%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R 495.00
<b>Penalty amount per calendar day for late Final Completion [21]:</b> Fifteen percent (15%) of penalty amount per calendar day for late Practical Completion, excluding VAT.	R 250.00

### B12.3 Construction Period for completion of the Works in portions

<b>Construction period [B18: 1.1] and Practical completion for portions of the Works [20.0]</b>	Not Applicable					
Portions of the Works in sections:	1	2	3	4	5	6
Period for inspection by the principal agent in working days [19.3]						
The date for practical completion shall be the period in months as indicated from the date of possession of the site by the contractor [12.2.7; 24.1]						

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The date for practical completion for the <b>whole</b> of the Works, if applicable shall be the period in <b>months</b> as indicated from the date of possession of the site by the contractor inclusive of all <b>public holidays, special non-working days and builders' holiday shut down periods</b> [12.2.7; 24.1]	insert contract period as per B12.1 or N/A if Works as a whole is applicable
Penalty for late Practical Completion, <i>if completion in sections is required</i> , excluding VAT	
The penalty amount per day for failing to complete <b>section 1</b> of the Works is:	R
The penalty amount per day for failing to complete <b>section 2</b> of the Works is:	R
The penalty amount per day for failing to complete <b>section 3</b> of the Works is:	R
The penalty amount per day for failing to complete <b>section 4</b> of the Works is:	R
The penalty amount per day for failing to complete <b>section 5</b> of the Works is:	R
The penalty amount per day for failing to complete <b>section 6</b> of the Works is:	R
The penalty amount per day for failing to complete <b>the whole</b> of the Works, if applicable, is:	R
Penalty amount per calendar day for late Works Completion Refer B18.0 [19.8]: To be calculated at Thirty percent (30%) of penalty / calendar day to complete <b>Select</b> , excluding VAT	
Penalty amount per calendar day for late Final Completion [21]: To be calculated at Fifteen percent (15%) of penalty / calendar day to complete <b>Select</b> , excluding VAT	

**B 13.0 Criteria to achieve Practical Completion [19.0; 20.0]**

Criteria to achieve Practical Completion not covered in the definition of practical completion	
13.1	Obtain Occupation Certificate from the relevant authority prior to issuing the Practical Completion certificate
13.2	All relevant CoCs
13.3	All guarantees
13.4	Training on electrical, security and mechanical installations if contractually required
13.5	Maintenance / operating manuals
13.6	CPG and cidb BUILD programme achievement certificates submitted with substantiating documentation
13.7	
13.8	
13.9	
13.10	

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**B 14.0 Defects liability period [21.0]**

Extended defects liability period: Refer B18.0 [21.13]

Applicable	If applicable, description of applicable elements
14.1	Emergency generator/s
14.2	Air conditioning system and plant
14.3	Security system/s (e.g. Access control, Intruder alarm, etc.)
14.4	Electrical equipment (e.g. Electric operated doors, Electric motors, etc.)
14.5	Lifts
14.6	Mechanical equipment (e.g. Fire detection, Fire suppression system, Kitchen equipment, etc.)
14.7	Civil works
14.8	Landscaping including automated systems (irrigation)
14.9	
14.10	

**B 15.0 Payment [25.0]**

Date of month for issue of regular payment certificates Refer B18.0 [25.2]	30
Contract price adjustment / Cost fluctuations Refer [25.3.4; 26.9.5]	Not Applicable
If applicable, method to calculate	CPAP
Employer shall pay the contractor within: Refer B18.0 [25.10]	Thirty (30) calendar days

**B 16.0 Dispute resolution [30.0]**

<b>Mediation</b>	Applicable
Name of nominating body	Association of Arbitrators (Southern Africa)
Appointment of Mediator	State Attorney
<b>Litigation</b>	Court with Jurisdiction



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**B 17.0 JBCC® General Preliminaries - selections**

Provisional bills of quantities [P2.2]		Applicable
Availability of construction information [P2.3]		Applicable
Previous work - dimensional accuracy - details of previous contract(s) [P3.1]		Not Applicable
Previous work - defects - details of previous contract(s) [P3.2]		Not Applicable
Inspection of adjoining properties - details [P3.3]		Not Applicable
Handover of site in stages - specific requirements [P4.1]		Not Applicable
Enclosure of the works - specific requirements [P4.2]		Applicable
Geotechnical and other investigations - specific requirements [P4.3]		Not Applicable
Existing premises occupied - details [P4.5]		Applicable
Services - known - specific requirements [P4.6]		Not Applicable
Water [P8.1]	By contractor	Select
	By employer	Select
	By employer – metered	Select
Electricity [P8.2]	By contractor	Select
	By employer	Select
	By employer – metered	Select
Ablution and welfare facilities [P8.3]	By contractor	Select
	By employer	Select
Communication facilities - specific requirements [P8.4]		Applicable
Protection of the works - specific requirements [P11.1]		Not Applicable
Protection / isolation of existing works and works occupied in sections - specific requirements [P11.2]		Applicable
Disturbance - specific requirements [P11.5]		Applicable
Environmental disturbance - specific requirements [P11.6]		Not Applicable

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**B 18.0 SPECIFIC CHANGES MADE TO JBCC® DOCUMENTATION**

[Details of changes made to the provisions of JBCC standard documentation]

**1.2 Definitions**

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

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

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

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

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

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

**DEFAULT INTEREST:** No clause.

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

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

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

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

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

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

Tender / Quotation no: CPT 1001/22

<b>CONTRACT SPECIFIC DATA</b>	
The following contract specific data, referring to the General Conditions of Contract for Construction Works, JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), are applicable to this Contract:	
3.3	Replace clause 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].
4.2	Refer to clause 6.7 [CD].
4.3	Replace clause 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.
5.2	Replace last sentence with the following: The original signed agreement shall be held by the Employer.
5.4	Replace clause 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.
5.5	Replace clause with the following: The parties may publish or disclose on any platform only the contract scope and contract amount.
6.5	Replace clause 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 may appoint another principal agent and/or an agent, be it temporary or permanently.
6.7	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.
7.2	Replace first sentence 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.
8.4	Replace clause 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.
9.2.7	Add the following to the end of the first sentence: "... due to no fault of the contractor".

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9.2.9	No clause.
9.2.10	No clause.
9.3	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.
10.1	Replace clause 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 contractor's obligations after the date of practical completion [8.2.2].
10.1.5.1	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:
10.1.5.1.1	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	Add the following as clause 10.1.5.1.2: Injury to persons or loss of or damage to property The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above.  The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, or personal property, or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract.
10.1.5.1.3	Add the following as clause 10.1.5.1.3: 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.

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10.1.5.1.4	<p>Add the following as clause 10.1.5.1.4: 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.</p>
10.2	<p>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.</p>
10.6	No clause.
10.11	<p>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.</p>
11.1	<p>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).</p> <p>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 contract 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 the contract commencement date, the security in terms of C 1.0 Option C shall be deemed to have been selected.</p> <p>The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5.</p>
11.1.1	No clause.
11.1.2	No clause.
11.2.2	No clause.
11.3	No clause.
11.4.1	<p>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.</p>
11.5	No clause.
11.6	No clause.

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11.7	No clause.
11.8	No clause.
11.9	No clause.
11.10	No clause.
11.11	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:
11.11.1	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 the contract commencement date. Failure to furnish the employer with a cash deposit within fifteen (15) working days clause 11.4 will apply <i>mutatis mutandis</i> .
11.11.2	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 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.
11.11.3.	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).
11.11.4	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).
11.11.5	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.
11.11.6	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.
11.12	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:
11.12.1	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 <i>mutatis mutandis</i> .
11.12.2	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.

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11.12.3	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.
11.12.4	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.
11.13	Add the following as clause 11.13 Where security is 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:
11.13.1	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).
11.13.2	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.
11.13.3	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.
11.13.4	Add the following as clause 11.13.4 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5.
11.13.5	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.
11.14.1	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:
11.14.2	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 the contract commencement date. Failure to submit a cash deposit within fifteen (15) working days clause 11.4 will apply <i>mutatis mutandis</i> .
11.14.3	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.
11.14.4	Add the following as clause 11.14.4 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.1 - 25.12.5.
11.14.5	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.

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11.15	Add the following as clause 11.15 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected:
11.15.1	Add the following as clause 11.15.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandis</i> in terms of 25.12.6 to 25.12.10.
11.15.2	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.
11.16	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.
11.17	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).
12.1.1	No Clause.
12.1.5	Replace clause 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.
12.2.2	Replace clause with the following: The priced Bills must be submitted to the Employer within fourteen (14) calendar days from date of request. Where the <b>priced document</b> contains errors or discrepancies and/or prices considered by the employer or <b>principal agent</b> to be imbalanced or unreasonable the employer or <b>principal agent</b> and the <b>contractor</b> shall adjust such prices without any change to the <b>contract sum</b> .
12.2.5	Replace clause 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].
12.2.13	Replace clause 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.
12.2.22	Insert the following clause as 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).



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12.2.23	Insert the following clause as 12.2.23: The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0].
14.1.4	Refer to clause 6.7 [CD].
14.1.5	No clause.
14.4.1	Replace "principal agent" with "employer" [6.7 [CD]].
14.6	Refer to clause 6.7 [CD].
15.0	See clause 6.7 above for clauses, 15.5.
15.1.2	Replace clause with the following: The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer.
15.1.4	Refer to clause 6.7 [CD].
15.1.5	No clause.
15.4.1	Replace "principal agent" with "employer" [6.7 [CD]].
17.4	Replace clause 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.
17.6	Add the following 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.
19.5	Replace clause 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.
19.8	Add the following as: 19.8  <b>WORKS COMPLETION</b> (1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion.  (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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<p>19.8 Continued</p>	<p>(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)</p> <p>(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:</p> <p>(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</p> <p>(3b) Issue a works completion list and the work on Works Completion list not have been completed or where further defects have become apparent, the employer shall forthwith identify such items on the updated works completion list and notify the contractor. The contractor shall repeat the procedure in terms of 19.8(2) (b) until such items have been completed to the satisfaction of the employer</p> <p>(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty (20) working days of the issue final works completion list the contractor shall be liable to a daily penalty as described in B13.</p> <p>(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).</p>
<p>20.2.1.A</p>	<p>Add the following as: 20.2.1.A A certificate of Works Completion [19.8]</p>
<p>21.1</p>	<p>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).</p>
<p>21.6</p>	<p>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.</p> <p>And/or</p> <p>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:</p> <p>(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</p> <p>(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.</p>
<p>21.6.1.</p>	<p>Omit clause.</p>

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21.6.2	Omit clause.
21.13	Add the following as clause 21.13 The ninety (90) calendar day 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.
21.14	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].
22.3.2	No clause.
23.1	Refer to clause 6.7 [CD].
23.2	Refer to clause 6.7 [CD].
23.2.13	No clause.
23.3	Replace 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].
23.7	Refer to clause 6.7 [CD].
23.8	Refer to clause 6.7 [CD].
24.1	Replace clause 24.1 with the following: Where the <b>contractor</b> fails to bring the <b>works</b> , or a <b>section</b> thereof, to <b>practical-, works-, or final- completion</b> by the applicable completion date [B10 CD], or the revised applicable completion date, the <b>contractor</b> shall be liable to the <b>employer</b> for the <b>penalty</b> [B10 CD].
24.2	Replace clause 24.2 with the following: Where the <b>employer</b> elects to levy such <b>penalty</b> the <b>employer</b> , or the <b>principal agent</b> on instruction from the <b>employer</b> , shall give <b>notice</b> thereof to the <b>contractor</b> . The <b>principal agent</b> shall determine the <b>penalty</b> due from the later of the date for <b>practical- works-, or final- completion</b> [B10 CD], or the revised date for <b>practical- works-, or final- completion</b> , up to and including the earlier of:
24.2.1	Replace clause 24.2.1 with the following: The actual or deemed date of <b>practical-, works- or final- completion</b> of the <b>works</b> , or a <b>section</b> thereof [23.7.1].
25.2	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.

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25.3	<p>Add the following to clause 25.3:</p> <p>25.3.12 Monthly Local content report.</p> <p>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).</p> <p>25.3.14 Tax Invoice.</p> <p>25.3.15 Labour intensive report.</p> <p>25.3.16 Contract participation goal and cidb BUILD programme reports.</p>
25.5	No Clause.
25.6	<p>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.</p>
25.7.5	No clause.
25.10	<p>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 and invoice including all other substantiating documentation for items certified in the payment certificate.</p>
25.12	<p>Replace clauses 25.12 to 25.12.3 with the following: The value certified shall be subject to the following percentage adjustments :</p> <p>(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 &amp; E (C 1.0 Securities [11.0]) Clauses 25.12.1 to 25.12.5 shall be applicable)</p> <p>25.12.1 Where a <b>security</b> is selected in terms of C 1.0 Securities [11.0] the value of the <b>works</b> in terms of 25.1 and of the <b>materials and goods</b> in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>25.12.2 Ninety-five per cent (95%) of such value in interim <b>payment certificates</b> issued up to the date of <b>practical completion</b>.</p> <p>25.12.3 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>works completion</b> and up to but excluding the date of <b>final completion</b>.</p> <p>25.12.4 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the final <b>payment certificate</b> in terms of 26.</p> <p>25.12.5 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 26 except where the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the final <b>payment certificate</b>.</p>

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<p>25.12 Continued</p>	<p>(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])</p> <p>25.12.6 Where security is a payment reduction in term of Option C, the value of the <b>works</b> in terms of 25.1 and <b>materials and goods</b> in terms of 25.4 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>25.12.7 Ninety per cent (90%) of such value in interim <b>payment certificates</b> issued up to the date of <b>practical completion</b>.</p> <p>25.12.8 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>practical completion</b> and up to but excluding the date of <b>final completion</b>.</p> <p>25.12.9 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the <b>final payment certificate</b> in terms of 26.</p> <p>25.12.10 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 26 except were the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the <b>final payment certificate</b>.</p>
<p>26.1</p>	<p>Refer to clause 6.7 [CD].</p>
<p>26.4.3</p>	<p>Omit clause.</p>
<p>26.7</p>	<p>Refer to clause 6.7 [CD].</p>
<p>26.10</p>	<p>Replace 26.10 with the following: The <b>principal agent</b> shall prepare the final account in consultation with the employer and issue the <b>final account</b>, to the <b>contractor</b> within sixty (60) <b>working days</b> of the date of <b>practical completion</b>.</p>
<p>26.12</p>	<p>Refer to clause 6.7 [CD].</p>
<p>27.1.2</p>	<p>Replace 27.1.2 with the following: Interest due to late payment only.</p>
<p>27.1.4</p>	<p>Replace 27.1.4 with the following: Interest due to late payment only.</p>
<p>27.1.5</p>	<p>No clause.</p>
<p>27.5</p>	<p>Add the following as clause 27.5: Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security.</p>

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27.6	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.
28.0	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.
29.1.4	Add the following as clause 29.1.4: The <b>contractor's</b> estate has been sequestered, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa.
29.1.5	Add the following as clause 29.1.5: The <b>contractor</b> has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
29.1.6	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.
29.7	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].
29.9	Replace clause 29.9 with the following: The <b>employer</b> has the right of recovery against the <b>contractor</b> , 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.

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29.14.4	No clause.
29.14.5	No clause.
29.14.6	No clause.
29.14.7	No clause.
29.15	No clause.
29.16	No clause.
29.17.3	No clause.
29.17.6	No clause.
29.21.5	No clause.
29.22	No clause.
29.23	No clause.
29.25.3	No clause.
29.25.4	No clause.
29.27	No clause.
30.2	Replace clause 30.2 with the following: Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation.
30.3 to 30.7.7	No clauses.
30.8	Replace clause 30.8 with the following: The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:
30.8.1	No clause.
30.8.2	Replace clause 30.8.2 with the following: The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties.
30.8.3	Replace clause 30.8.3 with the following: Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses.
30.9	Replace clause 30.9 with the following: Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse.
30.10	No clause.
30.12	No clause.

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## B 19.0 CONTRACT PARTICIPATION GOAL TARGETS AND CIDB B.U.I.L.D. PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as described in PG-01.2 (EC): Scope of Work and PG-02.2 (EC): Pricing Assumptions and in accordance with the feasibility study, which forms part of the specifications in the CPG Section of the Specification of this contract.

(a)	Minimum 30% mandatory Subcontracting to SMMEs in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017 – Condition of Tender. (Applicable to all projects above R30 Mil for all class of works categories)	<b>Not applicable</b>
(b)	Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period)	<b>Not applicable</b>
(c)	Minimum Targeted Local Building Material Suppliers Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period)	<b>Not applicable</b>
(d)	Minimum Targeted Local Labour Skills Development Contract Participation Goal in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require Grade 7 to 9 cidb grading, i.e. R20 000 001 and above with minimum 12 month construction period)	<b>Not applicable</b>
(e)	cidb BUILD Programme: Minimum Targeted Enterprise Development Contract Participation Goal in accordance with the cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require 7GB or 7CE cidb grading, i.e. R20 000 001 and above with minimum 6 month construction period)	<b>Not applicable</b>
(f)	cidb BUILD Programme: Minimum Targeted Contract Skills Development Goal in accordance with the cidb Standard for Developing Skills through Infrastructure Contracts as published in the Government Gazette Notice No. 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. (Applicable to projects which require cidb Grade 7 and above for all class of works categories, i.e. R20 000 001 and above with minimum 12 month construction period)	<b>Not applicable</b>
(g)	DPWI National Youth Service training and development programme (NYS) – Condition of Contract. (Applicable to projects with a minimum contract value R2 Mil and minimum 12 month construction period.	<b>Not applicable</b>



Tender / Quotation no: CPT 1001/22

(h)	Labour Intensive Works – Condition of Contract. (Applicable to all CE projects and all GB projects ≥ R30 million)	<b>Not applicable</b>
(i)		<b>Select</b>
(j)		<b>Select</b>

## PART 2: CONTRACT DATA COMPLETED BY THE TENDERER:

### C TENDERER'S SELECTIONS

#### C 1.0 Securities [11.0]

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 more than R1 million, the security to be provided by the contractor to the employer will be selected by the Contractor as indicated below:

Guarantee for construction: Select Option A, B, C, D or E

Option A	cash deposit of 10 % of the contract sum (excluding VAT)
Option B	variable construction guarantee of 10 % of the contract sum (excluding VAT) (DPW-10.3 EC)
Option C	payment reduction of 10% of the value certified in the payment certificate (excluding VAT)
Option D	cash deposit of 5% of the contract sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)
Option E	fixed construction guarantee of 5% of the contract sum (excluding VAT) and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT) (DPW-10.1 EC)

**NB: Insurances submitted must be issued by either an insurance company duly registered in terms of the Insurance Act [Long-Term Insurance Act, 1998 (Act 52 of 1998) or Short-Term Insurance Act, 1998 (Act 53 of 1998)] or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.**

Tender / Quotation no: CPT 1001/22

Guarantee for payment by employer [11.5.1; 11.10]	Not applicable
Advance payment, subject to a guarantee for advance payment [11.2.2; 11.3]	Not applicable

### C 2.0 Payment of preliminaries [25.0]

#### Contractor's selection

Select Option A or B

Where the **contractor** does not select an option, Option A shall apply

#### Payment methods

Option A	The <b>preliminaries</b> shall be paid in accordance with an amount prorated to the value of the <b>works</b> executed in the same ratio as the amount of the <b>preliminaries</b> to the <b>contract sum</b> , which <b>contract sum</b> shall exclude the amount of <b>preliminaries</b> . Contingency sum(s) and any provision for cost fluctuations shall be excluded for the calculation of the aforesaid ratio
Option B	The <b>preliminaries</b> shall be paid in accordance with an amount agreed by the <b>principal agent</b> and the <b>contractor</b> in terms of the <b>priced document</b> to identify an initial establishment charge, a time-related charge and a final dis-establishment charge. Payment of the time-related charge shall be assessed by the <b>principal agent</b> and adjusted from time to time as may be necessary to take into account the rate of progress of the <b>works</b>

#### Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.

### C 3.0 Adjustment of preliminaries [26.9.4]

#### Contractor's selection

Select Option A or B

Where the **contractor** does not select an option, Option A shall apply.

#### Provision of particulars

The **contractor** shall provide the particulars for the purpose of the adjustment of **preliminaries** in terms of his selection. Where completion in **sections** is required, the **contractor** shall provide an apportionment of **preliminaries** per **section**.

Tender / Quotation no: CPT 1001/22

Option A	An allocation of the <b>preliminaries</b> amounts into Fixed, Value-related and Time-related amounts as defined for adjustment method Option A below, within fifteen (15) <b>working days</b> of the date of acceptance of the tender
Option B	A detailed breakdown of the <b>preliminaries</b> amounts within fifteen (15) <b>working days</b> of possession of the <b>site</b> . Such breakdown shall include, inter alia, the administrative and supervisory staff, the use of <b>construction equipment</b> , establishment and dis-establishment charges, insurances and guarantees, all in terms of the <b>programme</b>

### Adjustment methods

The amount of **preliminaries** shall be adjusted to take account of the effect which changes in time and/or value have on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Options A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**.

Option A	<p>The <b>preliminaries</b> shall be adjusted in accordance with the allocation of <b>preliminaries</b> amounts provided by the <b>contractor</b>, apportioned to <b>sections</b> where completion in <b>sections</b> is required</p> <p>Fixed - An amount which shall not be varied.</p> <p>Value-related - An amount varied in proportion to the <b>contract value</b> as compared to the <b>contract sum</b>. Both the <b>contract sum</b> and the <b>contract value</b> shall exclude the amount of <b>preliminaries</b>, contingency sum(s) and any provision for cost fluctuations.</p> <p>Time-related - An amount varied in proportion to the number of <b>calendar days</b> extension to the date of <b>practical completion</b> to which the <b>contractor</b> is entitled with an adjustment of the <b>contract value</b> [23.2; 23.3] as compared to the number of <b>calendar days</b> in the initial <b>construction period</b> [26.9.4].</p>
Option B	<p>The adjustment of <b>preliminaries</b> shall be based on the number of <b>calendar days</b> extension to the date of <b>practical completion</b> to which the <b>contractor</b> is entitled with an adjustment of the <b>contract value</b> [23.2; 23.3] as compared to the number of <b>calendar days</b> in the initial <b>construction period</b> [26.9.4]. The adjustment shall take into account the resources as set out in the detailed breakdown of the <b>preliminaries</b> for the period of construction during which the delay occurred.</p>

### Failure to provide particulars within the period stated

Option A	<p>Where the allocation of <b>preliminaries</b> amounts for Option A is not provided, the following allocation of <b>preliminaries</b> amounts shall apply:</p> <p>Fixed - Ten per cent (10%) Value-related - Fifteen per cent (15%) Time-related - Seventy-five per cent (75%)</p> <p>Where the apportionment of the <b>preliminaries</b> per <b>section</b> is not provided, the categorised amounts shall be prorated to the cost of each <b>section</b> within the <b>contract sum</b> as determined by the <b>principal agent</b></p>
Option B	Where the detailed breakdown of <b>preliminaries</b> amounts for Option B is not provided, Option A shall apply

### Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations.



# Part C2: Pricing Data

## C2.1 Pricing Instructions



public works  
& infrastructure

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

**DPW-10.1(EC)**

**FIXED CONSTRUCTION GUARANTEE-JBCC 2000 PRINCIPAL BUILDING  
AGREEMENT (EDITION 6.2 OF MAY 2018)**

## 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

The Regional Manager  
Private Bag 9027  
Cape Town  
8000

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: \_\_\_\_\_, for the WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES (hereinafter referred to as the "**contract**") in the amount of R \_\_\_\_\_, ( \_\_\_\_\_ ), (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 \_\_\_\_\_, ( \_\_\_\_\_ ) 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 *domicillium citandi et executandi*, for all purposes arising from this guarantee.**
- C. **This GUARANTEE must be returned to:** \_\_\_\_\_

## 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

**The Regional Manager**  
Private Bag 9027  
**Cape Town**  
8000

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: \_\_\_\_\_, for the **WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES** (hereinafter referred to as the "**contract**" in the amount of R \_\_\_\_\_, ( \_\_\_\_\_ ) (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 \_\_\_\_\_  
( \_\_\_\_\_ ) 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: **CPT 1001/22**

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: CPT 1001/22**

**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

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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)

<b>Project title:</b>	<i>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</i>			
<b>Tender / Quotation no:</b>	<i>CPT 1001/ 22</i>	<b>WCS no:</b>		<b>Reference no:</b>

### 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.

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

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

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.

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

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

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**

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

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**

- (a) ***Should the bills of quantities / lump sum document be a fixed price contract, the following clause must be retained in the Pricing Assumptions. (Delete this instruction and the following clause if a fixed price contract is applicable)***

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 LOCAL MATERIAL UTILISATION REPORT (LOCAL CONTENT)**

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 achieve in the performance of this contract the prescribed local content deliverables as listed in PA36 and annexures C thereto in the respective designated sectors as published by Department Trade Industry and Competition (DTIC). The Service Provider shall submit an accumulative monthly report 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.

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, 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.

Failure by the contractors to achieve the specified percentage of local content per designated industry/sector/sub-sector as listed will result in a thirty percent thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control. Allowance must be made for submitting monthly reports illustrating the value of local material utilisation report.

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

**C2.1.11 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME**

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

Provision for pricing of compliance with the achieving the CPGs is made in the Contract Participation Goal Section of the Bills of Quantities and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained

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 THIRTY PERCENT 30% SUB-CONTRACTING CONTRACT PARTICIPATION GOAL**

**MINIMUM THIRTY PERCENT (30%) MANDATORY SUBCONTRACTING TO SMMEs:  
IMPLEMENTATION OF PREFERENTIAL PROCUREMENT REGULATIONS 2017**

**30% Mandatory subcontracting is *not applicable* to this project.**

Provision is made within the Contract Participation Goal section in the Bill of Quantities for thirty percent (30%) subcontracting to SMMEs in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.1. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. 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.

**C2.1.11.2 MINIMUM TARGETED LOCAL BUILDING MATERIAL MANUFACTURERS CONTRACT PARTICIPATION GOAL**

**The Minimum Targeted Local Building Material Manufacturers CPG is 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 C3.6.2. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. 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.

**C2.1.11.3 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 C3.6.3. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. Allowance must be made for



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

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 LOCAL LABOUR SKILLS DEVELOPMENT 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 Skills Development CPG in the execution of this project as described in PG-01.2 (EC) SCOPE OF WORKS C3.6.4. The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. 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.

**C2.1.11.5 CIDB BUILD PROGRAMME: MINIMUM TARGETED ENTERPRISE DEVELOPMENT: CONTRACT PARTICIPATION GOALS (CPG)**

**The Minimum Targeted Enterprise 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 Enterprise 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 the appointment of training coordinator, mentor, training service providers and training of the beneficiary enterprises.

The contractor shall price his Profit and Attendance, all inclusive of associated costs to the contractor for implementation. 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.

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.

**C2.1.11.6 CIDB BUILD PROGRAMME: MINIMUM 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 C3.6.6. 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

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

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 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.

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.

**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 qualifications learners, then the employer shall make provision for payment to the contractor as indicated in Table 3 of the Standard.

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.

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

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: Notional Cost of Training; Headcount**

Source: cidb Standard for Skills Development

Type of Training Opportunity	Provision for stipends (Unemployed learners only)	Provisions for mentorship	Provisions for additional costs*	Total costs	
				Unemployed learners	Employed learners
<b>Method 1</b>					
Occupational qualification	R7 000	R0	R9 000	R16 000	R9 000
<b>Method 2</b>					
TVET College graduates	R14 000	R0	R9 000	R23 000	N/A
Apprenticeship	R14 000	R0	R12 000	R26 000	R12 000
<b>Method 3</b>					
P1 and P2 learners	R24 000	R20 000	R4 500	R48 500	N/A
<b>Method 4</b>					
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 required CPG will be recalculated based on the awarded tender amount and "Contract amount" once the beneficiaries have been appointed and actual costs are known. 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 remeasurable item.

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

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

**Table 4: Notional cost recalculation upon appointment of beneficiaries**

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

**C2.1.11.7 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME**

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

**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 C3.6.7. The contractor to price all elements of this section and allowance must be made for submitting monthly reports in the prescribed manner as per examples of reports bound in the specification document.

**C2.1.11.8 LABOUR-INTENSIVE WORKS**

**Labour Intensive Works is 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. Allowance must be made for submitting monthly reports illustrating the value of the works executed under Labour Intensive Works.

**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  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# C2.2 Bills of Quantities



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

## **BILLS OF QUANTITIES**

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

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

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

### **PRICING OF PRELIMINARIES**

Should the **contractor** select Option A in the **contract data for organs of state and other public sector bodies** for the adjustment of **preliminaries**, the amounts entered against the relevant items in these **preliminaries** are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

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

### **PRICING OF BILLS OF QUANTITIES**

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

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

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

### **VALUE ADDED TAX**

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

### **SECTION A: PRINCIPAL BUILDING AGREEMENT**

#### **INTERPRETATION**

Carried Forward

R

Bill No. 1  
Preliminaries



Brought Forward

R

**A1.0 DEFINITIONS AND INTERPRETATION**

Clause 1.0

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

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

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

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

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

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

**DEFAULT INTEREST:** No Clause

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

Carried Forward

R

Bill No. 1  
Preliminaries

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>	R	
	<p><b>INTEREST:</b> 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</p> <p><b>LETTER OF ACCEPTANCE:</b> The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer</p> <p><b>PAYMENT CERTIFICATE:</b> 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</p> <p><b>PRINCIPAL AGENT:</b> The person or entity appointed by the <b>employer</b> and named in the <b>contract data for organs of state and other public sector bodies</b>. In the event of a <b>principal agent</b> not being appointed, then all the duties and obligations of a <b>principal agent</b> as detailed in the agreement shall be fulfilled by the employer's representative as named in the <b>contract data for organs of state and other public sector bodies</b></p>		
1	<p><b>TARGETED SUBCONTRACTORS:</b> 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.</p> <p>F:.....V:.....T:.....</p>		Item
2	<p><b>A2.0 LAW, REGULATIONS AND NOTICES</b></p> <p>Clause 2.0</p> <p>F:..... V:..... T:.....</p>		Item
	<b>Carried Forward</b>	R	
	<p>Bill No. 1 Preliminaries</p>		

	<b>Brought Forward</b>	<b>R</b>	
3	<p><b>A3.0 OFFER AND ACCEPTANCE</b></p> <p>Replace Clause 3.3 with the following: This agreement shall come into force on the date of letter of acceptance and continue to be of force and effect until the end of the latent defects liability period [22.0] notwithstanding termination [29.0] or the certification of final completion [21.0] and final payment [25.0]</p> <p>F:..... V:..... T:.....</p>		Item
4	<p><b>A4.0 CESSION AND ASSIGNMENT</b></p> <p>Clause 4.0</p> <p>Ref Clause 6.7 [CD] - Clause 4.2</p> <p>Replace Clause 4.3 with the following: Where a contractor cedes any right or any monies due to or to become due under this agreement as security in favour of a financial institution, the prior written consent of the employer, which consent shall not be unreasonably withheld, must be obtained</p> <p>F:..... V:..... T:.....</p>		Item
5	<p><b>A5.0 DOCUMENTS</b></p> <p>Clause 5.0</p> <p>Replace last sentence of Clause 5.2 with the following: The original signed agreement shall be held by the Employer</p> <p>Replace Clause 5.4 with the following: The Bills of Quantities shall not be used as a specification of material and goods or methods unless so instructed by the Principal Agent. The contractor may not use the Bills of Quantities for purpose of ordering material. All dimensions and quantities must be determined on site before ordering. In the event of discrepancy between the drawings and Bills of Quantity, the drawings shall take preference</p> <p>Replace Clause 5.5 with the following: The parties may publish or disclose on any platform only the contract scope and contract amount</p> <p>F:..... V:..... T:.....</p>		Item
	<b>Carried Forward</b>	<b>R</b>	
	Bill No. 1 Preliminaries		

		<b>Brought Forward</b>	R
6	<p><b>A6.0 EMPLOYER'S AGENTS</b></p> <p>Clause 6.0</p> <p><b>Replace Clause 6.5 with the following:</b> 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</p> <p><b>Add the following as Clause 6.7:</b> 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</p> <p>F:..... V:..... T:.....</p>		Item
7	<p><b>A7.0 DESIGN RESPONSIBILITY</b></p> <p>Clause 7.0</p> <p><b>Replace first sentence of Clause 7.2 with the following:</b> 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</p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>INSURANCES AND SECURITIES</u></b>		
8	<p><b>A8.0 WORKS RISK</b></p> <p>Clause 8.0</p> <p><b>Replace Clause 8.4 with the following:</b> The <b>contractor</b> shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the <b>works</b> and hereby indemnifies and holds harmless the employer against any such damage. The <b>contractor</b> shall take such precautions and security measures and other steps for the protection and security of the <b>works</b> as the <b>contractor</b> may deem necessary</p> <p>F:..... V:..... T:.....</p>		Item
		<b>Carried Forward</b>	R
	<p>Bill No. 1 Preliminaries</p>		

		<b>Brought Forward</b>	R
9	<p><b>A9.0 INDEMNITIES</b></p> <p>Clause 9.0</p> <p><b>Add the following to the end of the first sentence of Clause 9.2.7:</b> “... due to no fault of the contractor</p> <p>9.2.9 No Clause</p> <p>9.2.10 No Clause</p> <p><b>Add the following as clause 9.3:</b> The employer's rights to claim damages for the contractor's omissions and actions will not be affected.</p> <p>F:..... V:..... T:.....</p>		Item
10	<p><b>A10.0 INSURANCES</b></p> <p>Clause 10.0</p> <p><b>Replace Clause 10.1 with the following:</b> 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]</p> <p><b>Add the following as Clause 10.1.5.1:</b> <b>Hi Risk Insurance</b> 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</p> <p><b>Add the following as Clause 10.1.5.1.1 Damage to the works</b> The contractor shall, from the date of possession of the <b>site</b> until the date of the <b>certificate of practical completion</b>, bear the full risk of and hereby indemnifies and holds harmless the <b>employer</b> against any damage to and/or destruction of the <b>works</b> consequent upon a catastrophic ground movement as mentioned above. The <b>contractor</b> shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary</p> <p>When so instructed to do so by the <b>principal agent</b>, the <b>contractor</b> shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the <b>works</b> and to rebuild, restore, replace and/or repair the <b>works</b>, at the <b>contractor’s</b> own costs</p> <p><b>10.1.5.1.2 Injury to persons or loss of or damage to property</b> The <b>contractor</b> shall be liable for and hereby indemnifies and holds harmless the <b>employer</b> against any liability, loss, claim or proceeding arising at any time</p>		
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	<p>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</p> <p>The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> 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 <b>site</b>, whether belonging to or under the control of the <b>employer</b> 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</p> <p><b>10.1.5.1.3 Replace Clause with the following:</b> It is the responsibility of the <b>contractor</b> 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 <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall, <b>within twenty-one (21) calendar days of the date of letter of acceptance</b>, but before commencement of the <b>works</b>, submit to the <b>employer</b> proof of such insurance policy.</p> <p><b>10.1.5.1.4 Replace Clause with the following:</b> The <b>employer</b> shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the <b>contractor's</b> 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 <b>contractor</b> or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the <b>employer</b> and the <b>contractor</b> and for this purpose all these contracts shall be considered one indivisible whole</p> <p><b>10.2 Replace Clause with the following:</b> 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</p> <p>10.6 No Clause</p> <p><b>Add the following as Clause 10.11</b> 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</p> <p>F:.....V:.....T:.....</p>	
11	<b>A11.0 SECURITIES</b>	Item
	<p><b>Add the following as to the relevant related Clauses as follows:</b></p>	
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<p><b>Add the following to Clause 11.1:</b></p> <p>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).</p> <p>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.</p> <p>The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5</p> <p>11.1.1 No Clause</p> <p>11.1.2 No Clause</p> <p>11.2.2 No Clause</p> <p>11.3 No Clause</p> <p><b>Replace Clause 11.4.1 with the following:</b></p> <p>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.</p> <p>11.5 No Clause</p> <p>11.6 No Clause</p> <p>11.7 No Clause</p> <p>11.8 No Clause</p> <p>11.9 No Clause</p> <p>11.10 No Clause</p> <p><b>Add the following as Clause 11.11:</b></p> <p>Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p> <p><b>Add the following as Clause 11.11.1:</b></p> <p>The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to furnish the employer with a cash</p>		
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<p style="text-align: right;"><b>Brought Forward</b></p> <p>deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.</p> <p><b>Add the following as Clause 11.11.2:</b> 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.</p> <p><b>Add the following as Clause 11.11.3:</b> 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</p> <p><b>Add the following as Clause 11.11.4:</b> 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.</p> <p><b>Add the following as Clause 11.11.5:</b> 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.</p> <p><b>Add the following as Clause 11.11.6:</b> 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.</p> <p><b>Add the following as Clause 11.12:</b> Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:</p> <p><b>Add the following as Clause 11.12.1:</b> 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.</p> <p><b>Add the following as Clause 11.12.2:</b> The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender.</p> <p><b>Add the following as Clause 11.12.3:</b> The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring.</p> <p><b>Add the following as Clause 11.12.4:</b> 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.</p>	<p>R</p>
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**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:**

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	<p>Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected.</p> <p><b>Add the following as Clause 11.15.1:</b> 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.</p> <p><b>Add the following as Clause 11.15.2:</b> 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.</p> <p><b>Add the following as Clause 11.16:</b> 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.</p> <p><b>Add the following as Clause 11.17:</b> 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).</p> <p>F:..... V:..... T:.....</p> <p><b><u>EXECUTION</u></b></p>		
12	<p><b>A12.0 OBLIGATIONS OF THE PARTIES</b></p> <p>Clause 12.0</p> <p>12.1.1 No Clause</p> <p><b>Replace Clause 12.1.5 with the following:</b> 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</p> <p>12.1.6 No Clause</p> <p>12.1.8 No Clause</p> <p><b>Replace Clause 12.2.2 with the following:</b> 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</p>	Item	
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	<p><b>Replace Clause 12.2.5 with the following:</b> Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0] [CD]</p> <p><b>Replace Clause 12.2.13 with the following:</b> 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</p> <p><b>Add the following as Clause 12.2.22:</b> 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)</p> <p><b>Add the following as Clause 12.2.23:</b> The contractor shall within reasonable time inform the agents regarding inspection of the works before covering / closing [B 12.0]</p> <p><b>Offices</b></p> <p>The <b>contractor</b> shall provide, maintain and remove on completion of the <b>works</b> an office for the exclusive use of the <b>principal agent</b>, 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]</p> <p>F:..... V:..... T:.....</p> <p>Main notice board</p> <p>The <b>contractor</b> shall provide, erect where directed, maintain and remove on completion of the <b>works</b> 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]</p> <p>F:..... V:..... T:.....</p>		
13	<p><b>A13.0 SETTING OUT</b></p> <p>Clause 13.0</p> <p>F:..... V:..... T:.....</p>		Item
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14	<p><b>A14.0 NOMINATED SUBCONTRACTORS</b></p> <p>Clause 14.0</p> <p>Ref Clause 6.7 [CD] - Clause 14.1.4</p> <p>14.1.5 No Clause</p> <p>Replace “principal agent ” with “employer” [6.7 [CD]] in Clause 14.4.1</p> <p>Ref Clause 6.7 [CD] - Clause 14.6</p> <p>F:..... V:..... T:.....</p>		Item
15	<p><b>A15.0 SELECTED SUBCONTRACTORS</b></p> <p>Clause 15.0</p> <p>Ref Clause 6.7 [CD] - Clause 15.1.4 &amp; Clause 15.5</p> <p>15.1.5 No Clause</p> <p><b>Replace Clause 15.1.2 with the following:</b> The principal agent shall call for tenders from a list of tenderers agreed between the contractor and the employer</p> <p>Replace “principal agent ” with “employer” [6.7 [CD]] in Clause 15.4.1</p> <p>F:..... V:..... T:.....</p>		Item
16	<p><b>A16.0 DIRECT CONTRACTORS</b></p> <p>Clause 16.0</p> <p>F:..... V:..... T:.....</p>		Item
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17	<p><b>A17.0 CONTRACT INSTRUCTIONS</b></p> <p>Clause 17.0</p> <p><b>Replace Clause 17.4 with the following:</b> The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21</p> <p><b>Add the following clause as Clause 17.6:</b> Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement.</p> <p>F:..... V:..... T:.....</p> <p><b><u>COMPLETION</u></b></p>		Item
18	<p><b>A18.0 INTERIM COMPLETION- NOT APPLICABLE</b></p> <p>Clause 18.0</p> <p>F:..... V:..... T:.....</p>		Item
19	<p><b>A19.0 PRACTICAL COMPLETION</b></p> <p>Clause 19.0</p> <p><b>Replace Clause 19.5 with the following:</b> On issue of the only or last certificate of practical completion the employer shall be entitled to possession of the works and the site. On issue of the certificate of practical completion for a section, the employer shall be entitled to possession of such section</p> <p><b>Add the following as Clause 19.8:</b> <b>WORKS COMPLETION</b> (1) Within seven (7) calendar days of the date of practical completion the principal agent shall issue to the contractor a works completion list defining the outstanding work and defects apparent at the date of practical completion to be completed or rectified to achieve works completion.</p> <p>(2) Where, in the opinion of the contractor, the works completion list has been completed the contractor shall notify the principal agent who shall inspect within seven (7) calendar days of receipt of such a notice. Where, in the opinion of the principal agent, the Works Completion list:</p> <p>(2)(a) Has been satisfactorily completed, the principal agent shall forthwith issue a certificate of Works Completion to the contractor with a copy to the employer</p>		
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	<p>(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)</p> <p>(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:</p> <p>(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</p> <p>(3b) Issue a works completion list and the work on Works Completion list not have been completed or where further defects have become apparent, the employer shall forthwith identify such items on the updated works completion list and notify the contractor. The contractor shall repeat the procedure in terms of 19.8(2)(b) until such items have been completed to the satisfaction of the employer</p> <p>(4) Should the works completion list not be completed to the satisfaction of the employer within a period of twenty one (21) working days of the issue first works completion list the contractor shall be liable to a daily penalty as described in B12.0</p> <p>(5) The defects liability period in terms of 21.1 shall commence with the issue or deemed issue of the certificate of Works Completion in terms of 19.8(2)(a) or 19.8(3).</p> <p>F:..... V:..... T:.....</p>	Item
20	<p><b>A20.0 COMPLETION IN SECTIONS - NOT APPLICABLE</b></p> <p>Clause 20.0</p> <p>F:..... V:..... T:.....</p>	Item
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21	<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>A21.0 DEFECTS LIABILITY PERIOD AND FINAL COMPLETION</b></p> <p>Clause 21.0</p> <p><b>Replace Clause 21.1 with the following:</b> 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)</p> <p><b>Replace Clause 21.6 with the following:</b> 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</p> <p>And/or</p> <p>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:</p> <p>(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</p> <p>21.6.1 Omit Clause</p> <p>21.6.2 Omit Clause</p> <p><b>Add the following as Clause 21.13:</b> 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</p> <p><b>Add the following as Clause 21.14:</b> 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]</p> <p>F:..... V:.....T:.....</p>	R	
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22	<p><b>A22.0 LATENT DEFECTS LIABILITY PERIOD</b></p> <p>Clause 22.0</p> <p>22.3.2 No Clause</p> <p>F:..... V:.....T:.....</p>		Item
23	<p><b>A23.0 REVISION OF THE DATE FOR PRACTICAL COMPLETION</b></p> <p>Clause 23.0</p> <p>Ref Clause 6.7 [CD] - Clause 23.1 Ref Clause 6.7 [CD] - Clause 23.2</p> <p><b>Replace Clause 23.3 with the following:</b> Further circumstances that delays practical completion due to any other cause beyond the contractor's reasonable control that could not have reasonably been anticipated and provided for which the contractor may be entitled to a revision of the date for practical completion, with or without an adjustment of the contract value as determined by the Employer [6.7 CD]</p> <p>Ref Clause 6.7 [CD] - Clause 23.7 Ref Clause 6.7 [CD] - Clause 23.8</p> <p>F:..... V:.....T:.....</p>		Item
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24	<p><b>A24.0 PENALTY FOR LATE OR NON-COMPLETION</b></p> <p>Clause 24.0</p> <p><b>Replace Clause 24.1 with the following:</b> Where the contractor fails to bring the works, or a section thereof, to practical-, works-, or final- completion by the applicable completion date [CD], or the revised applicable completion date, the contractor shall be liable to the employer for the penalty [CD]</p> <p><b>Replace Clause 24.2 with the following:</b> Where the employer elects to levy such penalty the employer, or the principal agent on instruction from the employer, shall give notice thereof to the contractor. The principal agent shall determine the penalty due from the later of the date for practical- works-, or final- completion [CD], or the revised date for practical- works-, or final- completion, up to and including the earlier of:</p> <p><b>Replace Clause 24.2.1 with the following:</b> The actual or deemed date of practical- works-, or final- completion, of the works, or a section thereof [23.7.1]</p> <p>F:..... V:..... T:.....</p> <p><b><u>PAYMENT</u></b></p>		
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25	<p><b>A25.0 PAYMENT</b></p> <p>Clause 25.0</p> <p><b>Replace Clause 25.2 with the following:</b> 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</p> <p><b>Add the following to Clause 25.3:</b></p> <p>25.3.12 Monthly Local content report,</p> <p>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)</p> <p>25.3.14 Tax Invoice</p> <p>25.3.15 Labour intensive report</p> <p>25.3.16 Contract participation goal reports</p>		
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<p>25.5 No Clause</p> <p><b>Replace Clause 25.6 with the following:</b> 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.</p> <p>25.7.5 No clause.</p> <p><b>Replace Clause 25.10 with the following:</b> 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</p> <p><b>Replace Clauses 25.12 to 25.12.3 with the following:</b> The value certified shall be subject to the following percentage adjustments :</p> <p><b>(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 &amp; E (C 1.0 Securities [11.0]) Clauses 25.12.1 to 25.12.5 shall be applicable)</b></p> <p>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:</p> <p>25.12.2 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>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</p> <p>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</p> <p>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.</p> <p><b>(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])</b></p> <p>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</p>		
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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:.....		Item
26	<b>A26.0 ADJUSTMENT OF THE CONTRACT VALUE AND FINAL ACCOUNT</b>		
	Clause 26.0		
	Ref Clause 6.7 [CD] – Clause 26.1		
	Omit Clause 26.4.3		
	Ref Clause 6.7 [CD] – Clause 26.7		
	<b>Replace Clause 26.10 with the following:</b>		
	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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27	<p><b>A27.0 RECOVERY OF EXPENSE AND/OR LOSS</b></p> <p>Clause 27.0</p> <p><b>Replace Clause 27.1.2 with the following:</b> Interest due to late payment only</p> <p><b>Replace Clause 27.1.4 with the following:</b> Interest due to late payment only</p> <p>27.1.5 No Clause</p> <p><b>Replace Clause 27.5 with the following:</b> Where the employer decides to recover an amount due in terms of 27.2 from a construction guarantee, cash deposit or retention money held as security, the employer shall issue a written demand to the contractor before recovering the amount. Should such amount not be paid to the employer within fourteen (14) calendar days of the date-of notice by the employer, the employer may recover such an amount from the security</p> <p><b>Add the following as Clause 27.6:</b> Where a provisional sequestration or provisional liquidation order has been granted or where an order has been granted which commences sequestration, liquidation, bankruptcy, receivership, winding-up or any similar effect, against the contractor or this agreement is cancelled in terms of 29, the employer may issue a demand to the guarantor in terms of the construction guarantee or advance payment guarantee held as security</p> <p>F:..... V:..... T:.....</p> <p><b><u>SUSPENSION AND TERMINATION</u></b></p>		Item
28	<p><b>A28.0 SUSPENSION BY THE CONTRACTOR</b></p> <p>Clause 28.0</p> <p>28 No Clause 28.1 No Clause 28.1.1 No Clause 28.1.2 No Clause 28.1.3 No Clause 28.1.4 No Clause 28.1.5 No Clause 28.2 No Clause 28.3 No Clause 28.4 No Clause</p> <p>F:..... V:..... T:.....</p>		Item
29	<p><b>A29.0 TERMINATION</b></p>		
		<b>Carried Forward</b>	R
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<p>Clause 29.0</p> <p><b>Add the following as Clause 29.1.4:</b> The contractor's estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p><b>Add the following as Clause 29.1.5:</b> The contractor has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p><b>Add the following as Clause 29.1.6:</b> Honour his obligations in terms of Clauses 10.1.5.1.3, 11.4.1 and 12.2. sub Clauses 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 22.</p> <p><b>Replace Clause 29.7 with the following:</b> The employer, on notice to the contractor, may recover damages from the contractor from the date of termination including, but not limited to, additional costs incurred in the completion, consultant cost, rental of alternative accommodation, invitation of completion tenders, salaries of officials and safeguarding the site, of the remaining work [25.3.7; 27.1.3]</p> <p><b>Replace Clause 29.9 with the following:</b> The employer has the right of recovery against the contractor, where applicable, [CD] from:</p> <p>The guarantee for construction (variable) until the final payment has been made;</p> <p style="padding-left: 20px;">or</p> <p>The guarantee for construction (fixed) until the date of practical completion;</p> <p style="padding-left: 20px;">or</p> <p>The payment reduction until the final payment is made;</p> <p style="padding-left: 20px;">or</p> <p>The cash deposit made as security until the final payment is made</p> <p>29.14.1 No Clause</p> <p>29.14.3 No Clause</p> <p>29.14.4 No Clause</p> <p>29.14.5 No Clause</p> <p>29.14.6 No Clause</p>		
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	<b>Brought Forward</b>	R
29.14.7 No Clause		
29.15 No Clause		
29.16 No Clause		
29.17.3 No Clause		
29.17.6 No Clause		
29.21.5 No Clause		
29.22 No Clause		
29.23 No Clause		
29.25.3 No Clause		
29.25.4 No Clause		
29.27 No Clause		
F:..... V:..... T:.....		
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		<b>Brought Forward</b>	R
	<b><u>DISPUTE RESOLUTION</u></b>		
30	<p><b>A30.0 DISPUTE RESOLUTION</b></p> <p>Clause 30.0</p> <p><b>Replace Clause 30.2 with the following:</b> Where such disagreement is not resolved within ten (10) working days of receipt of such notice it shall be deemed to be a dispute and shall be submitted to Mediation as a first method of dispute resolution failing which the parties will resort to Litigation</p> <p><b>30.3 to 30.7.7 No Clauses</b></p> <p><b>Replace Clause 30.8 with the following:</b> The parties may, by agreement and at any time before Litigation, refer a dispute to mediation, in which event:</p> <p><b>30.8.1 No Clause</b></p> <p><b>Replace Clause 30.8.2 with the following:</b> The appointment of a mediator, the procedure, and the status of the outcome shall be agreed between the parties</p> <p><b>Replace Clause 30.8.3 with the following:</b> Regardless of the outcome of a mediation the parties shall bear their own costs concerning the Mediation and equally share the costs of the mediator and related expenses</p> <p><b>Replace Clause 30.9 with the following:</b> Institution of Litigation shall be commenced and process served within three (3) year from the date of existence of the dispute, failing which the dispute shall lapse</p> <p>30.10 No Clause</p> <p>30.12 No Clause</p> <p>F:..... V:.....T:.....</p>		Item
	<b><u>SECTION B: GENERAL PRELIMINARIES</u></b>		
	<b><u>B1.0 DEFINITIONS AND INTERPRETATION</u></b>		
31	<p><b>B1.1 Definitions</b></p> <p>F:..... V:.....T:.....</p>		Item
		<b>Carried Forward</b>	R
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32	<b>B1.2 Interpretation</b> F:..... V:..... T:.....		Item
	<b><u>B2.0 DOCUMENTS</u></b>		
33	<b>B2.1 Checking of documents</b> F:..... V:..... T:.....		Item
34	<b>B2.2 Provisional bills of quantities</b> F:..... V:..... T:.....		Item
35	<b>B2.3 Availability of construction information</b> F:..... V:..... T:.....		Item
36	<b>B2.4 Ordering of materials and goods</b> F:..... V:..... T:.....		Item
	<b><u>B3.0 PREVIOUS WORK AND ADJOINING PROPERTIES</u></b>		
37	<b>B3.1 Previous work - dimensional accuracy</b> F:..... V:..... T:.....		Item
38	<b>B3.2 Previous work - defects</b> F:..... V:..... T:.....		Item
39	<b>B3.3 Inspection of adjoining properties</b> F:..... V:..... T:.....		Item
	<b><u>B4.0 THE SITE</u></b>		
40	<b>B4.1 Handover of site in stages</b> F:..... V:..... T:.....		Item
41	<b>B4.2 Enclosure of the works</b> F:..... V:..... T:.....		Item
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		<b>Brought Forward</b>	R
42	<b>B4.3</b> Geotechnical and other investigations F:..... V:..... T:.....		Item
43	<b>B4.4</b> Encroachments F:..... V:..... T:.....		Item
44	<b>B4.5</b> Existing premises occupied F:..... V:..... T:.....		Item
45	<b>B4.6</b> Services - known F:..... V:..... T:.....		Item
	<b><u>B5.0 MANAGEMENT OF CONTRACT</u></b>		
46	<b>B5.1</b> Management of the works F:..... V:..... T:.....		Item
47	<b>B5.2</b> Progress meetings F:..... V:..... T:.....		Item
48	<b>B5.3</b> Technical meetings F:..... V:..... T:.....		Item
	<b><u>B6.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</u></b>		
49	<b>B6.1</b> Samples of materials F:..... V:..... T:.....		Item
50	<b>B6.2</b> Workmanship samples F:..... V:..... T:.....		Item
51	<b>B6.3</b> Shop drawings F:..... V:..... T:.....		Item
52	<b>B6.4</b> Compliance with manufacturer's instructions F:..... V:..... T:.....		Item
		<b>Carried Forward</b>	R
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	<b><u>B7.0 DEPOSITS AND FEES</u></b>		
53	<b>B7.1 Deposits and fees</b> F:..... V:..... T:.....		Item
	<b><u>B8.0 TEMPORARY SERVICES</u></b>		
54	<b>B8.1 Water</b> F:..... V:..... T:.....		Item
55	<b>B8.2 Electricity</b> F:..... V:..... T:.....		Item
56	<b>B8.3 Ablution and welfare facilities</b> F:..... V:..... T:.....		Item
57	<b>B8.4 Communication facilities</b> F:..... V:..... T:.....		Item
	<b><u>B9.0 PRIME COST AMOUNTS</u></b>		
58	<b>B9.1 Responsibility for prime cost amounts</b> F:..... V:..... T:.....		Item
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	<b><u>B10.0 ATTENDANCE ON SUBCONTRACTORS</u></b>		
59	<p><b>B10.1</b> General attendance</p> <p>The <b>contractor</b> shall at his own expense provide the following general attendance on the <b>subcontractors</b>:</p> <p>Access to the <b>site</b> and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the <b>contractor</b></p> <p>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</p> <p>The provision of an area for the <b>subcontractor</b> to establish temporary office accommodation and workshops and for the storage of plant and materials</p> <p>The use of erected scaffolding belonging to the <b>contractor</b>, in common with others having the like right, while it remains erected on the <b>site</b></p> <p>The use, at reasonable times by arrangement of the <b>contractor's</b> erected hoisting equipment</p> <p>F:..... V:..... T:.....</p>		Item
60	<p><b>B10.2</b> Special attendance</p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>B11.0 GENERAL</u></b>		
61	<p><b>B11.1</b> Protection of the works</p> <p>F:..... V:..... T:.....</p>		Item
62	<p><b>B11.2</b> Protection/isolation of existing works and works occupied in sections</p> <p>F:..... V:..... T:.....</p>		Item
63	<p><b>B11.3</b> Security of the works</p> <p>F:..... V:..... T:.....</p>		Item
64	<p><b>B11.4</b> Notice before covering work</p> <p>F:..... V:..... T:.....</p>		Item
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65	<p><b>B11.5 Disturbance</b></p> <p>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</p> <p>F:..... V:.....T:.....</p>		Item
66	<p><b>B11.6 Environmental disturbance</b></p> <p>F:..... V:.....T:.....</p>		Item
67	<p><b>B11.7 Works cleaning and clearing</b></p> <p>F:..... V:.....T:.....</p>		Item
68	<p><b>B11.8 Vermin</b></p> <p>F:..... V:.....T:.....</p>		Item
69	<p><b>B11.9 Overhand work</b></p> <p>F:..... V:.....T:.....</p>		Item
70	<p><b>B11.10 Tenant installations</b></p> <p>F:..... V:.....T:.....</p>		Item
71	<p><b>B11.10 Advertising</b></p> <p>F:..... V:.....T:.....</p>		Item
<p><b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b></p> <p><b>Section C</b> contains specific preliminary items which apply to this contract except where <b>N/A (Not Applicable)</b> appears against an item</p>			
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	<b><u>C1.0 CONTRACT DRAWINGS</u></b>		
72	<p>* Select relevant paragraph and delete whichever is not applicable depending on whether the contract is based on a <b>bills of quantities</b> or lump sum document</p> <p>* 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 <b>works</b> and the manner in which they are to be executed</p> <p>* 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 <b>works</b> and the manner in which they are to be executed</p> <p>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 <b>principal agent</b></p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>C2.0 PREAMBLES</u></b>		
73	<p>The document “Construction Works: Specifications: General Specification (PW371-A) Edition 2.1” is obtainable on the Department’s website (<a href="http://www.publicworks.gov.za/">http://www.publicworks.gov.za/</a> under “Consultants Guidelines”), and shall be read in conjunction with the <b>bills of quantities</b> / lump sum document and be referred to for the full descriptions of work to be done and materials to be used</p> <p>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 <b>bills of quantities</b> / lump sum document</p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>C3.0 TRADE NAMES</u></b>		
74	<p>Wherever a trade name for any product has been described in the <b>bills of quantities</b> / 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 <b>principal agent</b> being obtained prior to the closing date for submission of tenders</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>F:..... V:..... T:.....</p>		Item
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	<b><u>C4.0 IMPORTED MATERIALS AND EQUIPMENT</u></b>		
75	<p>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)</p> <p>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)</p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>C5.0 VIEWING THE SITE IN SECURITY AREAS</u></b>		
76	<p>The <b>site</b> 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 <b>site</b> for tendering purposes</p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS</u></b>		
77	<p>As the <b>works</b> falls within a security area the <b>contractor</b> must give the unit commander or other responsible officer notice before commencement of the <b>works</b>. Should the <b>contractor</b> fail to make such arrangements, admission to the <b>site</b> may be refused and any additional costs will be for the <b>contractor's account</b></p> <p>F:..... V:..... T:.....</p>		Item
	<b><u>C7.0 ENTRANCE PERMITS TO SECURITY AREAS</u></b>		
78	<p>As the <b>works</b> falls within a security area the <b>contractor</b> 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</p> <p>F:..... V:..... T:.....</p>		Item
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	<p><b><u>C8.0 SECURITY CHECK OF PERSONNEL</u></b></p>		
79	<p>The <b>principal agent</b> may require the <b>contractor</b> to have his personnel and workmen, or a certain number of them, security classified</p> <p>In the event of the <b>principal agent</b> requesting the removal of a person or persons from the <b>works</b> for security reasons, the <b>contractor</b> shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the <b>works</b> and the <b>site</b> and/or to any document or information relating to the <b>works</b></p> <p>F:..... V:..... T:.....</p>		Item
	<p><b><u>C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS</u></b></p>		
80	<p>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</p> <p>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</p> <p>F:..... V:..... T:.....</p>		Item
	<p><b><u>C10.0 HIV/AIDS AWARENESS</u></b></p> <p>It is required of the <b>contractor</b> 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 <b>bills of quantities</b> / 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</p> <p>The <b>contractor</b> must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the <b>principal agent</b>, 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 <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including <b>interest</b>, due to such delay of payment</p>		
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	<b><u>C10.1 AWARENESS CHAMPION</u></b>		
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	
	<b><u>C10.2 AWARENESS WORKSHOPS</u></b>		
82	Selection and appointment of a competent Service Provider approved by the <b>principal agent</b> , 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	
	<b><u>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</u></b>		
83	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the <b>construction period</b> , all in accordance with the HIV/AIDS Specification  F:..... V:..... T:.....	Item	
	<b><u>C10.4 ACCESS TO CONDOMS</u></b>		
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 <b>construction period</b> , all in accordance with the HIV/AIDS Specification  F:..... V:..... T:.....	Item	
	<b><u>C10.5 MONITORING</u></b>		
85	Monitoring HIV/AIDS awareness of workers, providing the <b>principal agent</b> with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the <b>construction period</b> and close out, all in accordance with the HIV/AIDS Specification  F:..... V:..... T:.....	Item	
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	<b>Brought Forward</b>	R	
	<b><u>C11.0 OCCUPATIONAL HEALTH &amp; SAFETY ACT</u></b>		
86	<p>The <b>contractor</b> shall comply with all the requirements as set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)</p> <p>It is required of the <b>contractor</b> 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</p> <p>The <b>contractor</b> 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, <b>the principal agent</b>, 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 <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including <b>interest</b>, due to such delay of payment</p> <p>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</p> <p>F:..... V:..... T:.....</p>		Item
	<b>Carried Forward</b>	R	
	Bill No. 1 Preliminaries		

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:.....**N/A**

Item

Carried Forward

R

Bill No. 1  
Preliminaries

Brought Forward

R

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

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

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

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

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

Item

**SUMMARY OF CATEGORIES**

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Summary

R

Bill No. 1  
Preliminaries

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 2</u></b>			
	<b><u>ALTERATIONS</u></b>			
	<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			
	<b><u>REMOVAL OF EXISTING WORK</u></b>			
	<b><u>Breaking up and removing mass concrete:</u></b>			
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			
	<b><u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement</u></b>			
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			
	<b>Carried Forward</b>			R
	Bill No. 2 Alterations			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>					R
<b><u>Breaking down and removing brickwork, etc.:</u></b>					
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				
<b><u>Taking out and removing doors, windows, etc from brickwork to be demolished</u></b>					
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				
<b>Carried Forward</b>					R
Bill No. 2 Alterations					

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward										
									R	
<b><u>Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)</u></b>										
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								
<b><u>Taking out doors, windows, etc including thresholds, sills, etc and setting aside for re-use (refixing and building up openings elsewhere)</u></b>										
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								
				<b>Carried Forward</b>						R
Bill No. 2 Alterations										

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>									
12	Timber double door and frame 1800 x 2100mm high overall from one brick wall		No	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:0    R:0    S:0    T:0								
	U:1    V:0								
	<b><u>Taking out and removing joinery fittings etc</u></b>								
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								
	<b><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></b>								
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								
<b>Carried Forward</b>									R
Bill No. 2 Alterations									

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		<b>Brought Forward</b>			
16	Vitreous china WC pan with cistern	No	5		R
	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				
	<b><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></b>				
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				
	<b>Carried Forward</b>				
	Bill No. 2 Alterations				R



DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

	Brought Forward					
20	Vitreous china wall hung urinal with flush valve	No	5			R
	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					
	<b><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></b>					
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					
	<b><u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. from brickwork to remain (building up or altering openings elsewhere):</u></b>					
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					
	<b>Carried Forward</b>					
	Bill No. 2 Alterations					R

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBLTY FOR PERSONS WITH DISABILITIES**

Brought Forward						R
<b><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></b>						
24	Gypsum plasterboard or fibre-cement ceilings including cornices timber brandering, 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					
<b><u>Taking out/off and removing sundry metalwork</u></b>						
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					
<b><u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u></b>						
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					
<b>Carried Forward</b>						R
Bill No. 2 Alterations						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		<b>Brought Forward</b>		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			
	<b><u>Servicing of existing ironmongery</u></b>			
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			
	<b>Carried Forward</b>			R
	Bill No. 2 Alterations			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward									
33	Service existing metal window complete including replacing missing parts, etc.			No	2				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 : 0    R : 0    S : 0    T : 0								
	U : 0    V : 2								
	<b><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></b>								
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								
<b>Carried Forward</b>									R
Bill No. 2 Alterations									

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward					R
<b><u>Hacking up/off and removing pavers including removing bedding</u></b>					
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			
<b><u>Taking out/off and removing glass and mirrors</u></b>					
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			
<b><u>BUILDING UP OPENINGS</u></b>					
Carried Forward					R
Bill No. 2 Alterations					

		Brought Forward		R
<b><u>Brickwork in NFP bricks in class II mortar in building up openings</u></b>				
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			
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>				
<b><u>Making good internal cement plaster:</u></b>				
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			
<b><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></b>				
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				

Brought Forward		R
<b><u>Making good concrete surfaces to receive new concrete (concrete elsewhere)</u></b>		
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	10
	m	
	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	
<b><u>Create new boreholes at balcony</u></b>		
45	Drill to existing one brick wall to from weep hole including 40mm PVC pipe 300mm long cut at angle and make good finishes	10
	No	
	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	
<b><u>MAKING GOOD OF FINISHES ETC</u></b>		
46	Making good brickwork at end of one brick wall where door frame was removed	4
	m	
	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		

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>				
47	<p>Making good brickwork to face of wall where half brick cross wall was removed</p> <p style="margin-left: 20px;">A:0    B:0    C:3    D:0</p> <p style="margin-left: 20px;">E:0    F:0    G:0    H:0</p> <p style="margin-left: 20px;">I:0    J:0    K:0    L:0</p> <p style="margin-left: 20px;">M:0    N:0    O:0    P:0</p> <p style="margin-left: 20px;">Q:0    R:0    S:0    T:0</p> <p style="margin-left: 20px;">U:0    V:0</p> <p><b><u>Making good "Rhino" gypsum plasterboard ceilings and brandering</u></b></p>	m	3		R
48	<p>Ceilings where half brick walls removed</p> <p style="margin-left: 20px;">A:0    B:0    C:3    D:0</p> <p style="margin-left: 20px;">E:0    F:0    G:0    H:0</p> <p style="margin-left: 20px;">I:0    J:0    K:0    L:0</p> <p style="margin-left: 20px;">M:0    N:0    O:0    P:0</p> <p style="margin-left: 20px;">Q:0    R:0    S:0    T:0</p> <p style="margin-left: 20px;">U:0    V:0</p> <p><b><u>Making good untinted granolithic</u></b></p>	m	3		
49	<p>Floors where one brick wall was removed</p> <p style="margin-left: 20px;">A:0    B:0    C:1    D:0</p> <p style="margin-left: 20px;">E:0    F:0    G:0    H:0</p> <p style="margin-left: 20px;">I:0    J:0    K:0    L:0</p> <p style="margin-left: 20px;">M:0    N:0    O:0    P:0</p> <p style="margin-left: 20px;">Q:0    R:0    S:0    T:0</p> <p style="margin-left: 20px;">U:0    V:0</p> <p><b><u>CUTTING THROUGH EXISTING SURFACE BEDS, ETC.</u></b></p>	m	1		
	<b>Carried Forward</b>				R
	Bill No. 2 Alterations				



		Brought Forward		R
		<b><u>saw cut into, breaking up and removing concrete surface beds to install new drain &amp; 50mm PVC pipes (drains and pipes elsewhere measured)</u></b>		
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			
		<b><u>OPENINGS THROUGH EXISTING WALLS ETC</u></b>		
		<b><u>Altering openings</u></b>		
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			
		<b>Carried Forward</b>		
Bill No. 2 Alterations				R

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>									
									<b>R</b>
<b><u>Altering security gate,screens, panels</u></b>									
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							
<b>Carried Forward</b>									<b>R</b>
Bill No. 2 Alterations									

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			<b>R</b>
	<b><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></b>			
56	Opening to accommodate disable lift doorway 1000 x 2100mm 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 2100mm 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			
	<b>Carried to Summary</b>			<b>R</b>
Bill No. 2 Alterations				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 3</u></b></p> <p><b><u>EARTHWORKS</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>Nature of material to be excavated</u></b></p> <p>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"</p> <p><b><u>Carting away of excavated material</u></b></p> <p>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</p> <p><b><u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u></b></p> <p><u>Excavation in earth not exceeding 2m deep</u></p>			
1	<p>Reduce levels under floors</p> <p style="margin-left: 40px;">A : 0      B : 0      C : 0      D : 0</p> <p style="margin-left: 40px;">E : 0      F : 0      G : 0      H : 0</p> <p style="margin-left: 40px;">I : 0      J : 0      K : 2      L : 3</p> <p style="margin-left: 40px;">M : 1      N : 3      O : 3      P : 3</p> <p style="margin-left: 40px;">Q : 3      R : 3      S : 3      T : 7</p> <p style="margin-left: 40px;">U : 5      V : 2</p>	m3	38	
	<b>Carried Forward</b>			R
	Bill No. 3 Earthworks			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>				R
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				
	<b><u>Extra over trench and hole soft excavations for</u></b>				
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				
	<b>Carried Forward</b>				R
	Bill No. 3 Earthworks				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>						R
<b><u>Extra over all excavations for carting away</u></b>						
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				
<b><u>Risk of collapse of excavations</u></b>						
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				
<b><u>Keeping excavations free from water</u></b>						
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				
<b><u>FILLING, ETC</u></b>						
				<b>Carried Forward</b>		R
Bill No. 3 Earthworks						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward							
						R	
<b><u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 98% Mod AASHTO density</u></b>							
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						
<b><u>Earth filling G5 supplied by the contractor compacted to 95% Mod AASHTO density</u></b>							
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						
<b><u>Earth filling G3 supplied by the contractor compacted to 98% Mod AASHTO density</u></b>							
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						
<b>Carried Forward</b>						R	
Bill No. 3 Earthworks							

Brought Forward

R

**Earth filling supplied by the Contractor compacted to 98% Mod AASHTO density**

13	Gravel G2 base course in 150mm layers finished to falls and cross falls	m3	51
	A : 2      B : 0      C : 0      D : 0		
	E : 0      F : 0      G : 0      H : 0		
	I : 0      J : 0      K : 2      L : 4		
	M : 7      N : 4      O : 2      P : 4		
	Q : 3      R : 6      S : 7      T : 5		
	U : 3      V : 3		

**Course river sand filling supplied by the contractor compacted in 150mm layers to 95% Mod AASHTO density**

14	50mm thick dry, clean, washed riversand layer evenly spread over filling (elsewhere), leveled, watered and rammed to receive waterproof membrane (elsewhere) under solid floors.	m2	254
	A : 9      B : 0      C : 0      D : 0		
	E : 0      F : 0      G : 0      H : 0		
	I : 0      J : 0      K : 9      L : 22		
	M : 33      N : 20      O : 8      P : 22		
	Q : 14      R : 32      S : 33      T : 25		
	U : 14      V : 14		

**Compaction of surfaces**

15	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2	208
	A : 9      B : 0      C : 0      D : 0		
	E : 0      F : 0      G : 0      H : 0		
	I : 0      J : 0      K : 9      L : 6		
	M : 33      N : 11      O : 8      P : 21		
	Q : 16      R : 32      S : 33      T : 25		
	U : 6      V : 0		

**PROTECTION AGAINST TERMITES**

Carried Forward

R

Bill No. 3  
Earthworks



		Brought Forward						R
	<b><u>Soil insecticide</u></b>							
16	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming					m2	240	
	A : 9	B : 0	C : 0	D : 0				
	E : 0	F : 0	G : 0	H : 0				
	I : 0	J : 0	K : 9	L : 22				
	M : 33	N : 20	O : 8	P : 22				
	Q : 16	R : 32	S : 33	T : 25				
	U : 13	V : 0						
		<b>Carried to Summary</b>						R
Bill No. 3 Earthworks								

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 4</u></b>			
	<b><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></b>			
	<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			
	<b><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>			
	<b><u>25Mpa/6mm concrete</u></b>			
1	Surface beds cast in panels to falls and currents to raise floor level	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			
	<b><u>25Mpa/19mm concrete</u></b>			
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			
	<b><u>REINFORCED CONCRETE</u></b>			
	<b>Carried Forward</b>			
	Bill No. 4 Concrete, formwork and reinforcement			R

Brought Forward						R
<b><u>25 MPa/ 19mm Concrete poured around reinforcement:</u></b>						
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				
<b><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>						
<b><u>25 MPa/ 19mm Concrete poured around reinforcement:</u></b>						
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						



		Brought Forward			R
	<b><u>Smooth formwork to sides</u></b>				
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				
	<b><u>Boxing out smooth formwork to form</u></b>				
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				
	<b><u>MOVEMENT JOINTS, ETC.</u></b>				
	<b><u>Vertical joggle construction joints through concrete including one coat thick cement slurry and one coat Bitumen paint to one face</u></b>				
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				
	<b><u>10mm Jointex between vertical concrete and brick surfaces</u></b>				
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				
	<b>Carried Forward</b>				R
	Bill No. 4				
	Concrete, formwork and reinforcement				

		Brought Forward		R
<b><u>Saw cut joints:</u></b>				
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			
<b><u>REINFORCEMENT</u></b>				
<b><u>Fabric reinforcement</u></b>				
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			
<b>Carried to Summary</b>				R
Bill No. 4 Concrete, formwork and reinforcement				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 5</u></b></p> <p><b><u>MASONRY</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>BRICKWORK</u></b></p> <p><b><u>Sizes in descriptions</u></b></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall be the length and "half brick" the width of a brick</p> <p><b><u>Cement mortar</u></b></p> <p>Unless otherwise described, all brickwork shall be built in 1:5 cement mortar</p> <p><b><u>External walls, etc</u></b></p> <p>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</p> <p>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 "Brixal" bitumen emulsion waterproofing coating</p> <p><b><u>Face bricks</u></b></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p>			
	<b>Carried Forward</b>		R	
	Bill No. 5 Masonry			

Brought Forward				R
<b><u>Pointing</u></b>				
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc				
<b><u>Samples, etc</u></b>				
Rates for brickwork, faced brickwork, etc shall include for all required samples				
<b><u>BRICKWORK</u></b>				
<b><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in foundations (Provisional)</u></b>				
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		
<b><u>Brickwork of NFP bricks</u></b>				
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		
<b>Carried Forward</b>				R
Bill No. 5 Masonry				



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			<b>R</b>
4	One and a half 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: 1      R: 0      S: 0      T: 0			
	U: 0      V: 0			
	<b><u>BRICKWORK SUNDRIES</u></b>			
	<b><u>Cutting toothings to join new brickwork with old brickwork</u></b>			
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			
	<b><u>Joint forming material in movement joints</u></b>			
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			
	<b><u>Brickwork reinforcement</u></b>			
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			
	<b>Carried Forward</b>			<b>R</b>
	Bill No. 5 Masonry			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		<b>Brought Forward</b>		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			
	<b><u>"Type A.P.S" prestressed fabricated lintels</u></b>			
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			
	<b><u>Turning pieces to lintels etc</u></b>			
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			
	<b><u>Galvanised hoop iron cramps, ties, etc</u></b>			
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			
	<b><u>FACE BRICKWORK</u></b>			
	<b>Carried Forward</b>			R
	Bill No. 5 Masonry			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward							
	<b><u>" Face bricks at (PC Amount R 7000/1000 delivered to site) with recessed horizontal and vertical joints.</u></b>						R
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						
	<b><u>Brick-on-edge header course copings, sills, etc pointed with recessed joints on all exposed faces</u></b>						
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						
	<b>Carried to Summary</b>						R
	Bill No. 5 Masonry						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 6</u></b></p> <p><b><u>WATERPROOFING</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Waterproofing</u></b></p> <p>Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs</p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b></p> <p><b><u>One layer of 250 micron USB green waterproof sheeting sealed at laps with pressure sensitive tape</u></b></p>			
1	<p>Under surface beds</p> <p style="margin-left: 40px;">A : 9      B : 0      C : 0      D : 0</p> <p style="margin-left: 40px;">E : 0      F : 0      G : 0      H : 0</p> <p style="margin-left: 40px;">I : 0      J : 0      K : 9      L : 22</p> <p style="margin-left: 40px;">M : 33      N : 21      O : 8      P : 22</p> <p style="margin-left: 40px;">Q : 14      R : 37      S : 33      T : 25</p> <p style="margin-left: 40px;">U : 13      V : 6</p> <p><b><u>JOINT SEALANTS, ETC</u></b></p>	m2	250	
	<b>Carried Forward</b>		R	
	Bill No. 6 Waterproofing			

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ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>				
					R
	<b><u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u></b>				
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				
	<b>Carried to Summary</b>				
	Bill No. 6 Waterproofing				R

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 7</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Particle board:</u></b></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><b><u>Joinery:</u></b></p> <p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p><b><u>Fixing</u></b></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p><b><u>Decorative laminate finish:</u></b></p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><b><u>ROOF CONSTRUCTION</u></b></p> <p><b><u>PRETREATMENT OF TIMBER</u></b></p> <p>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.</p>			
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry & Joinery			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				Brought Forward		R
<b><u>ROOFS, ETC</u></b>						
<b><u>Sawn softwood</u></b>						
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				
				<b>Carried Forward</b>		R
Bill No. 7 Carpentry & Joinery						

Brought Forward									
									R
<b><u>ROOF SUNDRIES</u></b>									
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							
<b><u>SKIRTINGS</u></b>									
<b><u>Wrought meranti</u></b>									
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							
<b><u>DOORS, ETC</u></b>									
<b><u>Wrot meranti "BB" doors hung to steel frames:</u></b>									
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							
<b>Carried Forward</b>									R
Bill No. 7 Carpentry & Joinery									



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>							
						<b>R</b>	
<b><u>Refixing of existing doors, windows, etc (removal and setting aside elsewhere)</u></b>							
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					
<b><u>STOCK FRAMES IN WROT MERANTI</u></b>							
<b><u>Single rebated Meranti door frame suitable for half brick wall</u></b>							
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					
<b>Carried Forward</b>						<b>R</b>	
Bill No. 7 Carpentry & Joinery							

DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

Brought Forward				R
<b><u>Double rebated Meranti door frame suitable for one brick wall</u></b>				
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			
<b><u>WALL CAPPING IN WROT MERANTI</u></b>				
<b><u>Wrot meranti</u></b>				
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			
<b><u>EAVES, VERGES, ETC.</u></b>				
Carried Forward				R
Bill No. 7 Carpentry & Joinery				

	Brought Forward				R
16	<p><b><u>Everite FC77 "or equal approved" pressed fibre-cement:</u></b></p> <p>10 x 225mm Fascia boards including galvanized steel H-profile jointing strips.</p> <p style="text-align: center;">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</p> <p><b><u>CUPBOARDS TO KITCHENS, BEDROOMS, ETC</u></b></p> <p>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</p> <p>Prices are to include for all necessary filler pieces against walls etc</p> <p><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></p> <p><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></p> <p><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></p> <p><u>Doors are to be hung on self closing adjustable hinges</u></p> <p><u>Doors are to be fitted with brushed aluminium handles to architect's approval</u></p> <p><u>Where described as "locakable: doors and drawes are to be fitted with quality cylinder cupboard locks with necked barrel bolts to double doors to architects approval</u></p>	m	3		
	<b>Carried Forward</b>				R
	<p>Bill No. 7 Carpentry &amp; Joinery</p>				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			<b>R</b>
	<b><u>Vanity cupboards etc</u></b>			
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			
	<b>Carried to Summary</b>			<b>R</b>
	Bill No. 7 Carpentry & Joinery			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 8</u></b></p> <p><b><u>CEILING, PARTITIONS AND ACCESS FLOORING</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>Descriptions</u></b></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p><b><u>CEILING, ETC</u></b></p> <p><b><u>NAILED UP CEILING</u></b></p> <p><b><u>"Rhino" gypsum plasterboard cornices</u></b></p>			
1	<p>75mm Coved cornices</p> <p style="margin-left: 40px;">A : 0      B : 10      C : 10      D : 0</p> <p style="margin-left: 40px;">E : 0      F : 0      G : 0      H : 10</p> <p style="margin-left: 40px;">I : 0      J : 0      K : 0      L : 0</p> <p style="margin-left: 40px;">M : 0      N : 0      O : 0      P : 0</p> <p style="margin-left: 40px;">Q : 0      R : 0      S : 0      T : 0</p> <p style="margin-left: 40px;">U : 0      V : 0</p>	m	31	
	<b>Carried Forward</b>			R
	<p>Bill No. 8 Ceilings, Partitions And Access Flooring</p>			

		Brought Forward		R
		<b><u>6 mm Thick Everite - Nutec "or equal approved" fibre cement ceiling with H-profile PVC jointing strips</u></b>		
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			
		<b><u>W-shaped aliminium shadowline cornices</u></b>		
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			
		<b><u>INSULATION</u></b>		
		<b><u>75 mm Thick Isotherm "or equal approved" mineral fibre insulation</u></b>		
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			
		<b>Carried to Summary</b>		
Bill No. 8				R
Ceilings, Partitions And Access Flooring				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 9</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>Finishes to ironmongery</u></b></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list</p> <p>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</p> <p><b><u>Fixing</u></b></p> <p>Descriptions of wall mounted and floor standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories</p> <p>Descriptions of proprietary items shall be deemed to include fixing in position and all fixing accessories as specified by the manufacturer</p>			
	<b>Carried Forward</b>		R	
	Bill No. 9 Ironmongery			





**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>				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			
	<b><u>HANDLES</u></b>			
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			
	<b>Carried Forward</b>			R
	Bill No. 9 Ironmongery			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>			R	
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						
	<b><u>DOOR CLOSERS</u></b>							
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						
	<b><u>PUSH AND KICKING PLATES</u></b>							
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						
					<b>Carried Forward</b>			R
	Bill No. 9	Ironmongery						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>						R
<b><u>LETTERS, NAMEPLATES, ETC</u></b>						
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					
<b>Carried Forward</b>						R
Bill No. 9 Ironmongery						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			R
17	<p>300 x 300mm Anodised aluminium plate with the international symbol of accessibility for disabled persons.</p> <p style="margin-left: 40px;">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</p>	No	4	
18	<p>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</p> <p style="margin-left: 40px;">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</p> <p><b><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></b></p>	No	1	
19	<p>Plate with five letters or numerals</p> <p style="margin-left: 40px;">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</p>	No	2	
20	<p>Plate with six to ten letters or numerals</p> <p style="margin-left: 40px;">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</p>	No	2	
	<b>Carried Forward</b>			R
	Bill No. 9 Ironmongery			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>		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					
<b><u>BATHROOM FITTINGS</u></b>						
<b><u>Franke "or equal approved"</u></b>						
23	STRX671 "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					
				<b>Carried Forward</b>		R
Bill No. 9 Ironmongery						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>			R
26	STRX607 "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						
				<b>Carried Forward</b>			R
Bill No. 9 Ironmongery							



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 10</u></b></p> <p><b><u>METALWORK</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>Descriptions</u></b></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork of concrete</p> <p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p><b><u>GRADE 304 STAINLESS STEEL HANDRAILS, BALUSTRADES, ETC (PROVISIONAL)</u></b></p>			
	<b>Carried Forward</b>		R	
	Bill No. 10 Metalwork			



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>		R
<b><u>Interlink ball type system welded and bolted balustrades to ramps</u></b>		
1	<p>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</p> <p style="text-align: right;">m</p> <p style="text-align: right;">60</p> <p style="margin-left: 40px;">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</p>	
2	<p>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</p> <p style="text-align: right;">m</p> <p style="text-align: right;">170</p> <p style="margin-left: 40px;">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</p>	
3	<p>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</p> <p style="text-align: right;">m</p> <p style="text-align: right;">5</p> <p style="margin-left: 40px;">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</p>	
<b>Carried Forward</b>		R
Bill No. 10 Metalwork		

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>							
4	Extra over 50mm rail for 90 degree bend	No	12				R
	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						
<b>Carried Forward</b>							R
Bill No. 10 Metalwork							

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>										
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									
	<b><u>Welded and bolted handrails to walls</u></b>									
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									
	<b><u>GALVANISED PRESSED STEEL DOOR FRAMES</u></b>									
	<b><u>1,6mm Double rebated frames with brass nylon hinges suitable for half brick walls</u></b>									
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									
	<b><u>ALUMINIUM FRAMED AND UNFRAMED SHOWER CUBICLE PANELS AND DOORS ETC</u></b>									
	<b>Carried Forward</b>									
	Bill No. 10 Metalwork									

		Brought Forward		R
	<p><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></p>			
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			
	<p><b><u>ALUMINIUM SHOPFRONTS, WINDOWS, DOORS, ETC</u></b></p>			
	<p><b><u>Natural anodized, aluminium door, glazed with 6.5mm laminated safety glass plugged to brickwork or concrete with silicon all around</u></b></p>			
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			
	<b>Carried to Summary</b>			
	Bill No. 10			R
	Metalwork			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 11</u></b></p> <p><b><u>PLASTERING</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>GRANOLITHIC</u></b></p> <p><u>Method</u></p> <p>The method to be used shall be either the monolithic method or the bonded method</p> <p><u>Preparation</u></p> <p>For granolithic applied monolithically, the concrete floor shall be swept clean after bleeding of the concrete has ceased and the slab has begun to stiffen; any remaining bleed water shall be removed and the granolithic applied immediately thereafter. For granolithic to be bonded to the floor slab after it has hardened, the slab surface shall be hacked (preferably by mechanical means) until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. The slab shall then be wetted and kept damp for at least six hours before applying the granolithic</p> <p><u>Mix</u></p> <p>Granolithic shall attain a compressive strength of at least 41MPa. The coarse aggregate shall comply with SANS 1083 and shall generally be capable of passing a 10mm mesh sieve. Where the thickness of the granolithic exceeds 25mm, the size of the coarse aggregate shall be increased to the maximum size compatible with the thickness of the granolithic</p> <p><u>Panels</u></p> <p>Granolithic shall be laid in panels not exceeding 14m<sup>2</sup> for monolithic finishes, not exceeding 9,5m<sup>2</sup> for bonded finishes and not exceeding 6m<sup>2</sup> for all external granolithic. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width</p>			
	<b>Carried Forward</b>		R	
	Bill No. 11 Plastering			

	<b>Brought Forward</b>			R																								
	<p>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</p> <p><u>Laying</u></p> <p>Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels</p> <p>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</p> <p>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</p> <p><u>Curing, seasoning and protection</u></p> <p>Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying</p> <p><u>Colour</u></p> <p>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</p> <p><b><u>SCREEDS</u></b></p> <p><b><u>Screeds on concrete</u></b></p> <p>1 30mm Thick on floors to falls and currents <span style="float: right;">m2</span></p> <table style="width: 100%; margin-left: 20px;"> <tr> <td>A : 0</td> <td>B : 0</td> <td>C : 0</td> <td>D : 2</td> </tr> <tr> <td>E : 10</td> <td>F : 5</td> <td>G : 0</td> <td>H : 0</td> </tr> <tr> <td>I : 0</td> <td>J : 0</td> <td>K : 0</td> <td>L : 0</td> </tr> <tr> <td>M : 0</td> <td>N : 0</td> <td>O : 0</td> <td>P : 0</td> </tr> <tr> <td>Q : 0</td> <td>R : 0</td> <td>S : 0</td> <td>T : 0</td> </tr> <tr> <td>U : 0</td> <td>V : 26</td> <td></td> <td></td> </tr> </table> <p><b><u>GRANOLITHIC</u></b></p>	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			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																											
	<b>Carried Forward</b>			R																								
	Bill No. 11 Plastering																											

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS 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					
<b><u>INTERNAL PLASTER</u></b>						
<b><u>Cement plaster on brickwork</u></b>						
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					
<b><u>EXTERNAL PLASTER</u></b>						
<b><u>Cement plaster on brickwork</u></b>						
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						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			R
6	On narrow widths	m2	49	
	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			
	<b><u>Dividing strips, etc.</u></b>			
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			
	<b>Carried to Summary</b>			R
Bill No. 11 Plastering				



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 12</u></b>			
	<b><u>TILING</u></b>			
	<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			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Descriptions</u></b>			
	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			
	<b><u>WALL TILING</u></b>			
	<b><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></b>			
1	On walls <div style="margin-left: 20px;"> 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 </div>	m2		144
2	On narrow widths <div style="margin-left: 20px;"> 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 </div>	m2		4
	<b>Carried Forward</b>			R
	Bill No. 12 Tiling			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILTY FOR PERSONS WITH DISABILITIES**

		<b>Brought Forward</b>						<b>R</b>
		<b><u>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</u></b>						
3	On walls				m2	38		
	A : 0	B : 20	C : 0	D : 0				
	E : 18	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						
		<b><u>'Genesis" or equal approved</u></b>						
4	Aliminium straight edge or corner trim				m	53		
	A : 0	B : 29	C : 6	D : 0				
	E : 7	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						
		<b><u>FLOOR TILING</u></b>						
		<b><u>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</u></b>						
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						
		<b>Carried Forward</b>						<b>R</b>
Bill No. 12 Tiling								

DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

Brought Forward							
<b><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></b>							R
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						
<b><u>Genesis "or equal approved"</u></b>							
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						
<b>Carried to Summary</b>							R
Bill No. 12 Tiling							

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 13</u></b></p> <p><b><u>PLUMBING AND DRAINAGE</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>"Polycop" polypropylene pipes:</u></b></p> <p>Polypropylene pipes 54mm diameter and under shall be seamless copper coloured class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper pipes as stated</p> <p>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</p> <p>All pipe diameters are nominal external</p> <p><b><u>uPVC pipes and fittings:</u></b></p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><b><u>uPVC pressure pipes and fittings:</u></b></p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>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</p>			
	<b>Carried Forward</b>		R	
	Bill No. 13 Plumbing and Drainage			

<p style="text-align: center;"><b>Brought Forward</b></p> <p><b><u>Copper pipes:</u></b></p> <p>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</p> <p><b><u>Fixing of pipes</u></b></p> <p><b>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</b></p> <p><b><u>Reducing fittings</u></b></p> <p>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</p> <p><b><u>Exposed concrete surfaces</u></b></p> <p>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</p> <p><b><u>Excavations</u></b></p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>"Soft rock" and "hard rock" shall be as defined in "Earthworks"</p>	<p>R</p>
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Bill No. 13 Plumbing and Drainage</p>	<p>R</p>

	<b>Brought Forward</b>			<b>R</b>																								
	<p><b><u>Laying, backfilling, bedding, etc. of pipes</u></b></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>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</p> <p><b><u>Flush pans</u></b></p> <p>Flush pans shall have straight or side outlets and "P" or "S" traps as necessary</p> <p><b><u>Stainless steelbasins, sinks, wash troughs, urinals, etc.</u></b></p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p> <p><b><u>Waste unions</u></b></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</p> <p><b><u>RAINWATER DISPOSAL</u></b></p> <p><b><u>0.8mm Aluminium with "Colourtech G4" finish</u></b></p>																											
1	<p>125 x 75mm OGEE seamless eaves gutters</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">A : 0</td> <td style="width: 25%;">B : 3</td> <td style="width: 25%;">C : 0</td> <td style="width: 25%;">D : 0</td> </tr> <tr> <td>E : 0</td> <td>F : 0</td> <td>G : 0</td> <td>H : 0</td> </tr> <tr> <td>I : 0</td> <td>J : 0</td> <td>K : 0</td> <td>L : 0</td> </tr> <tr> <td>M : 0</td> <td>N : 0</td> <td>O : 0</td> <td>P : 0</td> </tr> <tr> <td>Q : 0</td> <td>R : 0</td> <td>S : 0</td> <td>T : 0</td> </tr> <tr> <td>U : 0</td> <td>V : 0</td> <td></td> <td></td> </tr> </table>	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			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																											
	<b>Carried Forward</b>			<b>R</b>																								
	<p>Bill No. 13 Plumbing and Drainage</p>																											

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>							
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						
<b>Carried Forward</b>							R
Bill No. 13 Plumbing and Drainage							

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>						
7	Extra over rainwater downpipe for shoe	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						
	<b><u>SANITARY FITTINGS</u></b>						
	<b><u>Vaal "or equal approved"</u></b>						
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						
	<b>Carried Forward</b>						
	Bill No. 13 Plumbing and Drainage						R



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>				R
<b><u>Re-fixing previously removed sanitary fittings including taps and connect to new pipes"</u></b>				
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			
<b><u>WASTE UNIONS, ETC</u></b>				
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			
<b>Carried Forward</b>				R
Bill No. 13 Plumbing and Drainage				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		Brought Forward		R
<b><u>TRAPS, ETC</u></b>				
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			
<b><u>"Grade 316 Stainless Steel" floor drain with tamper-proof Beta lid and horizontal outlet pipe</u></b>				
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			
<b><u>TAPS, VALVES, ETC</u></b>				
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 Boston shower column code TVSH 9928/CH "or equal approved" including 3 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			
		<b>Carried Forward</b>		R
Bill No. 13 Plumbing and Drainage				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward							
						R	
<b><u>Sundries</u></b>							
19	Stainless steel and aluminium heavy duty fixed fold down seat with non-slip surface with pelvic belt fixed to 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					
20	15 mm CP braided flexible hose connector			No	18		
	A : 0	B : 4	C : 4	D : 2			
	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					
21	15 mm CP ballcock shut-off valve with screw type control			No	18		
	A : 0	B : 4	C : 4	D : 2			
	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					
22	15mm code 503-21R "or equal approved" CP elbow action pillar cock			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					
<b><u>SANITARY PLUMBING</u></b>							
Carried Forward						R	
Bill No. 13 Plumbing and Drainage							

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>		<b>R</b>
<b><u>uPVC pipes</u></b>						
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				
<b><u>Extra over uPVC pipes for uPVC fittings</u></b>						
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				
				<b>Carried Forward</b>		<b>R</b>
<b>Bill No. 13 Plumbing and Drainage</b>						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>			<b>R</b>
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					
				<b>Carried Forward</b>			<b>R</b>
Bill No. 13 Plumbing and Drainage							

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

				<b>Brought Forward</b>			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					
	<b><u>Sundries</u></b>						
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					
	<b><u>INTERNAL WATER SUPPLY</u></b>						
				<b>Carried Forward</b>			R
	Bill No. 13	Plumbing and Drainage					

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward					R
<b><u>Class 2 copper pipes</u></b>					
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			
<b><u>Extra over class 2 copper pipes for fittings</u></b>					
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			
<b>Carried Forward</b>					R
Bill No. 13 Plumbing and Drainage					

				<b>Brought Forward</b>			<b>R</b>
<b><u>Sundries</u></b>							
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					
<b><u>EXTERNAL WATER RETICULATION</u></b>							
<b><u>Class 12 uPVC pressure pipes</u></b>							
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					
<b><u>Extra over uPVC pressure pipes for solvent welded pressure fittings</u></b>							
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					
<b><u>Sundries</u></b>							
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					
				<b>Carried Forward</b>			<b>R</b>
Bill No. 13 Plumbing and Drainage							



Brought Forward				R
<b><u>REPOSITIONING WATER TANK, ETC.</u></b>				
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			
<b><u>BREAKING DOWN EXISTING MANHOLE AND CONSTRUCTING NEW</u></b>				
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			
<b><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></b>				
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			
<b>Carried to Summary</b>				R
Bill No. 13 Plumbing and Drainage				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No	Quantity	Rate	Amount
<p><b><u>BILL No. 14</u></b></p> <p><b><u>ELECTRICAL WORK</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>PREAMBLES</u></b></p> <p>All equipment, electrical materials or methods of installation shall comply fully with SABS 0142-1 as published December 2001</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>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</p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>ELECTRICAL INSTALLATION</u></b></p> <p><b><u>Schedule of information</u></b></p> <p>Tenderers are advised that information schedules are included with the project specifications. These schedules must be completed and submitted with the Tenders.</p> <p><b><u>Labelling &amp; Colour Coding</u></b></p> <p>The cost of labelling and colour coding must be included within the prices of the respective equipment.</p>			
			R
		<b>Carried Forward</b>	
Bill No. 14 Electrical Work (Provisional)			

	<b>Brought Forward</b>			<b>R</b>
	<p><b><u>Fixing of conduits</u></b></p> <p>The fixing of conduits shall be as follows</p> <p>a) Build in conduits in wall chases with cement mortar and clamps</p> <p>b) Fix conduits on wall surfaces and in roof spaces with approved saddles</p> <p>c) Cast conduit in concrete surface beds or slabs</p> <p>d) Do surface fixing level, plumb, neatly and in straight line by means of standard spacer saddles</p> <p><b><u>Chasing</u></b></p> <p>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</p> <p>Chasing and making good have not been measured separately and shall be deemed to be included in the descriptions of conduiting</p> <p><b><u>Laying of electric cables</u></b></p> <p>Excavate 600mm below finished ground level</p> <p>Encase the installed cable in river sand or sifted sand</p> <p>Mark the cable route with approved concrete cable markers</p> <p><b><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></b></p>			
1	<p>Cut metal cover to accommodate new circuit breakers (circuit breakers elsewhere measured)</p>	No	6	
	<b>Carried Forward</b>			<b>R</b>
	<p>Bill No. 14 Electrical Work (Provisional)</p>			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>			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
<b><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></b>			
4	Surface mounted 8 ways IP55 distribution board size 270 x 140mm for vertical lifts	No	2
<b><u>Distribution boards - Supply and install circuit breakers with 5kA rating as per departments specification</u></b>			
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
<b><u>LIGHTING AND SMALL POWER</u></b>			
<b>Carried Forward</b>			R
Bill No. 14 Electrical Work (Provisional)			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

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

Brought Forward		R
<b><u>LIGHT SWITCHES, SWITCHED SOCKET OUTLETS, ETC.</u></b>		
<b><u>Switches, etc complete with cover plates fixed in flush boxes</u></b>		
30	16A One-lever one-way switch IP55	No 2
31	16A Double three-pin switched socket outlet SANS 164-1 & SANS 164-2, each rated at 16A,IP55	No 2
32	Hanger EE815 "or equal approved" 360 degrees Occupancy/Motion and Presence detection sensor 230V/16A/AC1 or similar approved by Principal Agent	No 15
<b><u>LUMINAIRES AND EQUIPMENT</u></b>		
<b><u>Luminaires or equipment complete with lamps, connection, including all switchgear, starters, ballasts, etc. All fittings to bear the SANS or SABS mark of compliance and mounted in position</u></b>		
33	20W LED round bulkhead light fitting rated at 7000Ma, Colour rendering: 4000k, Colour Black	No 25
<b><u>DISABLE TOILET EMERGENCY ALARM SYSTEM</u></b>		
34	Disable toilet alarm system complete, including ceiling pullcord, overdoor light, remote reset button with 12V power supply unit	Item
<b><u>SUNDRIES</u></b>		
35	Supply and install 1500mm SABS Grade A earth spike. Testing and commissioning of complete lighting protection system.	Item
<b><u>STRIPPING AND REMOVAL OF EXISTING ELECTRICAL INSTALLATION</u></b>		
36	Allow for the stripping and removal of existing light fittings, light switched, etc as per the above specification	Item
Carried Forward		R
Bill No. 14 Electrical Work (Provisional)		

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	Brought Forward		R
	<b><u>TESTING AND COMMISSIONING</u></b>		
37	Allow for testing, balancing and commissioning the complete electrical installation	Item	
	<b><u>BUDGETARY ALLOWANCE</u></b>		
38	Allow the NET Provisional Sum of R50,000.00 ( Fifty Thousand Rand) for any unforeseen Electrical work not in specification above	Item	50,000.00
39	Add for profit on the above if required		%
40	Allow for attendance		%
	<b>Carried to Summary</b>		R
	Bill No. 14 Electrical Work (Provisional)		

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No	Quantity	Rate	Amount
<p><b><u>BILL No. 15</u></b></p> <p><b><u>MECHANICAL INSTALLATION</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>The descriptions of items in this Bill 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 attached to these bills of quantities for the full descriptions and complete specifications</p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><b><u>Schedule of information</u></b></p> <p>Tenderers are advised that information schedules are included with the project specifications. These schedules must be completed and submitted with the Tenders.</p> <p><b><u>Labelling and Colour Coding</u></b></p> <p>The cost of labelling and colour coding must be included within the prices of the respective items.</p> <p><b><u>Pricing schedule</u></b></p> <p>The pricing of schedule to be based on the exchange rate for Euro on the date of advertisement. Should currency vary on date of award this price will be adjusted accordingly</p>			
<p><b>Carried Forward</b></p>		R	
<p>Bill No. 15 Mechanical Installation</p>			



<b>Brought Forward</b>		<b>R</b>
<b><u>Wheelchair Platform Lift</u></b>		
1	<p>Supply and install a "Vimec" V-64 "or equal approved" rack &amp; pinion wheelchair platform lifts with 300kg carrying capacity up to 45 degrees, 4m/min speed, 5000mm travel height, 2 stop, front &amp; rear entrance. Control system 1 phase, 220V power supply and power consumption of 1.5Kw complying with SANS 1545-3 Large platform size 1050 x 770mm with emergency stop button. Stairlift shall be complete unit with guide rails (straight rails, rail length to be suitable for staircase comprising seventeen steps) With the following optionals: Protective cover, automated platform folding device, special size platform, sound signal for movement, blinking light signal, foldable seat, ,radio controls and retracting bars. Include labelling and nameplate according to SANS 1545-3. The wheelchair stair lift to be supplied as a package unit for installation, power supply shall be provided by others.</p>	No 1
2	<p>Supply and install a "Vimec" V-65 "or equal approved" rack &amp; pinion wheelchair platform stairlift or similar approved with 300kg carrying capacity minimum up to 45 degrees, 8m/m speed, 6500mm travel height, 2 stop, front &amp; rear entrance . Control system 1 phase, 220V power supply and power consumption of 1.5Kw complying with SANS 1545 Large platform size 1050X770mm with emergency stop button. Stair lift shall be complete unit with guide rail (straight rails and two 90 degree internal turns), rail length to be suitable for staircase comprising 16 steps, landing 4780x2670 and again 5 steps. With the following optionals: Protective cover, automated platform folding device, special size platform, sound signal for movement, blinking light signal, intermediate stops, foldable seat, retracting bars that fit into actual body of the machine, and radio controls. Including labelling and nameplate according to SANS 1545-3.  The wheelchair stair lift to be supplied as a package unit for installation. power supply by isolator shall be provided by others.</p>	No 1
<b>Carried Forward</b>		<b>R</b>
Bill No. 15 Mechanical Installation		

	<b>Brought Forward</b>			<b>R</b>
	<b><u>Wheelchair Vertical Lift</u></b>			
3	<p>Supply and install E-10 "or equal approved" Vertical platform lift with 2-stop, 400kg capacity, speed of 0.15m/sec, 3400mm travel height. One front entrance. Power supply Inverter, 1phase, 220V and power consumption of 2.2Kw.</p> <p>Shaft construction, shaft size 1700mm x 1700mm with pit height 140mm and headroom height 2900mm, Structural steel tower by contractor.</p> <p>Machinery geared, MRI, belt drive. Including Electromechanical locks, counterweight guide rails, guides and attachment (machined T70-1a sections) with polyamide (T12) ropes/belts.</p> <p>Car size: 1170 x 1460 x 2000mm, Door opening dimension 900 x 2000mm and raw opening height 1240 x 2240mm</p> <p>Finishes: Walls: left wall-full glass, opposite rails - full glass and C.O.P wall-grey similinox, Ceiling: similinox finish with standard LED bar, Floor: safestep series floor finish, Entrance door: Automatic 2 panel side opening doors.</p> <p>Car operating panel (C.O.P) and signal elements consisting of I-Button, emergency stop button, machine activation key, overload sensor, square button for floor selection.</p> <p>Accessibility and safety Electromechanical locks - car door safety device, Alarm bell, elevator announcer, emergency intercom and automatic landing door locking with car emergency lighting, emergency battery drive, emergency power drive.</p> <p>The vertical lift to be supplied as a package unit for installation, power by isolator by others</p>	No	2	
	<b><u>Commissioning, Maintenance, etc</u></b>			
	All tests and certificates in SANS 145-4 annexures must be submitted by contractor and the lift registered by the Department of Labour before Practical Completion			
4	Allow for commissioning and testing of the wheel chair platform and vertical lifts installation		Item	
5	Allow for 12 month maintenance and guarantee of the installation		Item	
	<b>Carried Forward</b>			<b>R</b>
	Bill No. 15 Mechanical Installation			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>		R
6	Allow for providing operating and maintenance manuals	Item	
7	Allow for preparation of mechanical and electrical workshop drawings	Item	
8	Allow for instruction to Building Management on the operation of the installation	Item	
<b>Carried to Summary</b>			
Bill No. 15 Mechanical Installation			R

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 16</u></b>			
	<b><u>GLAZING</u></b>			
	<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			
	<b><u>GLAZING TO STEEL WITH PUTTY</u></b>			
	<b><u>6mm Clear safety glass:</u></b>			
1	Panes exceeding 0,1m2 and not exceeding 0,5m2.	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			
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>			
	<b><u>4 mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u></b>			
2	Mirror 400 x 600 mm high with four screws	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			
	<b>Carried to Summary</b>			
	Bill No. 16 Glazing		R	

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No	Quantity	Rate	Amount
<p><b><u>BILL No. 17</u></b></p>			
<p><b><u>PAINTWORK</u></b></p>			
<p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p>			
<p>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</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p>			
<p><b><u>SABS Specifications</u></b></p>			
<p>Matt or eggshell decorative paint for interior works : SABS 515</p>			
<p>High gloss enamel paint : SABS 630 Grade I</p>			
<p>Oil gloss enamel paint : SABS 631</p>			
<p>Primers for wood for external work : SABS 678 Type I</p>			
<p>Primers for wood for internal work : SABS 678 Type III</p>			
<p>Zink chromate primers for steel : SABS 679 Type I</p>			
<p>Undercoats for paints (except emulsion paint) : SABS 681 Type I</p>			
<p>Aluminium paint : SABS 682 Grade II</p>			
<p>Roof paints : SABS 683 Type B</p>			
<p>Structural steel paint : SABS 684 Type B</p>			
<p>Wash primer (metal etch) : SABS 723</p>			
<p>Varnish for interior use : SABS 887 Type I</p>			
<p>Emulsion paints : SABS 1586</p>			
<p><b><u>PAINTWORK, ETC TO NEW WORK</u></b></p>			
<p><b><u>ON FLOATED PLASTER</u></b></p>			
<p align="right"><b>Carried Forward</b></p>			
<p>Bill No. 17 Paintwork</p>			
		R	

Brought Forward							
	<b><u>Prepare stop and apply, one undercoat and two coats "Kitchens &amp; Bathrooms" premium quality water-based enamel paint or similar approved:</u></b>						R
1	On internal floated plaster walls.	m2	20				
	A : 0      B : 0      C : 11      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						
	<b><u>Prepare and apply one undercoat and two coats "Wall &amp; All" or equal approved exterior quality emulsion paint or similar approved:</u></b>						
2	On external plastered walls.	m2	153				
	A : 0      B : 0      C : 0      D : 0						
	E : 0      F : 0      G : 0      H : 0						
	I : 0      J : 0      K : 4      L : 17						
	M : 29     N : 19     O : 4      P : 17						
	Q : 4      R : 29     S : 22     T : 0						
	U : 7      V : 1						
	<b><u>ON FIBRE CEMENT</u></b>						
	<b><u>One coat "Plascon Professional Plaster Primer (PP700)" or equal approved and two coats "Plascon Super Acrylic Matt (PEM900)" paint or equal approved</u></b>						
3	On internal ceilings	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						
	<b>Carried Forward</b>						R
	Bill No. 17 Paintwork						

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>			R
4	On fascias and barge boards	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			
	<b><u>ON WOOD</u></b>			
	<b><u>Prepare stop and apply, one undercoat and two coats "Velvagio" interior quality polyurethane paint or equal approved:</u></b>			
5	On doors.	m2	31	
	A: 0      B: 4      C: 4      D: 4			
	E: 8      F: 4      G: 0      H: 4			
	I: 0      J: 0      K: 4      L: 0			
	M: 0      N: 0      O: 0      P: 0			
	Q: 0      R: 0      S: 0      T: 0			
	U: 0      V: 0			
6	On door frames etc	m2	10	
	A: 0      B: 2      C: 2      D: 1			
	E: 2      F: 1      G: 0      H: 1			
	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			
7	On skirtings, rails, etc not exceeding 300 mm girth	m	9	
	A: 0      B: 4      C: 0      D: 0			
	E: 0      F: 3      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			
	<b><u>ON METAL</u></b>			
	<b>Carried Forward</b>			R
	Bill No. 17 Paintwork			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		Brought Forward		R
		<b><u>One coat galvanised iron cleaner (GIC1), one coat professional galvanised iron primer (PP1000) and two coats "Plascon Velvaglo Polyurethane Velvet Enamel VLO" or equal approved on:</u></b>		
8	On galvanised pressed steel door frames	m2	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			
		<b><u>SIGNWRITING</u></b>		
		<b><u>Yellow road marking paint on paving/bitumen</u></b>		
9	Line 100mm wide	m	59	
	A: 25      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: 34      V: 0			
10	Disable parking sign 1000 x 1000mm high	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: 2      V: 0			
		<b><u>PAINTWORK, ETC TO PREVIOUSLY PAINTED AREAS</u></b>		
		<b><u>ON FLOATED PLASTER</u></b>		
		Carried Forward		R
Bill No. 17 Paintwork				



DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

		Brought Forward		R
	<b><u>Prepare stop and apply, one undercoat and two coats "Velvaglio" interior quality polyurethane paint or equal approved:</u></b>			
11	On internal floated plaster walls.	m2	307	
	A : 0      B : 0      C : 43      D : 120			
	E : 120     F : 9      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			
	<b><u>Prepare and apply one undercoat and two coats "Wall &amp; All" exterior quality emulsion paint "or equal approved":</u></b>			
12	On external plastered walls.	m2	12	
	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 : 12			
	<b><u>ON PLASTER BOARD</u></b>			
	<b><u>One coat "Plascon Professional Plaster Primer (PP700)" or equal approved and two coats "Plascon Super Acrylic Matt (PEM900)" paint or equal approved</u></b>			
13	On ceilings and cornices	m2	101	
	A : 0      B : 5      C : 15      D : 0			
	E : 60     F : 21      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			
	<b><u>ON WOOD</u></b>			
	<b>Carried Forward</b>			R
	Bill No. 17 Paintwork			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward									
									R
	<b><u>Prepare stop and apply, one undercoat and two coats "Velvagio" interior quality polyurethane paint or equal approved:</u></b>								
14	On doors.	m2	21						
	A : 0      B : 4      C : 11      D : 0								
	E : 0      F : 4      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	On door frames etc	m2	3						
	A : 0      B : 0      C : 1      D : 0								
	E : 0      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								
	<b><u>ON METAL</u></b>								
	Surfaces shall be thoroughly rubbed and cleaned down. Battered or peeling paint shall be completely removed down to bare metal. Care is to be taken when rubbing down previously finished galvanized steelwork, not to damage or remove the galvanizing.								
	<b><u>Prepare, removing all rust to bright metal, spot priming bare metal surfaces with zinc chromate primer and apply one undercoat and two finishing coats enamel paint on previously painted steel in bad condition:</u></b>								
16	On gates, grilles, doors and screens	m2	11						
	A : 0      B : 0      C : 0      D : 0								
	E : 0      F : 0      G : 0      H : 0								
	I : 0      J : 0      K : 11      L : 0								
	M : 0      N : 0      O : 0      P : 0								
	Q : 0      R : 0      S : 0      T : 0								
	U : 0      V : 0								
	<b>Carried to Summary</b>								
	Bill No. 17 Paintwork								R

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 18</u></b></p> <p><b><u>EXTERNAL WORK</u></b></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>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</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Clearing under fence</u></b></p> <p>Rates for fencing are to include for clearing and removing all rubbish and vegetable soil and substance for minimum width of 1000mm and preparation of ground under fence by excavating or filling so as to maintain a minimum gap between bottom of fence and ground</p> <p>Before underground or excavation work is carried out, the Contractor shall ascertain the presence and position of all services, likely to be damaged or interfered with by his activities. He shall obtain updated plans from the Engineer for this purpose, showing the position of services in the area where he intends to work. As services can often not be reliably located from such plans, the Contractor shall determine the exact position of such services by means of suitable detecting equipment and afterwards by careful hand excavation where necessary in order to expose the services at the positions of possible interference by his activities. This procedure shall also be followed in respect of services not shown on the plans but believed to be present.</p> <p><b><u>ROAD WORKS (ROADS, PARKING, ASSEMBLY AREA AND WALKWAYS)</u></b></p>			
	<b>Carried Forward</b>		R	
	Bill No. 18 External works			

		Brought Forward		R
<b><u>Breaking up and removing bitumen premix road surface:</u></b>				
1	30mm Pre-mix road surface		m2	340
	A : 60      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 0      K : 0      L : 32			
	M : 36      N : 13      O : 8      P : 0			
	Q : 0      R : 47      S : 40      T : 106			
	U : 0      V : 0			
2	Edging/Barrier kerb including unreinforced concrete haunching at the back of each joint.		m	13
	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 : 6      N : 6      O : 0      P : 0			
	Q : 2      R : 0      S : 0      T : 0			
	U : 0      V : 0			
<b><u>SITE CLEARANCE</u></b>				
<u>User note</u>				
<i>Where the value is of significance, the removal of hedges etc shall be given separately in meters or in number</i>				
<b><u>Site clearance</u></b>				
3	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth		m2	21
	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 : 12      N : 9      O : 0      P : 0			
	Q : 0      R : 0      S : 0      T : 0			
	U : 0      V : 0			
<b><u>REMOVAL OF TREES ETC (WG 104)</u></b>				
		Carried Forward		R
Bill No. 18 External works				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Brought Forward							
							R
<b><u>Taking out and removing, grubbing up roots and filling in holes</u></b>							
4	Tree exceeding 200mm and not exceeding 500mm girth			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					
<b><u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u></b>							
<b><u>Open face excavation in earth over sloping site</u></b>							
5	Open face excavation			m3	89		
	A: 21	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: 21			
	Q: 0	R: 0	S: 0	T: 16			
	U: 32	V: 0					
<b><u>Excavation in earth not exceeding 2m deep</u></b>							
6	Reduce levels under floors			m3	41		
	A: 0	B: 0	C: 0	D: 0			
	E: 0	F: 0	G: 0	H: 0			
	I: 0	J: 41	K: 0	L: 0			
	M: 0	N: 0	O: 0	P: 0			
	Q: 0	R: 0	S: 0	T: 0			
	U: 0	V: 0					
7	Trenches			m3	1		
	A: 0	B: 0	C: 0	D: 0			
	E: 0	F: 0	G: 0	H: 0			
	I: 0	J: 1	K: 0	L: 0			
	M: 0	N: 0	O: 0	P: 0			
	Q: 0	R: 0	S: 0	T: 0			
	U: 0	V: 0					
<b>Carried Forward</b>							R
Bill No. 18 External works							

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Brought Forward</b>					R
<b><u>Extra over trench and hole soft excavations for</u></b>					
8	Intermediate excavation			m3	1
	A: 0	B: 0	C: 0	D: 0	
	E: 0	F: 0	G: 0	H: 0	
	I: 0	J: 1	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	Hard rock excavation			m3	2
	A: 0	B: 0	C: 0	D: 0	
	E: 0	F: 0	G: 0	H: 0	
	I: 0	J: 2	K: 0	L: 0	
	M: 0	N: 0	O: 0	P: 0	
	Q: 0	R: 0	S: 0	T: 0	
	U: 0	V: 0			
<b><u>Extra over all excavations for carting away</u></b>					
10	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor			m3	127
	A: 18	B: 0	C: 0	D: 0	
	E: 0	F: 0	G: 0	H: 0	
	I: 0	J: 41	K: 0	L: 0	
	M: 0	N: 0	O: 0	P: 21	
	Q: 0	R: 0	S: 0	T: 16	
	U: 32	V: 0			
<b><u>Risk of collapse of excavations</u></b>					
11	Sides of trench and hole excavations not exceeding 1,5m deep			m2	81
	A: 15	B: 0	C: 0	D: 0	
	E: 0	F: 0	G: 0	H: 0	
	I: 0	J: 28	K: 0	L: 0	
	M: 0	N: 0	O: 0	P: 12	
	Q: 0	R: 0	S: 0	T: 6	
	U: 20	V: 0			
<b>Carried Forward</b>					R
Bill No. 18					
External works					



**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

		<b>Brought Forward</b>		<b>R</b>
		<b><u>Earth filling G3 supplied by the contractor compacted to 98% Mod AASHTO density</u></b>		
16	Under floors, etc	m3	1	
	A : 0      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 1      K : 0      L : 0			
	M : 0      N : 0      O : 0      P : 0			
	Q : 0      R : 0      S : 0      T : 0			
	U : 0      V : 0			
		<b><u>Earth filling supplied by the Contractor compacted to 98% Mod AASHTO density</u></b>		
17	Gravel G2 base course in 150mm layers finished to falls and cross falls	m3	119	
	A : 14      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 51      K : 0      L : 0			
	M : 0      N : 0      O : 0      P : 18			
	Q : 0      R : 0      S : 0      T : 16			
	U : 20      V : 0			
		<b><u>Course river sand filling supplied by the contractor compacted in 150mm layers to 95% Mod AASHTO density</u></b>		
18	50mm thick dry, clean, washed riversand layer evenly spread over filling (elsewhere), leveled, watered and rammed to receive waterproof membrane (elsewhere) under solid floors.	m2	6	
	A : 0      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 6      K : 0      L : 0			
	M : 0      N : 0      O : 0      P : 0			
	Q : 0      R : 0      S : 0      T : 0			
	U : 0      V : 0			
		<b>Carried Forward</b>		<b>R</b>
Bill No. 18 External works				



**Brought Forward**

R

**Compaction of surfaces**

19	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2	540	
	A : 69      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 198      K : 0      L : 0			
	M : 0      N : 0      O : 0      P : 90			
	Q : 0      R : 0      S : 0      T : 81			
	U : 102      V : 0			

**PROTECTION AGAINST TERMITES**

**Soil insecticide**

20	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming	m2	591	
	A : 69      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 249      K : 0      L : 0			
	M : 0      N : 0      O : 0      P : 90			
	Q : 0      R : 0      S : 0      T : 81			
	U : 102      V : 0			

**Primer**

21	MC30 primer over ground or filling at a spread rate of 0.7 litre per square metre	m2	131	
	A : 23      B : 0      C : 0      D : 0			
	E : 0      F : 0      G : 0      H : 0			
	I : 0      J : 0      K : 0      L : 5			
	M : 8      N : 2      O : 0      P : 0			
	Q : 4      R : 4      S : 3      T : 81			
	U : 0      V : 0			

**Carried Forward**

R

Bill No. 18  
External works





**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>				
28	<p>63.5 x63.5 x 2.0mm flat closed cap</p> <p style="margin-left: 20px;">A : 1      B : 0      C : 0      D : 0</p> <p style="margin-left: 20px;">E : 0      F : 0      G : 0      H : 0</p> <p style="margin-left: 20px;">I : 0      J : 0      K : 0      L : 0</p> <p style="margin-left: 20px;">M : 0      N : 0      O : 0      P : 0</p> <p style="margin-left: 20px;">Q : 0      R : 0      S : 0      T : 0</p> <p style="margin-left: 20px;">U : 2      V : 0</p> <p><b><u>0.6mm gauge "chromadek" of equal approce with screened symbol as indicated with standard grey on reverse side, four times drilled for and screwed with galvanised M6 verandah bolts to steel angles</u></b></p>	No	3		R
29	<p>300 x 300mm " disabled sign" with white border and pictogramme and dark green background</p> <p style="margin-left: 20px;">A : 1      B : 0      C : 0      D : 0</p> <p style="margin-left: 20px;">E : 0      F : 0      G : 0      H : 0</p> <p style="margin-left: 20px;">I : 0      J : 0      K : 0      L : 0</p> <p style="margin-left: 20px;">M : 0      N : 0      O : 0      P : 0</p> <p style="margin-left: 20px;">Q : 0      R : 0      S : 0      T : 0</p> <p style="margin-left: 20px;">U : 2      V : 0</p>	No	3		
30	<p>300 x 300mm " parking sign" with white border and pictogramme and dark green background</p> <p style="margin-left: 20px;">A : 1      B : 0      C : 0      D : 0</p> <p style="margin-left: 20px;">E : 0      F : 0      G : 0      H : 0</p> <p style="margin-left: 20px;">I : 0      J : 0      K : 0      L : 0</p> <p style="margin-left: 20px;">M : 0      N : 0      O : 0      P : 0</p> <p style="margin-left: 20px;">Q : 0      R : 0      S : 0      T : 0</p> <p style="margin-left: 20px;">U : 2      V : 0</p>	No	3		
	<b>Carried to Summary</b>				R
	<p>Bill No. 18</p> <p>External works</p>				

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

Item No	Quantity	Rate	Amount
<b><u>BILL No. 19</u></b>			
<b><u>PROVISIONAL SUMS</u></b>			
All provisional sums cover supply of material and equipment and installation. Provisional sums are nett and do not include builder's discount (excluding settlement discount) and Value-Added Tax but the Tenderer may allow under "Profit" items any profit he considers necessary			
<u>General</u>			
Provisional sums are for material and equipment supplied and installed complete by firms of specialists			
<u>Profit</u>			
Where stated, the contractor may allow for profit if required			
<u>General attendance on nominated/selected subcontractors</u>			
The item "attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors the contractor's duties as described in clause 12.2 of the JBCC N/S Subcontract Agreement			
<u>Special attendance on nominated/selected subcontractors</u>			
Where "special attendance" such as unloading, storing, placing in position, providing special power supplies, specific hoisting, craneage and scaffolding requirements, provision of temporary casing and/or other specific protection of the works, special security and clearing away rubbish is required, a separate item describing the specific requirements in detail is to be provided for the pricing of such requirements			
<u>Builder's work</u>			
Builder's work in connection with specialist services is given elsewhere in these bills of quantities			
<b>Carried Forward</b>			R
Bill No. 19 Provisional Sums			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

	<b>Brought Forward</b>		R	
	<u>Note:</u>			
	The following sums shall be allowed in respect of the items listed below. These sums shall be used as directed by the Engineer/Architect and deducted in whole or in part if not required			
	<b><u>FIRE DETECTION SYSTEM</u></b>			
1	Allow the Provisional Sum of R 150,000.00 for testing the existing Fire Detection System, replacing faulty components, adding new components, replace all wiring with fire retardant cabling including conduits & accessories and linking the new installation with the existing system. (PS includes cleaning of existing components that can be re-used and stripping and removing faulty components) After installation: Testing, balancing and commissioning, Issuing of COC's, allowance for 12months maintenance and guarantee, workshops and as-built drawings, operating and maintenance manuals, Training of user-department staff	Item		150,000.00
2	Add for profit		%	
3	Allow for general attendance		%	
	<b>Carried to Summary</b>		R	
	Bill No. 19 Provisional Sums			

**DEPARTMENT OF DEFENCE: OUDTSHOORN MILITARY BASE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

<b>Bill No</b>	<b><u>FINAL SUMMARY</u></b>	<b>Page No</b>	<b>Amount</b>
1	Preliminaries	37	
2	Alterations	53	
3	Earthworks	59	
4	Concrete, formwork and reinforcement	64	
5	Masonry	69	
6	Waterproofing	71	
7	Carpentry & Joinery	78	
8	Ceilings, Partitions And Access Flooring	80	
9	Ironmongery	89	
10	Metalwork	94	
11	Plastering	98	
12	Tiling	101	
13	Plumbing and Drainage	115	
14	Electrical Work (Provisional)	121	
15	Mechanical Installation	125	
16	Glazing	126	
17	Paintwork	132	
18	External works	142	
19	Provisional Sums	144	
	Sub-Total		R
	Value Added Tax		R
	<b>Carried to Form of Offer and Acceptance (DPW 07)</b>		R



public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# Part C3: Scope of Work

## C3.1 Scope of Work





public works  
& infrastructure

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

## **SCOPE OF WORK & SPECIFICATIONS PROJECT SPECIFIC. PG-01.2 (EC)**

## PG-01.2 (EC) SCOPE OF WORKS – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

<b>Project title:</b>	<b>WESTERN CAPE- OUDTSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES</b>		
<b>Tender / Quotation no:</b>	CPT 1001/22	<b>Reference no:</b>	

### C3. Scope of Works

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

#### **C3.1 EXTENT OF THE WORKS**

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

#### **C3.2 ORDER OF THE WORKS**

No order of the works.

#### **C3.3 BUILDINGS OCCUPIED**

Oudtshoorn Army Infantry school

#### **C3.4 ACCESS**

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

Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, Government Gazette No. 42021 of 9 November 2018.

#### **C3.5 STANDARD MINIMUM REQUIREMENTS**

In terms of section 5(2) of the Construction Industry Development Board Act, 2000 (Act no. 38 of 2000) (the Act), the Construction Industry Development Board is empowered to establish and promote best practice standards, Standard Requirements and Guidelines which includes the following but not limited to:

C3.5.1 cidb Best Practice: Green Building Certification, No. 34158 Government Gazette, 1 April 2011

C3.5.2 cidb Standard for Developing Skills through Infrastructure Contracts, No. 36760 Government Gazette, 23 August 2013

C3.5.3 cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013

C3.5.4 Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017, No. 40553 Government Gazette, 20 January 2017

C3.5.5 cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017

- C3.5.6 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.5.7 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 42021 Government Gazette, 9 November 2018
- C3.5.8 cidb Standard for Developing Skills through Infrastructure Contracts, No. 43495 Government Gazette, 3 July 2020

### **C3.6 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME**

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as indicated below. Provision for pricing of compliance with the achieving the CPGs is made in the Contract Participation Goal Section of the Bills of Quantities and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained:

#### **C3.6.1 Minimum Thirty Percent (30%) Mandatory Sub-contracting Contract Participation Goal**

##### **MINIMUM THIRTY PERCENT (30%) MANDATORY SUBCONTRACTING TO SMMEs: IMPLEMENTATION OF PREFERENTIAL PROCUREMENT REGULATIONS 2017**

**30% Mandatory subcontracting is *not applicable* to this project.**

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprises (SMME's) in executing this contract, irrespective whether the thirty percent (30%) Participation Goal is applicable or not.

The thirty percent (30%) mandatory Sub-contracting shall be achieved in the execution of the contract in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017.

- (a) SMME's involvement of at least **five percent (5%)** of the tender amount at the time of tender to be sourced from within **50km** radius of the project site with the intention to maximize use of local SMMEs within "Insert Ward/s, Municipal District, Town, City, Province",
- (b) SMME's involvement of at least **twenty five percent (25%)** of the Tender Value to be sourced from within **250km** radius of the project site.

Bidders are cautioned not to under-price items earmarked to be executed by SMMEs as adjustment to too low rates will not be entertained by the Employer.

Bidders to sub-contract a minimum of thirty percent (30%) of the tender amount including VAT at the time of tender (All inclusive, Including VAT). to any one or more of the following categories:

- a. An EME or QSE
- b. An EME or QSE which is at least 51% owned by black people
- c. An EME or QSE which is at least 51% owned by black people who are youth
- d. An EME or QSE which is at least 51% owned by black people who are women
- e. An EME or QSE which is at least 51% owned by black people with disabilities
- f. An EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships
- g. A co-operative which is at least 51% owned by black people
- h. An EME or QSE which is at least 51% owned by black people who are Military veterans
- i. More than one of the categories referred to in paragraphs (a) to (h).

Bidders to refer to the CSD for a list of prospective sub-contractors provided with the tender. The bidder may refer to the CSD website should the list provided be insufficient.

**Bidders must ensure that the sub-contractors conform to the following:**

- a. Possess relevant accreditation where applicable;
- b. Be registered with relevant bodies (CIDB, various Councils, etc.) where applicable;
- c. Possess necessary capabilities to deliver the sub-contracted work;
- d. Meet the requirements in terms of the stipulated designated groups; and
- e. Geographical located at the place where the project will be delivered. Geographical location must be determined using the following criteria:
  - Relevant Ward. If not available;
  - Relevant neighbouring Wards. If not available;
  - Relevant Local Municipality. If not available;
  - Relevant District Municipality. If not available;
  - Relevant Metro. If not available;
  - Relevant Province. If not available;
  - Relevant Neighbouring Province. And If not available;
  - Anywhere within the borders of South Africa .

It is the bidder's responsibility to source alternative SMMEs should the parties with whom agreements were entered into at the time of tendering either no longer exist or do not perform or render work of an acceptable standard, subject to the approval by the Employer. Failure to achieve the minimum thirty percent (30%) SMME participation based on the tender amount including VAT, will result in a two percent (2%) penalty on the amount of work on which there is no compliance (Excluding VAT), unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

**C3.6.2 Minimum Targeted Local Material Manufacturer Contract Participation Goal**

**The Minimum Targeted Local Building Material Manufacturers CPG is not applicable to this project**

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Manufacturers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020.

A Targeted Local Material Manufacturer is a targeted enterprise that operates or maintains a factory or establishment that produces on its premises materials or goods required by the principal contractor for the performance of the contract.

Note: Adapted from SANS 10845-7:2015, definition 2.13

Preference shall be given to the Targeted Local Material Manufacturer in Western Cape Province and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least two percent (2%) of the total value of materials purchased including VAT to be sourced from within 50km radius of the project site,
- (e) Material of at least eight percent (8%) of the total value of materials purchased including VAT to be sourced from within 250km radius of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

### **C3.6.3 Minimum Targeted Local Building Material Suppliers Contract Participation Goal**

**The Minimum Targeted Local Building Material Suppliers CPG is not applicable to this project.**

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Suppliers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

A targeted supplier is a targeted enterprise that

- a) owns, operates or maintains a store, warehouse or other establishment in which goods are bought, kept in stock and regularly sold to wholesalers, retailers or the public in the usual course of business; and
- b) engages, as its principal business and in its own name, in the purchase and sale of goods.

Note: Adapted from SANS 10845-7:2015, definition 2.14

Preference shall be given to the local material suppliers in the **Western Cape Province**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The none availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **2%** of the total value of materials purchased including VAT to be sourced from within **50km** of the project site,
- (e) Material of at least **8%** of the total value of materials purchased including VAT to be sourced from within **250km** of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

### **C3.6.4 Minimum Targeted Local Labour Skills Development Contract Participation Goal**

**The Minimum Targeted Local Labour Skills Development CPG is *not applicable* to this project.**

It is the requirement of the employer that the contractor enhances the use of local labour in executing this contract. This is required to be done through the use of both traditional building techniques and labour-intensive construction techniques careful and considered construction planning and implemented in the project irrespective whether a minimum percentage Participation Goal is applicable or not.

The Minimum Targeted Local Skills Development Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

Targeted labour: individuals who:

- a) are employed by the principal contractor, sub-contractor or targeted enterprises in the performance of the contract;
- b) are defined as the target group in the targeting data; and
- c) permanently reside in the target area or who are recognized as being residents of the target area on the basis of identification and association with and recognition by the residents of the target area.

Adapted from SANS 10845-7:2015, definition 2.12

Targeting of labour by skills categories is only permissible within categories of semi-skilled and unskilled labour.

Contract participation goals for semi-skilled and unskilled labour shall be limited to on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract and in a manner that does not compromise worker health and safety. In the case of targeted labour, the certification of records shall be in accordance with SANS 10845-8.

Beneficiaries will be sourced from the “Insert Ward/s, Municipal District, Town, City, Province”. The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in a thirty percent (30%) penalty of the total labour cost based on labour rates per day of the number of working days not achieved, excluding VAT, for noncompliance, unless the contractor can prove to the Employer’s satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer’s Representative.

**C3.6.5 CIDB BUILD PROGRAMME: Minimum Targeted Enterprise Development Contract Participation Goal**

**The Minimum Targeted Enterprise Development CPG is not applicable to this project.**

The aim of this best practice standard for indirect targeting for enterprise development in accordance with the Standard for Indirect Targeting for Enterprise Development (published in Government Gazette 36190 of 25 February 2013), as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. is to promote enterprise development by providing for a minimum contract participation goal (CPG) of five percent (5%) of the contract amount as defined in the Standard (Tender amount, excluding allowances and VAT on selected contracts to be undertaken by joint-venture partners or to be sub-contracted to developing contractors that are also to be beneficiaries of enterprise development support from the main contractor.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer’s Representative.

The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in A) a thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The lead partner or main contractor shall dedicate a minimum five percent (5%) of total project value to provide developmental support to targeted subcontractor or joint venture partner applicable to contracts in Grades 7 to 9, General Building and Civil Engineering contracts.

Provision for pricing of compliance with the aforementioned is made in the preliminaries and it is explicitly pointed out that all requirement in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained.

#### C3.6.5.1 Criteria

The main or lead partner of the successful bidder shall:

- (a) There must be a needs analysis for indirect targeting and development or skill standard and should be development in at least any two developmental areas namely;
  - Administrative and cost control systems
  - construction management systems and plans
  - planning, tendering and programming
  - business; technical; procurement skills
  - legal compliance
  - credit rating/history; financial loan capacity/history
  - contractual knowledge
- (b) The above needs analysis shall be mutually agreed upon between contractor and targeted enterprise
- (c) The contractor shall appoint an enterprise development coordinator to:
  - perform needs analysis on the targeted enterprise to identify developmental goals
  - develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas
  - provide internal mentorship support to improve the targeted enterprise/s performance
  - monitor and submit to the employer's representative a monthly enterprise development report thereby reporting on the progress of the agreed development areas with the targeted enterprise/s
  - submit a project completion report to the Employer's representative for each targeted enterprise.

#### C3.6.5.2 Management

The contractor shall provide a competent person/s to provide internal mentorship to the Targeted Enterprise/s in the two agreed developmental areas.

#### C3.6.5.3 Competence Criteria for an Enterprise Development Co-ordinator

The enterprise development co-ordinator shall have the following competencies:

- Minimum experience of 5 years in the construction industry at Managerial level as a Site Agent, Contracts Manager, Site Manager, Construction Manager, Business Development Manager or Enterprise Development Manager.
- Minimum experience of 2 years in training and development in Building or Construction; and
- National Diploma or B Degree in the Built Environment or Business Management

#### C3.6.5.4 Format of Communications

The contractor shall submit to the Employer's Representative:

- *Project interim reports* in the specified format (**ED105P**) detailing interim values of the CPG that was achieved together with an assessment of the enterprise development support provided should be tabled and discussed at least monthly at progress meetings between employer's representative and the contractor;
- *Project completion report* in the specified format (**ED101P**) to the Employer's Representative for acceptance within 15 days of achieving practical completion. The report shall include the value of the CPG that was certified in accordance with the contract, cidb registration numbers of each and every targeted enterprise, and the value of the subcontracted works or of the joint venture entered into; and the participation parameter
- *Enterprise development declaration* (**ED104P**).

#### C3.6.5.5 The Key Personal

The contractor shall appoint an Enterprise Development Co-ordinator and a competent person/s to provide internal mentorship.

#### C3.6.5.6 Management Meetings

The contractor shall report to the Employer's Representative on the implementation and progress of the targeted enterprise development and CPG at monthly progress site meetings.

#### C3.6.5.7 Forms for contract administration

The contractor shall submit to the Employer's Representative the following proformas:

- Form ED 105P Project Interim Report
- Form ED 104P Enterprise Development Declaration
- Form ED 101P Project Completion Report

#### C3.6.5.8 Records

The contractor shall:

- keep records of the targeted enterprise development
- keep records of the payments made to the targeted enterprises in relation to the CPG.
- ensure all the documentation required in terms of the Standard is provided with each monthly progress payment certificate and according to a prescribed format where applicable.

#### C3.6.5.9 Payment Certificates

The contractor shall:

- achieve the measurable CPG and providing enterprise development support to the targeted enterprise/s as per the Standard.
- submit payment certificates to the Employer Representative at intervals determined in the Contract.

#### C3.6.5.10 Compliance requirements



### Non-compliance with the Best Practice Project Assessment Scheme

The wording of regulation 27A of the cidb regulations makes provision for the Board to enforce the cidb code of conduct in the event of clients being found to be in breach of the best practice project assessment scheme.

- Not including the requirements of the cidb standards in the conditions of tender
- Not registering the award of contract on the cidb Register of Projects (RoP)
- Not reporting practical completion on the cidb Register of Projects (RoP)

#### 3.6.6 CIDB BUILD PROGRAMME: Minimum Targeted Contract Skills Development Goal (CSDG)

**The Minimum Targeted Contract Skills Development CPG is *not applicable* to this project.**

The contractor shall achieve or exceed in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in Government Gazette No 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a thirty percent (30%) penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

##### C3.6.6.1 Methodology

The contractor shall achieve the measurable contract skills development goal by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the following in relation to work directly related to the contract or order:

**Method 1:** structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;

**Method 2:** structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012) subject to at least sixty percent (60%) of the artisan learners being holders of public TVET college qualifications;

**Method 3:** work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

**Method 4:** structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council listed in Table 1 above.

The contract skills participation goals, 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.

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

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

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

**Table 3: Notional Cost of Training per Headcount**

Source: cidb Standard for Skills Development

Type of Training Opportunity	Provision for stipends (Unemployed learners only)	Provisions for mentorship	Provisions for additional costs*	Total costs	
				Unemployed learners	Employed learners
<b>Method 1</b>					
Occupational qualification	R7 000	R0	R9 000	R16 000	R9 000
<b>Method 2</b>					
TVET College graduates	R14 000	R0	R9 000	R23 000	N/A
Apprenticeship	R14 000	R0	R12 000	R26 000	R12 000
<b>Method 3</b>					
P1 and P2 learners	R24 000	R20 000	R4 500	R48 500	N/A
<b>Method 4</b>					
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 required CPG will be recalculated based on the awarded tender amount and "Contract amount" once the beneficiaries have been appointed and actual costs are known. 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 remeasurable item.

- The successful contractor may employ part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), (A1 - List of cidb accredited SDAs).
- The successful contractor must employ at least sixty percent (60%) of the learners from an FET / TVET college should the contractor select to have part/full occupational qualification learners and trade qualification learners contributing to the CSDG.
- The successful contractor shall employ at least (insert percentage number) from eligible part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) in the employment of the employer.

- (d) The successful contractor shall ensure that no single method shall contribute more than seventy five percent (75%) of the CSDG for the contract.
- (e) The successful contractor may only place thirty three percent (33%) employed employees or that of his subcontractors contributing to the CSDG.
- (f) The contractor shall employ at least sixty percent (60%) of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
- (g) One of the objectives of the project is to train (Insert number) Occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates (Delete that which is not applicable).

C3.6.6.2 Management

- (a) The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.
- (b) The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.
- (c) The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable).
- (d) The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable) within 30 days of start of the contract.
- (e) The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate (delete that which is not applicable) every three months.
- (f) The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) within 30 days of start of the contract.
- (g) The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.
- (h) The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) with the monthly invoice for the payment certificate.
- (i) The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).
- (j) The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).

- (k) The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) at the start of their employment on site.
- (l) Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

### **C3.6.7 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME (NYS)**

**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. Monthly reports are to be submitted to the Employer's Representative.

Failure by the contractors to achieve the specified number to be trained in the NYS section of the CPG section within the Bills of quantities will result in a Payment reduction as per bill of quantities per person, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

### **C3.6.8 LABOUR-INTENSIVE WORKS**

**Labour Intensive Works is *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. Allowance must be made for submitting monthly reports illustrating the value of the works executed under Labour Intensive Works.

Failure by the contractor to achieve the specified value of the Labour Intensive Participation Goal as stipulated within the Bills of quantities will result in a thirty percent (30%) penalty of the value of the works not done by means of labour intensive methods, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

#### Employer's objectives:

The employer's objectives are to deliver public infrastructure using labor-intensive methods in accordance with EPWP Guidelines.

#### Labour-intensive works:

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

#### Labour-intensive competencies of supervisory and management staff:

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C) at NQF outlined in Table 1

### **C3.6.8.1 GENERIC LABOUR-INTENSIVE SPECIFICATION**

Contractors are referred to the Guidelines for the Implementation of Labour-intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP) for the generic labour-intensive specification applicable to the contract.

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- trenches having a depth of less than 1.5 metres
- stormwater drainage
- roads
- sidewalks and non-motorised transport infrastructure
- water and sanitation

### **Precedence**

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail

### **Hand excavateable material**

Hand excavateable material is:

#### **a) granular materials:**

- i) whose consistency when profiled may in terms of table 2 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

#### **b) cohesive materials:**

- i) whose consistency when profiled may in terms of table 2 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

### **Note**

- 1) A boulder is material with a particle size greater than 200mm, a cobble and gravel is material between 60 and 200mm.
- 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60° with respect to the horizontal) into the material being used.

<b>Table 2: Consistency of materials when profiled</b>			
<b>GRANULAR MATERIALS</b>		<b>COHESIVE MATERIALS</b>	
<b>CONSISTENCY</b>	<b>DESCRIPTION</b>	<b>CONSISTENCY</b>	<b>DESCRIPTION</b>
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.

Dense	Very high resistance to penetration by the sharp end of a geological pick; requires many blows for excavation.	Stiff	Can be indented by thumb-nail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers.
Very dense	High resistance to repeated blows of a geological pick.	Very stiff	Indented by thumb-nail with difficulty; slight indentation produced by blow of a geological pick point.

### **Trench excavation**

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

### **Compaction of backfilling to trenches (areas not subject to traffic)**

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers;

- a) to 90% Mod AASHTO;
- b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or
- c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

### **Excavation**

All excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand. Any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

### **Clearing and grubbing**

Grass and bushes shall be cleared by hand.

### **Shaping**

All shaping shall be undertaken by hand.

### **Loading**

All loading shall be done by hand. Haulage equipment should be selected in a manner that allows loading by hand to the greatest extent possible.

### **Haul**

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

### **Offloading**

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

### **Spreading**

All material shall be spread by hand.

### **Compaction**

Small areas may be compacted by hand provided that the specified compaction is achieved. Appropriate rollers should be used where higher (than can be achieved by hand) levels of compaction are required or for large areas.

### **Grassing**

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

### **Stone pitching and rubble concrete masonry**

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

### **Manufactured Elements**

Elements manufactured or supplied by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. Where the mass of an element exceeds 55 kg, consideration should be given to the size of the element relative to its total mass related to the number of workers who would be needed to lift such mass

### **C3.7 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.

### **C3.8 Submission of Monthly Local Material Utilisation Report (Local Content)**

The contractors 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, 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. Failure by the contractors to achieve the specified percentage of local content per designated industry/sector/sub-sector as listed will result in a thirty percent thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.



public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# Part C4: Site Information

## C4 Site information





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

**SITE INFORMATION**  
**PROJECT SPECIFIC. PG-03.2 (EC)**

## PG-03.2 (EC) SITE INFORMATION – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (EDITION 6.2 OF MAY 2018)

<b>Project title:</b>	WESTERN CAPE-OUTDSHOORN SANDF: INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES		
<b>Tender no:</b>	CPT 1001/22	<b>WCS no:</b>	<b>Reference no:</b>

### C4 Site Information

#### Existing Military Base-Oudtshoorn





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Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

Tender No: CPT 1001/22

# **Part C5: Health and Safety Specification**

C5 Health and Safety Specification .



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

## **HIV/AIDS SPECIFICATION AND SCHEDULES STANDARD PW 1544**



# **DEPARTMENT OF PUBLIC WORKS**

## **HIV/AIDS**

### **SPECIFICATION**

**OCTOBER 2004**

## **SECTION**

### **HIV/AIDS SPECIFICATION**

#### **HIV/AIDS REQUIREMENTS**

##### **1 SCOPE**

This specification contains all requirements applicable to the Contractor for creating HIV/AIDS awareness amongst all of the Workers involved in this project for the duration of the construction period, through the following strategies:

- Raising awareness about HIV/AIDS through education and information on the nature of the disease, how it is transmitted, safe sexual behaviour, attitudes towards people affected and people living with HIV/AIDS, how to live a healthy lifestyle with HIV/AIDS, the importance of voluntary testing and counselling, the diagnosis and treatment of Sexually Transmitted Infections and the closest health Service Providers;
- Informing Workers of their rights with regard to HIV/AIDS in the workplace;
- Providing Workers with access to condoms and other awareness material that will enable them to make informed decisions about sexual practices.

##### **2 DEFINITIONS AND ABBREVIATIONS**

###### **2.1 Definitions**

Service Provider: The natural or juristic person recognised and approved by the Department of Public Works as a specialist in conducting HIV/AIDS awareness programmes.

Service Provider Workshop Plan: A plan outlining the content, process and schedule of the training and education workshops, presented by a Service Provider which has been approved by the Representative/Agent.

Worker: Person in the employ of the Contractor or under the direction or supervision of the Contractor or any of his Sub-contractors, who is on site for a minimum period of 30 days in all.

###### **2.2 Abbreviations**

- HIV : Human Immunodeficiency Virus.
- AIDS : Acquired Immune Deficiency Syndrome.
- STI : Sexually Transmitted Infection.

##### **3 BASIC METHOD REQUIREMENT**

###### **3.1 The Contractor shall, through a Service Provider, conduct onsite workshops with the Workers.**

The Service Provider shall develop and compile a Service Provider Workshop Plan to be presented at the workshops and which will be best suited for this project to achieve the specified objectives with regard to HIV/AIDS awareness.

The Service Provider Workshop Plan shall be based on the following information provided by the Contractor:

- Number of Workers and Sub-contractors on site;
- When new Workers or Sub-contractors will join the construction project;
- Duration of Workers and Sub-contractors on site;
- How the maximum number of Workers can be targeted with workshops;
- How the Contractor prefers workshops to be scheduled, e.g. three hourly sessions per Worker, or one 2.5 hour workshop per Worker;
- Profile of Workers, including educational level, age and gender (if available);
- Preferred time of day or month to conduct workshops;
- A Gantt chart reflecting the construction programme, for scheduling of workshops;
- Suitable venues for workshops.

The Contractor shall submit the Service Provider Workshop Plan for approval within 21 days after the tender acceptance date. After approval by the Representative/Agent, the Contractor shall make available a suitable venue that will be conducive to education and training.

3.2 The Service Provider Workshop Plan shall address, but will not be limited to the following:

- 3.2.1 The nature of the disease;
- 3.2.2 How it is transmitted;
- 3.2.3 Safe sexual behaviour;
- 3.2.4 Post exposure services such as voluntary counselling and testing (VCT) and nutritional plans for people living with HIV/AIDS;
- 3.2.5 Attitudes towards other people with HIV/AIDS;
- 3.2.6 Rights of the Worker in the workplace;
- 3.2.7 How the Awareness Champion will be equipped prior to commencement of the HIV/AIDS awareness programme with basic HIV/AIDS information and the necessary skills to handle questions regarding the HIV/AIDS awareness programme on site sensitively and confidentially;
- 3.2.8 How the Service Provider will support the Awareness Champion;
- 3.2.9 Location and contact numbers of the closest clinics, VCT facilities, counselling services and referral systems;
- 3.2.10 How the workshops will be presented, including frequency and duration;
- 3.2.11 How the workshops will fit in with the construction programme;
- 3.2.12 How the Service Provider will assess the knowledge and attitude levels of attendees to structure workshops accordingly;
- 3.2.13 How the video will be used;
- 3.2.14 How the Service Provider will elicit maximum participation from the Workers;
- 3.2.15 A questions and answers slot (interactive session).

The Service Provider Workshop Plan shall encompass the Specific Learning Outcomes (SLO) as stipulated.

## **4 HIV/ AIDS AWARENESS EDUCATION AND TRAINING**

### **4.1 Workshops**

The Contractor shall ensure that all Workers attend the workshops.

The workshops shall adequately deal with all the aspects contained in the Service Provider Workshop Plan. A video of HIV/AIDS in the construction industry, which can be obtained from all Regional Offices of the Department of Public Works, is to be screened to Workers at workshops. In order to enhance the

learning experience, groups of not exceeding 25 people shall attend the interactive sessions of the workshops.

## **4.2 Recommended practice**

### **4.2.1 Workshop Schedule**

Presenting information contained in the Service Provider Workshop Plan can be divided in as many workshop sessions as deemed practicable by the Contractor, provided that all Workers are exposed to all aspects of the workshops as outlined in the Service Provider Workshop Plan.

Breaking down the content of information to be presented to Workers into more than one workshop session however, has the added advantage that messages are reinforced over time while providing opportunity between workshop sessions for Workers to reflect and test information. Workers will also have an opportunity to ask questions at a following session.

### **4.2.2 Service Providers**

A database of recommended Service Providers is available from all Regional Offices of the Department of Public Works.

### **4.2.3 HIV/AIDS Specific Learning Outcomes and Assessment Criteria**

Workers shall be exposed to workshops for a minimum duration of two-and-a-half hours. In order to set a minimum standard requirement, the following specific learning outcomes and assessment criteria shall be met.

#### **4.2.3.1 UNIT 1: The nature of HIV/AIDS**

After studying and understanding this unit, the Worker will be able to differentiate between HIV and AIDS and comprehend whether or not it is curable. The Worker will also be able to explain how the HI virus operates once a person is infected and identify the symptoms associated with the progression of HIV/AIDS.

Assessment Criteria:

1. Define and describe HIV and AIDS;
2. List and describe the progression of HIV/AIDS.

#### **4.2.3.2 UNIT 2: Transmission of the HI virus**

After studying and understanding this unit, the Worker will be able to identify bodily fluids that carry the HI virus. The Worker will be able to recognise how HIV/AIDS is transmitted and how it is not transmitted.

Assessment Criteria:

1. Record in what bodily fluids the HI virus can be found;
2. Describe how HIV/AIDS can be transmitted;
3. Demonstrate the ability to distinguish between how HIV/AIDS is transmitted and misconceptions around transmittance of HIV/AIDS.

#### **4.2.3.3 UNIT 3: HIV/AIDS preventative measures**

After studying and understanding this unit, the Worker will comprehend how to act in a way that would minimise the risk of HIV/AIDS infection and to use measures to prevent the HI virus from entering the bloodstream.



Assessment Criteria:

1. Report on how to minimise the risk of HIV/AIDS infection;
2. Report on precautions that can be taken to prevent HIV/AIDS infection;
3. Explain or demonstrate how to use a male and female condom;
4. List the factors that could jeopardize the safety of condoms provided against HIV/AIDS Transmission.

#### 4.2.3.4 UNIT 4: Voluntary HIV/AIDS counselling and testing

After studying and understanding this unit, the Worker will be able to recognise methods of testing for HIV/AIDS infection. The Worker will be able to understand the purpose of voluntary HIV/AIDS testing and pre- and post-test counseling.

Assessment Criteria:

1. Describe methods of testing for HIV/AIDS infection;
2. Report on why voluntary testing is important;
3. Report on why pre- and post-test counselling is important.

#### 4.2.3.5 UNIT 5: Living with HIV/AIDS

After studying and understanding this unit, the Worker will be able to recognise the importance of caring for people living with HIV/AIDS and be able to manage HIV/AIDS.

Assessment Criteria:

1. List and describe ways to manage HIV/AIDS;
2. Describe nutritional needs of people living with HIV/AIDS;
3. Describe ways to embrace a healthy lifestyle as a person living with HIV/AIDS;
4. Explain the need for counselling and support to people living with HIV/AIDS.

#### 4.2.3.6 UNIT 6: Treatment options for people with HIV/AIDS

After studying and understanding this unit, the Worker will be familiar with the various treatments available to HIV/AIDS infected or potentially HIV/AIDS infected people.

Assessment Criteria:

1. Discuss anti-retroviral therapy;
2. List methods of treatment to prevent HIV/AIDS transmission from mother-to-child;
3. Describe the need for treatment of opportunistic diseases for people living with HIV/AIDS;
4. Describe post exposure prophylactics.

#### 4.2.3.7 UNIT 7: The rights and responsibilities of Workers in the workplace with regard to HIV/AIDS

After studying and understanding this unit, the Worker will be able to identify the rights and responsibilities of the Worker living with HIV/AIDS in the workplace. The Worker will recognise the importance of accepting colleagues living with HIV/AIDS and treating them in a non-discriminative way.

Assessment Criteria:

1. Discuss the rights of a person living with HIV/AIDS in the workplace;
2. Discuss the responsibilities of a person living with HIV/AIDS in the workplace;
3. Report on why acceptance and non-discrimination of colleagues living with HIV/AIDS is important.

#### **4.3 Displaying of plastic laminated posters and distribution of information booklets**

The Contractor shall obtain a set of four laminated posters conveying different key messages and information booklets. The contractor should include the costs of posters and information booklets in his/her tender price.

The above-mentioned posters and information booklets have been prepared to raise awareness and to share information about HIV/AIDS and STI's.

Posters or display stands shall be displayed on site as soon as possible, but not later than 14 days after the date of site handover.

Posters shall be displayed in areas highly trafficked by Workers, including toilets, rest areas, the site office and compounds.

The posters on display must always be intact, clear and readable.

Information booklets must be distributed to all Workers as soon as possible, but not later than 14 days after site handover, or as soon as the Worker joins the site.

#### **5 PROVIDING WORKERS WITH ACCESS TO CONDOMS**

The Contractor shall provide and maintain condom dispensers and make both male and female condoms, complying with the requirements of SABS ISO 4074, available at all times to all Workers at readily accessible points on site, for the duration of the contract. The Contractor may obtain condom dispensers from the Department of Health and condoms may be obtained from the Local Clinic or the Department of Health.

At least one male and one female condom dispenser and a sufficient supply of condoms, all to the approval of the Representative/Agent, shall be made available on site within 14 days of site hand over. Contractors should note that arrangements to obtain condoms from the Department of Health Clinics prior to site hand over may be necessary, to ensure that condoms are available within 14 days of site handover.

Condoms shall be made available in areas highly trafficked by Workers, including toilets, the site office and compounds.

#### **6 ENSURING ACCESS TO HIV/AIDS TESTING AND COUNSELLING FACILITIES AND TREATMENT OF SEXUALLY TRANSMITTED INFECTIONS (STI)**

The Contractor shall provide Workers with the names of the closest Service Providers that provide HIV/AIDS testing and counselling and Clinics providing Sexually Transmitted Infection (STI) diagnosis and treatment. Information on these Service Providers and Clinics must be displayed on a poster of a size not smaller than A1 in an area highly trafficked by Workers.

#### **7 APPOINTMENT OF AN HIV/AIDS AWARENESS CHAMPION**

- 7.1 Within 14 days of site handover the Contractor shall appoint an Awareness Champion from amongst the Workers, who speaks, reads and writes English, who speaks and understands all the local languages spoken by the Workers and who shall be on site during all stages of the construction period. The Contractor shall ensure that the Awareness Champion has been trained by the Service Provider on basic HIV/AIDS information, the support services available and the necessary skills to handle questions regarding the HIV/AIDS programme in a sensitive and confidential manner.

7.2 The Awareness Champion shall be responsible for:

7.2.1 Liaising with the Service Provider on organising awareness workshops;

7.2.2 Filling condom dispensers and monitoring condom distribution;

7.2.3 Handing out information booklets;

7.2.4 Placing and maintaining posters.

## **8 MONITORING**

The Contractor shall grant to the Representative/Agent reasonable access to the construction site, in order to establish that the Contractor complies with his obligations regarding HIV/AIDS awareness under this contract.

The Contractor must report problems experienced in implementing the HIV/AIDS requirements to the Representative/Agent.

The attached SITE CHECKLIST (SCHEDULE A) shall be completed and submitted at every construction progress inspection to the Representative/Agent.

The attached SERVICE PROVIDER REPORT (SCHEDULE B) shall be completed and submitted on a monthly basis to the Department's Project Manager, through the Representative/Agent.

The attached CONTRACTOR HIV/AIDS PROGRAMME REPORT (SCHEDULE C), a close out programme report, shall be completed by the Contractor at the end of the contract.

## SCHEDULE A

### HIV/AIDS PROGRAMME: SITE CHECKLIST

When did construction commence: \_\_\_\_\_

Name of Departmental Project Manager: PHUMLA NTEO

*Please refer to HIV/AIDS Programme activities during the reporting period*

<i>Tick the block if Contractor satisfactorily complied with specifications</i>																												
DATE	PI				PI				PI				PI				PI				PI							
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
Programme implemented within 14 days of site handover																												
Awareness champion on site																												
HIV/AIDS awareness service provider report																												
Male condom dispenser																												
Sufficient male condoms available																												
Male condom dispenser in a highly trafficked area																												
Female condom dispenser																												
Sufficient female condoms available																												
Female condom dispenser in a highly trafficked area																												
All four types of posters displayed																												
Posters in a good condition																												
Posters in a highly trafficked area																												
Posters displayed on local support services: clinic & VCT centre																												
Support service poster/s in highly trafficked area																												
Support service poster/s in a good condition																												

<i>Please indicate the applicable number for the reporting period</i>							
Workers on payroll (at PI)							
Sub-Contractors who will be on site for longer than 30 days (at PI)							
Workshop attendees							
Number of workshops held							
Scheduled workshops according to approved workshop plan							
Booklets distributed							
Male condoms distributed							
Female condoms distributed							

\_\_\_\_\_  
Representative/Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Date

Date of progress inspection: (ccyy/mm/dd)

Reporting period: (ccyy/mm/dd) \_\_\_\_\_ to (ccyy/mm/dd) \_\_\_\_\_

Deviations from HIV/AIDS awareness programme plan:

Corrective actions:

\_\_\_\_\_  
Representative/Agent

\_\_\_\_\_  
Departmental Project Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

## SCHEDULE B

### HIV/AIDS AWARENESS PROGRAMME: SERVICE PROVIDER REPORT

Reporting period: (ccyy/mm/dd) \_\_\_\_\_ to (ccyy/mm/dd) \_\_\_\_\_

Number of workshops conducted in reporting period: \_\_\_\_\_

Number of scheduled workshops according to approved workshop plan: \_\_\_\_\_

Deviations from workshop plan:

State reasons for deviating from workshop plan:

Corrective actions:

\_\_\_\_\_  
Service Provider

\_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**HIV/AIDS AWARENESS PROGRAMME : WORKSHOP CONTENT ADDRESSED**

<i>Fill in the applicable information with regard to each workshop conducted</i>																				
DATE	W/S				W/S				W/S				W/S							
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
<b>Content of workshop:</b> (Mark the content included)																				
SLO1																				
SLO2																				
SLO3																				
SLO4																				
SLO5																				
SLO6																				
SLO7																				
HIV/AIDS in construction video																				
Indicate the duration of the workshop in hours																				
Total number of Workers																				
Indicate workshop venue																				





## SCHEDULE C

### CONTRACTOR HIV/AIDS PROGRAMME REPORT

Project name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Contract value of project: R\_\_\_\_\_

Department of Public Works Project Manager: \_\_\_\_\_

HIV/AIDS Programme duration: (ccyy/mm/dd) \_\_\_\_\_ to (ccyy/mm/dd) \_\_\_\_\_

#### AWARENESS MATERIAL

Describe location of posters displayed during the programme: PHUMLA NTEO  
\_\_\_\_\_

Comments on posters: \_\_\_\_\_

Indicate total number of booklets distributed: \_\_\_\_\_

Comments on booklets: \_\_\_\_\_

#### CONDOMS

Indicate total number of male condoms distributed: \_\_\_\_\_

Indicate total number of female condoms distributed: \_\_\_\_\_

Describe where male condom dispenser was placed: \_\_\_\_\_

Describe where female condom dispenser was placed: \_\_\_\_\_

#### HIV/AIDS WORKSHOPS

Indicate the total number of HIV/AIDS workshops conducted: \_\_\_\_\_

Indicate the duration of workshops: \_\_\_\_\_

Indicate the total number of Workers that participated in the HIV/AIDS workshops: \_\_\_\_\_

Indicate the total number of Workers that were exposed to the video on HIV/AIDS in the Construction Industry:  
\_\_\_\_\_

Comments on HIV/AIDS workshops on site: \_\_\_\_\_

**GENERAL**

Briefly describe programme activities and satisfaction with outcome: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Additional comments, suggestions or needs with regard to the HIV/AIDS awareness programmes on site:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please indicate if your company has a formal HIV/AIDS policy focussing on HIV/AIDS awareness raising and care and support of HIV/AIDS Workers:

Yes	No	Currently developing one
-----	----	--------------------------

Please indicate if, to your knowledge, you have lost any workers during the duration of the project to HIV/AIDS related sicknesses. One or more of the following might indicate an HIV/AIDS related death:

Excessive weight loss  
Reactive TB  
Hair loss  
Severe tiredness

Coughing or chest pain  
Pain when swallowing  
Persistent fever  
Diarrhoea

Vomiting  
Meningitis  
Memory loss  
Pneumonia

Number of HIV/AIDS-related deaths: \_\_\_\_\_

\_\_\_\_\_  
**Contractor**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Departmental Project Manager**

\_\_\_\_\_  
**Date**



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

**WESTERN CAPE**

**CAPE TOWN**

**OUTSHOORN SANDF:  
INSTALLATION OF FACILITIES FOR PEOPLE WITH  
DISABILITIES**

**Health and Safety Specification**

# **OCCUPATIONAL HEALTH AND SAFETY ACT**

## **AND**

### **REGULATIONS**

#### **PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION**

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Task Completion Form

**4. ANNEXURE B**

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**6. ANNEXURE D**

Initial Hazard Identification and Risk Assessment

**1. INTRODUCTION AND BACKGROUND**

## **1.1 Background to the Pre-Construction Health and Safety Specification**

- 1) The Construction Regulations of February 2014 in terms of Regulation 5 (1)(b) places the onus on the Client to prepare a Pre-Construction Health and Safety Specification, highlighting all risks not successfully eliminated during design. Section 37.2 of the Act, Act 85 of 1993 requires the Department of Works as an Employer to enter into a written agreement with the Contractor (Mandatory) as far as arrangements and procedures are concerned to ensure that the Contractor complies with the requirements of the Act, Act 85 of 1993 and all its Regulations.
- 2) This document serves to address all the above mentioned requirements and by submission of his/her tender the Contractor undertakes to abide with the conditions as stipulated by the Department of Works hereinafter referred to as the Client throughout this document.
- 3) This documentation will give the Client or its duly appointed representative the required information to be able to evaluate the Contractors competency and resources as is required by Regulation 5(1)(h) of the Construction Regulations of February 2014 and to determine his/her suitability to perform such work in a safe and healthy manner.
- 4) When submitting his/her tender the Contractor must supply the Client with the following:
  - A detailed Site Safety Plan indicating how the contractor will manage all Safety, Health and Environmental aspects whilst working on the Clients premises or on premises under his/her control, which must be based on the contents of this document as is required by Regulation 7(1)(a) of the Construction Regulations of February 2014.
  - A Cost breakdown of funds being allocated to make adequate provisions for Safety, Health and Environmental requirements as is required by Regulation 5 (1)(g) of the Construction Regulations of February 2014.
- 5) No approval or acceptance of any document required by this specification shall be construed by the Contractor as an absolution of the Contractor from achieving the required level of performance and compliance with legal requirements whatsoever.
- 6) The Contractor is an employer in his/her own right and therefore must assume all the responsibilities as required from any legal obligation imposed on him or her.

## **1.2 Purpose of the Pre-Construction Health and Safety**



## **Specification**

To assist in achieving compliance with the Occupational Health and Safety Act 85/1993 and the now promulgated Construction Regulations of February 2014 in order to reduce incidents and injuries.

To enable the effectiveness of the incorporated health and safety standards in regulations and thus comply with SANS requirements in terms of Occupational Health and Safety Act No.85 of 1993 section 44 of the act.

The Pre-Construction Safety, Health and Environmental Specification sets out the requirements to be followed by the Principal Contractor and other Contractors so that the Health and Safety of all persons potentially at risk and the potential risk to the environment may receive the same priority as other facets of the project such as Scope, Time, Cost and Quality.

### **1.3 Implementation of the Pre-Construction Health and Safety Specification**

This specification forms an integral part of the contract, and the Contractor is required to use it at pre-tender phase when drawing up his/her project-specific Construction Phase Health and Safety Plan as indicated above. The Principal Contractor shall forward a copy of this specification to all Sub-Contractors at their bidding stage so that they can in turn prepare Health and Safety Plans relating to their operations.

## **2. PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION**

### **2.1 SCOPE**

This Specification covers the requirements for eliminating and mitigating incidents and injuries on the particular project.

The scope also addresses legal compliance, hazard identification and risk assessment, risk control, and promoting a Health and Safety culture amongst those working on the project. The specification also makes provision for the protection of those persons other than employees.

### **2.2 Contractual Issues**

- 1) Due to fact that this document is based on legislative requirements the Client requires that all Contractors comply with the requirements of this document and all other relevant legislative requirements not covered by this document.
- 2) The Client or its duly appointed representative reserves the right to stop any contractor from working whenever Safety, Health or Environmental requirements are being violated. Any

resultant costs of such work stoppages will be for the Contractors account.

- 3) The requirements as specified by the Client in this document must not be deemed to be exhaustive and the Client reserves the right to make changes as and if the Client deems fit.
- 4) The Client will not entertain any claim of any nature whatsoever which has come about as result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document or any other applicable legislative requirements imposed on the Contractor.

## **2.3 Safety, Health and Environmental Standards and Procedures**

- 1) The Contractor will ensure that all work performed by him/her is executed in accordance with work procedures which comply with accepted safety practices and applicable safety, health and Environmental legislation.
- 2) Procedures as indicated above may be the Contractors own procedures on condition that they comply with the conditions as stipulated above.
- 3) Where procedures have been specified by this Client in the contents of this document such procedures must be adhered to unless otherwise agreed to with the Client or it's duly appointed representative.

## **2.4 Interpretations**

### **2.4.1 APPLICATION**

This specification is a compliance document drawn up in terms of South African legislation and is therefore binding. It must be read in conjunction with relevant legislation as noted previously.

### **2.4.2 DEFINITIONS**

- 1) The definitions as listed in the Occupational Health and Safety Act 85/1993 and Construction Regulations of February 2014 shall apply unless otherwise stipulated.
- 2) Any reference to "The Contractor" includes – the Principal and Sub - Contractor unless otherwise stipulated.

## **2.5 Minimum Administrative Requirements**

### **2.5.1 Notification of Intention to Commence Construction Work**

- 1) The Contractor shall notify the Provincial Director of the Department of Labour in writing before construction work commences if required in the format of Annexure 2. A copy of this notification must be forwarded to the Client prior to the

commencement of Construction work.

- 2) Copies of such notification can be obtained from any Department of Labour Office.

### **2.5.2 Assignment of Contractor's Responsible Persons to Supervise Health and Safety on Site.**

- 1) The Contractor shall submit in the format of Annexure B, proof of all supervisory as well as any other relevant appointments as is required by the OHS Act and the Construction Regulations.
- 2) It is acknowledged that the Contractor may need to allocate more than one appointment to certain staff members. This practice may only take place if Safety, Health and Environmental Standards would not be negatively affected.
- 3) Should the Client or its representative deem such practice as having a negative effect on Safety, Health and Environmental Standards, then alternative arrangements will have to be made.
- 4) A contractor must appoint a full-time construction health and safety officer in writing to assist in the control of all health and safety related aspects on the site.**

### **2.5.3 Competency of Contractor's Appointed Competent Persons**

- 1) Contractors' competent persons for the various risk management portfolios shall fulfill the criteria as stipulated under the definition of "Competent Person" in accordance with the Construction Regulations of February 2014 and the Occupational Health and Safety Act, Act 85 of 1993.
- 2) The Client reserves the right to require levels of Competency, which exceeds the requirements as stipulated by the Act and or Construction Regulations.
- 3) In the event of the Client requiring additional levels of Competency, alternative arrangements will have to be made.

### **2.5.4 Compensation of Occupational Injuries and Diseases Act, Act 130 of 1993 (COID ACT)**

- 1) The Contractor warrants that his and all his workmen are fully covered in terms of the COID, Act 130 of 1993 and that such cover shall remain in force for the duration of his contractual relationship with the Client or whilst working on the Clients premises or premises under the Clients control.
- 2) The Contractor will supply proof of such insurance cover to the Client with his/her tender submission.
- 3) The Contractor undertakes to ensure that all Sub-Contractors appointed by him/her will be fully covered in terms of the COID

Act, Act 130 of 1993 and that such cover shall remain in force for the duration of their contractual relationship with the Contractor

- 4) The Contractor must also ensure that he has additional insurance cover that will adequately make provisions for any losses and/or his employee's acts and/or omissions whilst working on the Clients premises or on premises under the client's control.

#### **2.5.5 Occupational Health and Safety Policy**

- 1) The Contractor shall submit a Health and Safety Policy signed by the Chief Executive Officer.
- 2) The Policy must outline objectives and how they will be achieved and implemented by the Company / Contractor.
- 3) A copy of such policy must be included in the Site Safety Plan and the Site Safety File.

#### **2.5.6 Health and Safety Organogram**

- 1) The Contractor shall submit an Organogram, outlining the Health and Safety Site Management Structure including the relevant appointments / competent persons.
- 2) In cases where appointments have not been made, the organogram shall reflect the intended persons to be appointed to such positions.
- 3) The organogram shall be updated when there are any changes in the Site Management Structure.

#### **2.5.7 Preliminary Hazard Identification and Risk Analysis and Progress Hazard Identification and Risk Analysis**

- 1) A Preliminary Hazard Identification and Risk Analysis was conducted and can be found in the format of Annexure D. This Hazard Identification and Risk Analysis was performed to make the Contractor aware of potential Hazards, which could be present on the site and may not be comprehensive.
- 2) The Contractor shall cause a Hazard Identification and Risk Analysis exercise to be performed by a Competent Person before commencement of construction work, and the assessed risks shall form part of the Construction phase Health and Safety Plan submitted for approval by the Client. The Risk Assessment must include:
  - a) A list of hazards identified as well as potentially hazardous tasks;
  - b) A documented risk assessment based on the list of hazards and tasks;
  - c) A set of safe working procedures to eliminate, reduce and/or

- control the risks assessed;
- d) A monitoring and review procedure of the risks assessment as the risks change.
- 3) The Principal Contractor shall ensure that all Contractors are informed, instructed and trained by a Competent Person/s regarding hazards, risks and related safe work procedures before any work commences and thereafter at regular intervals as the risks change and as new risks develop.
- 4) The Contractor shall be responsible for ensuring that all persons who could be negatively affected by its operations are informed and trained according to the hazards and risks and are conversant with the Safe Work Procedures, control measures and other related rules (tool box talk strategy to be implemented and so on).
- 5) Should the Client or its duly appointed Representative identify alternative hazardous activities performed by the Contractor or its Sub-Contractors on site for which a Risk Assessment was not performed then the contractor will be required to perform such an exercise before continuing such work.

#### **2.5.8 Health and Safety Representative(s)**

- 1) The Contractors shall ensure that Health and Safety Representative(s) are appointed under consultation and trained to carry out their functions.
- 2) The appointments must be in writing and the Health and Safety Representative shall carry out regular inspections, keep records and report all findings to the Responsible Person forthwith and at Health and Safety meetings.

#### **2.5.9 Health and Safety Committees**

The Principal Contractor shall ensure that project Health, Safety and Environmental meetings are held monthly or as deemed necessary by the project requirements.

- 1) Minutes must be kept on record and filled in the Site Health and Safety File.
- 2) Meetings must be organized and chaired by the Principal Contractors' Responsible Person.

#### **2.5.10 Health and Safety Training**

##### **2.5.10.1 Induction**

- 1) The Principal Contractor shall ensure that all site personnel undergo a site-specific Health and Safety Induction Training Session before starting work. A record of attendance shall be kept in the Health and

Safety file. **A suitable venue must be supplied to provide this training.**

- 2) All visitors to the site must also be subjected to site-specific induction training highlighting items such as steps to follow in the event of an emergency, restricted areas and so on.

#### 2.5.10.2 **Awareness**

The Principal Contractor shall ensure that, on site, periodic toolbox talks take place daily. These talks should deal with risks relevant to the construction work at hand. A record of attendance shall be kept in the Health and Safety File. All Contractors have to comply with these minimum requirements.

#### 2.5.10.3 **Competency**

- 1) All competent persons shall have the knowledge, experience, training, and qualifications specific to the work they have been appointed to supervise, control, and carry out.
- 2) The abovementioned competency requirements will be assessed on a regular basis by the Client, by means of Audits, Progress Meetings, and any other means deemed fit by the Client.
- 3) The Principal Contractor is responsible to ensure that competent Contractors are appointed to carry out construction work and records should be kept of criteria used to determine competency.
- 4) The Client reserves the right to require competencies which may exceed the Contractors standards in which case alternative arrangements will have to be made to meet the Clients requirements.

### **2.5.11 General Record Keeping**

- 1) The Contractors shall keep and maintain Health and Safety records to demonstrate compliance with this Specification, with the OHS Act 85/1993; and with the Construction Regulations of February 2014.
- 2) The Contractor shall ensure that all records of incidents/accidents, training, inspections, audits, and so on are kept in a Health and Safety file held in the Site Office.
- 3) The Principal Contractor must ensure that every Contractor opens his/her own Health and Safety file, maintains the file and makes it available on request by any duly authorized person.

- 4) The principal contractor or sub-contractor that has more than 5 staff members on site will be required to have the full version of Occupational Health and Safety Act and Regulations 85 of 1993 on site.

#### **2.5.12 Health and Safety Audits, Monitoring and Reporting**

- 1) The Client shall conduct monthly Health and Safety audits of the work operations including a full audit of physical site activities as well as an audit of the administration of Health and Safety.
- 2) The Principal contractor is obligated to conduct similar audits on all Contractors appointed by him/her.
- 3) Detailed reports of the audit findings and resultant corrective measures shall be reported on at all levels of project management meetings/forums.
- 4) Copies of the Clients audit reports will be forwarded to the Contractor and must be kept in the Site Health and Safety File.
- 5) The Principal Contractor must audit the activities and administration of all appointed Sub-Contractors, forward a copy to the Client or its representative within seven days of completion of the audit and file a copy on the Site Safety File.

#### **2.5.13 Emergency Procedures/Plans**

- 1) The Principal Contractor shall submit a detailed Emergency Procedure/Plan for approval by the Client prior to commencement of work on site. The procedure shall detail the response plan/s including the following key elements:
  - List of key competent personnel;
  - Details of emergency services;
  - Actions or steps to be taken in the event of the specific types of emergencies;
  - Information on hazardous material/situations.
- 2) Emergency Procedures/Plans shall include, but shall not be limited to, fire, spills, use of hazardous substances, bomb threats, major incidents/accidents major and minor and any other anticipated emergencies.
- 3) The Principal Contractor shall advise the Client in writing forthwith, of any emergencies, together with a record of action taken. A contact list of all service providers (Fire Department, Ambulance, Police, Medical and Hospital, etc) must be maintained and be available to site personnel.
- 4) Emergency procedures/Plans must be developed by a competent person such as a Safety, Health and Environmental Officer or in the absence of a Safety, Health and Environmental Officer by the Construction Work Supervisor.

- 5) Emergency Procedures/Plans must form part of the Agenda of monthly safety meetings as the Procedures/Plans would have to be revisited on a continuous basis due to the changing environment on construction sites.

#### **2.5.14 First Aid Boxes and First Aid Equipment**

- 1) All Contractors shall appoint in writing First Aider(s) in terms of legislative requirements.
- 2) The appointed First Aider(s) must be sent for accredited first aid training should they not have received such training prior to commencement of work on site.
- 3) Valid certificates to be kept on site in the Site Safety File.
- 4) The Principal Contractor shall provide an on-site First Aid Station with first aid facilities, where required, including first aid boxes adequately stocked at all times.
- 5) All Contractors with more than 5 employees shall supply their own first aid box
- 6) In the event of hazards chemical substances being present on site, first aiders must be trained to address any incidents of accidental exposure and their first aid kits stocked accordingly

#### **2.5.15 Accident / Incident Reporting and Investigation**

- 1) Injuries are to be categorized into the following categories:
  - 1) first aid;
  - 2) medical;
  - 3) disabling; and
  - 4) fatal injuries.
- 2) All Contractors have to report on the 4 categories of injuries to the Principal Contractor as soon as is reasonably practicable.
- 3) The Principal Contractor must stipulate in his/her construction phase Health and Safety plan how he/she will handle each of these categories.
- 4) When reporting injuries to the Client, these categories shall be used.
- 5) All injuries will be investigated by the Principal Contractors or his/her Competent Person, with a report being forwarded to the Client forthwith.
- 6) The Principal Contractor must report all injuries to the Client in the form of a detailed injury report at least monthly.



- 7) All incidents taking place in terms of Section 24 of the Act must be reported in the prescribed period and manner to the Department of Labour.
- 8) Copies of Section 24 reports, including WCL 1 & 2 forms must be forwarded to the Client immediately after completion.

#### **2.5.16 Hazards and Potential Situations**

- 1) The Principal Contractor shall immediately notify other Contractors as well as the Client of any hazardous or potentially hazardous situations that may arise during performance of construction activities.
- 2) Should a hazardous situation require work stoppages the work must be stopped and corrective steps taken such as Written Safe Work Procedures and issuing of Personal Protective Equipment.

#### **2.5.17 Personal Protective Equipment (PPE) and Clothing**

- 1) The Contractor shall ensure that all workers are issued and wear Hard Hats, Safety Boots/Shoes and Overalls.
- 2) The Contractor and all Contractors shall make provision and keep adequate quantities of SABS approved PPE on site at all times.
- 3) The Contractor shall clearly outline procedures to be taken when PPE or Clothing is:
  - Lost or stolen;
  - Worn out or damaged.
- 4) The above procedure applies to Contractors and their Sub-Contractors.
- 5) The Contractor must ensure that no person enters the Site without the required Personal Protective Equipment.
- 6) Visitors to the Site must be provided with the required PPE such as Hard Hats, Earmuffs and Eye Protection.
- 7) Records of all PPE issued to staff must be kept on site in the Site Safety File.
- 8) Employees are to be made conversant with the purpose of PPE and where and when it is required to be used by the employee.
- 9) Safety belts are not to be allowed on site due to its associated potential of injury to the user; only double lanyard safety harnesses are permitted.
- 11) Suitable eye protection must at all times be worn by the worker

when performing grinding, chipping, chasing and other associated activities.

- 12) In the event that onlookers may be struck by flying objects as a result of work being performed, suitable screens must be erected.
- 13) Any person performing welding or brazing work will wear suitable eye protection, gloves, aprons, and spats. Suitable screens are to be provided to protect onlookers from the harmful rays associated with such activities.
- 14) Where employees are required to work with corrosive liquids, suitable eye protection, gloves and acid resistant overalls must be provided.
- 15) Ear protection must be worn in designated noise zone (in excess of 85dB)
- 16) Suitable respirators must be provided to all employees and visitors required working in or entering areas where toxic vapors could be present.
- 17) All staff working in an elevated position (2m or higher) or where the potential exists that such person may fall must be provided with a suitably secured safety harness.
- 18) Any person refusing to wear personal Protective Equipment must be instructed to wear such equipment and in the event of such person refusing to wear such equipment he/she must be removed from the premises.

#### **2.5.18 Occupational Health and Safety OHS Signage**

- 1) The Contractor shall provide adequate on-site OHS signage including but not limited to: "no unauthorized entry", "report to site office", "site office", "beware of overhead work", "hard hat area".
- 2) Signage shall be posted up at all entrances to the site as well as on site in strategic locations e.g. access routes, stairways, entrances to structures and buildings, scaffolding, and other potential risk areas/operations.
- 3) In the event where work is being performed on a premises displaying signage such as no-parking, speed limits and so on, the Contractor will abide by the requirements of such signage except if otherwise instructed.

#### **2.5.19 Permits**

- 1) The Contractor shall draft and implement where required permits which may include the following:

- Use of Explosives and Blasting;
  - Work for which a fall prevention plan is required;
  - Use of cradles, and
  - Electrical work
  - Hot works
- 2) The Contractor will ensure that where permits are required that it is used and adhered to.

## **2.6 Physical Requirements**

### **2.6.1 Demolition Work**

- 1) Prior to any demolition work being carried out, the Principal Contractor shall submit a safe working procedure and a detailed engineering survey for approval by the Client.
- 2) Such Safe Work Procedures' must where possible be submitted with the Site SHE Plan
- 3) Acceptance will then be issued to the Principal Contractor to proceed with the demolition work.
- 4) The Principal Contractor shall ensure that demolition work complies with the Construction Regulations of February 2014.
- 5) In the event where a structure identified for demolition includes substances such as lead or asbestos it must be performed within the requirements of the applicable legislative.
- 6) It is the Principal Contractor responsibility to locate and determine where all underground services are and make safe before any excavating, digging etc. is done

### **2.6.2 Excavations, Shoring, Dewatering or Drainage**

- 1) All excavation work must be performed under the supervision of a Competent Person as specified in Annexure B of this document and the Construction Regulations of July 2003.
- 2) Adequate Shoring and Bracing must be provided where required to ensure that the health and safety of the employees working in such excavations are not put at risk.
- 3) Adequate provisions must be made to ensure that water is drained from excavations which may enter such excavations as a result of seepage or rain.
- 4) All excavation made by the Contractor must be clearly demarcated and protected to prevent accidental access.
- 5) Barricading tape may only be used to make solid barricading more visible and may not be used as a means of barricading.

- 6) In addition to the abovementioned the requirements of Regulation 11 of the Construction Regulations of July 2003 must be adhered to.

### **2.6.3 Edge Protection .**

- 1) All open edges posing the risk of resulting in injuries or damage to equipment must be adequately guarded fenced or barricaded or other similar suitable means used to prevent injuries or damage to equipment.
- 2) Barricading tape is not deemed to be suitable and may only be used in addition to other suitable means as indicated above.

### **2.6.4 Explosives and Blasting**

- 1) All explosives must be transported or stored according to the requirements of SANS 0228.
- 2) Written approval must be obtained from the Chief Inspector Occupational, Health and Safety prior to any blasting activities taking place.
- 3) A copy of such permission from the Chief Inspector Occupational, Health and Safety must be supplied to the client prior to Blasting.
- 4) Prior to blasting a siren must be sounded, warning flags posted and guards placed at strategic locations points to prevent accidental entry to the blasting area.

### **2.6.5 Stacking of Materials**

- 1) Stacking and storage of materials must be performed under the Supervision of a Competent Person whom has been appointed in writing as required by Annexure B.
- 2) Storage areas must be designated, kept neat and under control. In addition to the abovementioned the requirements of General Safety Regulations as promulgated by Government Notice No R1031 dated 30 May 1986 as amended must be complied with.
- 3) In the event that unauthorized persons may enter an area where materials are stacked such area must be barricaded off to prevent access to such area.

### **2.6.6 Speed Restrictions and Protections**

- 1) Unless otherwise stipulated the speed limit on site to be adhered to is 10 Km/h.
- 2) Vehicle movement routes on site must be clearly indicated where applicable.

- 3) Signage to ensure the safe movement of vehicles on site as well as to ensure the health and safety of all employees and visitors on site must be displayed in strategic locations.

## **2.6.7 Hazardous Chemical Substances (HCS)**

- 1) All employees required to use Hazardous Chemical Substances or products containing Hazardous Chemical Substances must be adequately and comprehensively trained with regard to the requirements of the Hazardous Chemical Substances Regulations as amended in Government Gazette No 25130 of June 2003, the potential sources of exposure and the potential risks to their health caused by exposure.
- 2) In addition to the abovementioned, Material Safety Data Sheets must be kept on site for all materials, which may contain hazardous chemical substances.

## **2.6.8 Asbestos**

- 1) Asbestos work may only be performed subject to prior notification of the Provincial Director, Occupational Health and Safety, Department of Labour, in writing.
- 2) Proof of such notification must be supplied to the Client prior to work proceeding.
- 3) All asbestos work shall be carried out as per the Asbestos Abatement Regulations by an approved Asbestos Contractor.
- 4) All employees must be informed and receive training on aspects such as the contents and scope of the Asbestos Abatement Regulations as published in Government Gazette 23108 of November 2020, the potential risks of exposure to asbestos, precautionary measures employees have to take and all other requirements deemed necessary to provide a safe and healthy environment for all employees as specified by the Asbestos Abatement Regulations as indicated above.
- 5) All asbestos will be removed from site by an approved asbestos contractor to an approved asbestos dump site. Certificate must be issued on completion on removal of all asbestos on site indicating that the site is clear of all asbestos.

## **2.7 Plant and Machinery**

### **2.7.1 Construction Plant**

- 1) All Construction Plant must comply with and be used in conjunction with the requirements of Section 23 of the Construction Regulations and in specific that all records of inspections rendering such plant safe must be kept on site.
- 2) Operators will be competent and trained and copies of training

- certificates shall be placed on the health and safety file on site.
- 3) Operators shall be in possession of medical certificate declaring that they are physically and psychologically fit to operate such construction vehicle and plant and copy of medical certificate shall be on the file.
  - 4) Original operating and medical certificates shall be kept by the operators and shall be on site in-possession of the operators at all times.

### **2.7.2 Vessels under Pressure (VUP)**

The Principal Contractor and all relevant Contractors shall comply with the Vessels under Pressure Regulations, including:

- Providing competency and awareness training to the operators;
- Providing PPE or clothing;
- Inspecting equipment regularly and keeping records of inspections;
- Providing appropriate firefighting equipment.

### **2.7.3 Fire Extinguishers and Fire Fighting Equipment**

- 1) The Principal Contractor and Sub Contractors shall provide or ensure adequate provision of regularly serviced firefighting equipment located at strategic points on site, specific to the classes of fire likely to occur.
- 2) The appropriate notices and signs must be posted up as required.
- 3) Contractors may not utilize fire protection equipment belonging to the client without prior consent.

### **2.7.4 Hired Plant and Machinery**

- 1) The Contractor shall ensure that any hired plant and machinery used on site is safe for use.
- 2) The requirements as stipulated by the OHS Act 85/1993 and Construction Regulations of February 2014 shall apply.
- 3) The Principal Contractor shall ensure that operators hired with machinery are competent and that certificates are kept on site in the Site Health and Safety File. All relevant Contractors must ensure the same.

### **2.7.5 Scaffolding / Working at Heights**

- 1) Working at heights includes any work that takes place in an elevated position in excess of 2m.
- 2) The Contractor must submit a risk-specific fall prevention plan and include a rescue plan in accordance with the Construction

Regulations of February 2014 before this work is undertaken.

- 3) The fall prevention plan must be approved by the Client before work may commence.

### **2.7.6 Formwork and Support Work for Structures**

- 1) The Principal Contractor shall ensure that the provisions of Section 10 of the Construction Regulations of February 2014 are adhered to.
- 2) These provisions must include but not be limited to ensuring that all equipment used is examined for suitability before use; that all Formwork and Support Work is inspected by a competent person immediately before, during and after placement of concrete or any other imposed load and thereafter on a daily basis until the Formwork and Support Work has been removed.
- 3) Records of all inspections must be kept in a register on site.

### **2.7.7 Lifting Machines and Tackle**

- 1) The Contractor shall ensure that lifting machinery and tackle is inspected before use and thereafter in accordance with the Driven Machinery Regulations and the Construction Regulations (Section 20).
- 2) There must be a competent appointed lifting Machinery and Tackle Inspector on site who must inspect the equipment daily or before use, taking into account that:
  - All lifting machinery and tackle has a safe working load clearly indicated;
  - Regular inspection and servicing is carried out;
  - Records are kept of inspections and of service certificates;
  - There is proper supervision in terms of guiding the loads that includes a trained banksman to direct lifting operations and check lifting tackle;
  - The tower crane bases have been approved by an engineer;
  - The operators are competent as well as physically and psychologically fit to work and be in possession of a medical certificate of fitness which must be available on site.

### **2.7.8 Ladders and Ladder Work**

- 1) The Contractor shall ensure that all ladders are inspected at least monthly, are in a good safe working order, are the correct height for the task, extend at least 1m above the landing, fastened and secured, and at a safe angle.
- 2) Records of inspections must be kept in a register on site.

### **2.7.9 General Machinery**

The Contractor shall ensure compliance with the Driven Machinery Regulations, which include inspecting machinery regularly, appointing a competent person to inspect and ensure maintenance, issuing PPE or clothing, and training those who use machinery.

### **2.7.10 Portable Electrical Tools and Explosive Powered Tools**

- 1) The Contractor shall ensure that use and storage of all explosive powered tools and portable electrical tools are in compliance with relevant legislation.
- 2) The Contractor shall ensure that all electrical tools, electrical distribution boards, extension leads, and plugs are kept in a safe working order.
- 3) The Contractor shall apply the following:
  - A competent person undertakes routine inspections and records are kept.
  - Only authorized trained persons use the tools.
  - The safe working procedures apply.
  - Awareness training is carried out and compliance is enforced at all times.
  - PPE and clothing is provided and maintained.
  - A register indicating the issue and return of all explosive rounds is implemented and maintained, and
  - That signs are posted up in the areas where explosive powered tools are being used.

### **2.7.11 High Voltage Electrical Equipment**

- 1) All contractors must be made aware of the presence and location of High Voltage Equipment such as underground cables and overhead lines, and that the necessary precautionary steps are taken where work has to be executed in the vicinity of such equipment.
- 2) Precautionary measures such as Isolation and Lock-Out of electrical systems or the use of electrically isolated tools must be used.

### **2.7.12 Public and Site Visitor Health and Safety**

- 1) The Contractor shall ensure that every person working on or visiting the site, as well as the public in general, shall be made aware of the dangers likely to arise from site activities, including the precautions to be taken to avoid or minimize those dangers.
- 2) Appropriate Health and Safety Notices and signs shall be posted up, but shall not be the only measure taken.

### **2.7.13 Night Work**



The Contractors must ensure that adequate lighting is provided to allow for work to be carried out safely.

#### **2.7.14 Transportation of Workers**

- 1) The Contractor and shall not:
  - Transport persons together with goods or tools unless there is an appropriate area or section to store such goods.
  - Transport persons on the back of trucks except if a proper canopy (properly covering the sides and top) has been provided with suitable seating areas.
  - Permit workers to stand or sit on the edge of the transporting vehicle.
  - Transport workers in LDV's unless they are closed/covered and have the correct number of seats for the passengers.
- 2) No driver will transport more than six people on the back of a 1 Ton LDV and more than four passengers on the back of a ½ Ton LDV.
- 3) The driver of any LDV will not permit more than 2 passengers to occupy the cab of any single cab LDV and 4 passengers of any double cab LDV.
- 4) All vehicles operated on the site will in all aspects comply with the requirements of the Road Traffic Ordinance Act
- 5) Drivers of such vehicles will have a valid license for the code of vehicle being driven by them.
- 6) No servicing of vehicles will be permitted on a Construction Site, which is occupied by staff working for the Client.
- 7) Servicing or repairs of vehicles on site may only take place if such activities are performed with the necessary procedures in place to prevent any harmful effects to the environment.
- 8) All waste generated from servicing vehicles must be disposed off in accordance with relevant Environmental legislation.
- 9) In the event where Earth Moving Equipment is present on site the following must be adhered to:
  - Drivers of vehicles must be instructed to avoid parking behind earth moving vehicles to ensure that their vehicles are visible to the operator of earth moving vehicles.
  - Right of way must be afforded to earth moving machinery at all times.
  - Vehicles must only be permitted to park where possible in designated areas

## **2.8 Occupational Health and Environmental Management.**

### **2.8.1 Occupational Hygiene**

- 1) Exposure of workers to occupational health hazards and risks is very common in any work environment, especially in construction.
- 2) Occupational exposure is a major problem and all Contractors must ensure that proper health and hygiene measures are put in place to prevent exposure to these hazards.
- 3) Contractors must prevent inhalation, ingestion, absorption, and noise induction.
- 4) Site-specific health risks are tabled in Annexure D such as cement -dust, wood-dust, noise and so on but is not limited to these items.
- 5) Water to be utilized for drinking purposes may only be drawn from taps designated for drinking water purposes. Fire hydrants and fire hose reels may not be utilized for drinking water purposes.
- 6) In the event where staff is required to be away from home due to the work they have to perform on behalf of the Contractor, the Contractor will provide suitable clean dry and hygienic accommodation, the cost thereof shall be borne by the Contractor.

### **2.8.2 Environmental Management**

- 1) The Contractor shall take all precautionary steps to prevent any pollution of the Environment.
- 2) Any material, which may pose a harmful effect when disposed of by normal means, must be disposed of in an appropriate manner to eliminate its harmful effect on the environment after disposal.
- 3) The Contractor will ensure that adequate procedures are implemented and maintained to ensure that all waste generated including asbestos waste is placed in suitable receptacles and removed from the site promptly.
- 4) Plans to deal with spillages must be in place and maintained.
- 5) No waste materials liquid or solid may be disposed of in drains.
- 6) No burning of waste material may take place where such material being burned may result in pollution of the air or give

off toxic vapors which could be harmful to the health of employees or any other person present on site.

### **2.8.3 Welfare Facilities**

- 1) Contractors will supply sufficient toilets (1 toilet per 30 workers). Toilets will be so positioned that it is in close proximity of the workers. If more toilets are required contractors must make provision for this.
- 2) Showers (1 for every 15 workers).
- 3) Changing facilities.
- 4) Hand washing facilities, soap, toilet paper, and hand drying materials.
- 5) Waste bins must be strategically placed and emptied regularly.
- 6) Safe, clean storage areas must be provided for workers to store personal belongings and personal protective equipment.
- 7) Workers must not be exposed to hazardous materials/substances while eating and must be provided with sheltered eating areas.

### **2.8.4 Alcohol and other Drugs**

- 1) No alcohol and other drugs will be allowed on site without the express permission of the Principal Contractor.
- 2) No person may be under the influence of alcohol or any other drugs while on the construction site.
- 3) Any person on prescription drugs must inform his/her Employer, who shall in turn report this to the Principal Contractor forthwith.
- 4) Any person suffering from any illness/condition that may have a negative effect on his/her safety performance must report this to his/her Employer, who in turn must report this to the Principal Contractor forthwith.
- 5) Any person suspected of being under the influence of alcohol or other drugs must be sent home immediately, to report back the next day for a preliminary inquiry. A full disciplinary procedure must be followed by the Contractor concerned and a copy of the disciplinary action must be forwarded to the Principal Contractor for his records.

## **2.9 Electrical fencing.**

- 1) Contractor must comply with sect 12, 13 and 14 of the Electrical

## **2.10 Managing Exposure to SARS-COV-2**

- 1) On the expiry of the declaration of the National State of Disaster under GN313 OF 15 March 2020, Notice No.R.1876 has been issued for the provision of Good Code of Practice: Managing Exposure to SARS-COV-2 in the Workplaces.
- 2) The Regulations for Hazardous Biological Agents, 2022 (HBA Regulations) list coronavirus as a listed hazardous biological agent, classed as group 3. It therefore places legal responsibilities on employers in respect of employers to limit the exposure and mitigate the risks of infection by SARS CoV-2.

## ANNEUXRE A

The Contractor must submit proof of compliance with Annexure A with the construction phase H&S plan where applicable.

<b>HSS Item No.</b>	<b>Requirement</b>	<b>OHSA Requirement</b>	<b>Submission Date</b>
2.3.1	Notification of Intention to Commence Construction/Building Work	Complete Annexure 2 (Construction Regulations)	Before commencement on site
2.3.2	Assignment of Responsible Persons	All relevant appointments as per OHS Act, Construction Regs and Annexure B	Together with SHE Plan
2.3.3	Competence of Responsible Persons	Client Requirement & OHS Act	Together with SHE Plan
2.3.4	Compensation of Occupational Injuries and Diseases Act (COIDA) 130 of 1993	Construction Reg and Client Requirement	Together with SHE Plan
2.3.5	Occupational Health and Safety Policy	OHS Act	Together with SHE Plan
2.3.6	Health and Safety Organogram	Client Requirement	Together with SHE Plan
2.3.7	Initial Hazard Identification and Risk Assessment	Construction Regs.	Together with SHE Plan

## ASSIGNMENT OF CONTRACTOR'S RESPONSIBLE PERSONS

### ANNEXURE B

The Principal Contractor shall make the following appointments according to the initial risk assessment or as deemed necessary: (further appointments could become necessary as the project progresses)

<b>Appointment</b>	<b>OHSA Reference</b>	<b>Requirement abbreviated</b>
CEO Assignee	Section 16(2)	A competent person to assist with the on-site H&S, overall responsibility – Contractor's Responsible Person
Construction Manager	CR 8(1)	A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties.
Construction Work Supervisor	CR 8(7)	A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties.
Subordinate Construction Work Supervisors	CR 8(8)	A competent person to assist with daily supervision of construction work. The person assists the Construction Work Supervisor.
Health and Safety Officer	CR 8(5)	A competent Health and Safety officer in the control of all safety related aspects on site for the duration of the repair phase of this project.
Health & Safety	Section 17	A competent person(s) to inspect H&S in reference to plant, machinery and Health & Safety of persons in the workplace.
Health & Safety Committee Member(s)	Section 19	A competent person(s) representing the employer to assist with the on site Health & Safety matters.
Incident /Accident Investigator	GAR 8	A competent person(s) to investigate incidents/accidents on site and could be: <ul style="list-style-type: none"> <li>• The employer</li> <li>• H&amp;S Representative</li> <li>• Designated person</li> <li>• Members of the H&amp;S Committee</li> </ul>
Risk Assessment Co-ordinator	CR 9	A competent person(s) to co-ordinate all risk assessments on behalf of the Principal Contractor. The same applies to Contractors.
Fall Protection Plan Co-ordinator	CR 10	A competent person(s) to prepare & amend the fall protection plan.
First Aiders	GSR 3	A qualified person(s) to address all on site first aid cases.
Lifting Machine & Equipment inspector	DMR 18	A competent person(s) to inspect lifting machines, equipment & tackle.
Scaffolding Erector	CR 16.1	A competent person(s) to erect scaffolding
Scaffolding Inspector	CR 16.2	A competent person(s) to inspect scaffolding before use and every time after bad weather etc
Temporary Works	CR 12	A competent person(s) to inspect formwork & support work

Excavation Inspector	CR 13	A competent person(s) to inspect excavation work and ensure that approved safe working procedures, are followed at all times
Ladder Inspector	GSR 13A	A competent person(s) to inspect monthly and ensure they are safe for use, keeping monthly record
Stacking Supervisor	CR 28	A competent person(s) to supervise all stacking and storage operations
Demolition Supervisor	CR 14(1)	A competent person(s) to supervise all demolition work
Explosive Powered Tools Inspector/Supervisor	CR 21	A competent person(s) to inspect & clean the tool daily and controlling all operations thereof.
Temporary Electrical Installations Supervisor	CR 24	A competent person(s) to control all temporary electrical installations.
Construction vehicles and Mobile Plant Supervisor.	CR 23(1)(k)	A competent person to inspect vehicles and plant on a daily basis prior to use and record such finding in register.
Fire-Fighting Equipment Inspector	CR 29	A competent person(s) to inspect fire-fighting equipment with required training certificate.

## OTHER REQUIREMENTS

### ANNEXURE C

The Principal Contractor shall comply but not be limited to the following requirements: report on these to the Client at progress meetings or at least monthly whichever is sooner.

<b>What</b>	<b>When</b>	<b>Output</b>	<b>Accepted by Client &amp; date</b>
Induction training	Every worker before he/she starts work.	Attendance registers	
Awareness Training (Tool Box Talks)	At least weekly	Attendance registers	
Health & Safety Reports	Monthly	Report covering: <ul style="list-style-type: none"> <li>• Incidents/accidents and investigations</li> <li>• Non conformances by employees &amp; External H&amp;S audit reports</li> </ul>	
Emergency procedures	Ongoing evaluation of procedure	Table procedure in writing as well as tel. Numbers	
Risk assessment	Continuous	Documented risk assessment	
Safe work procedures	Drawn up before workers are exposed to new risks	Documented set of safe work procedures (method statements) updated and signed off.	
General Inspections	Weekly & daily	Report OHS Act compliance: <ul style="list-style-type: none"> <li>• Scaffolding</li> <li>• Excavations</li> <li>• Formwork &amp; support work</li> <li>• Explosive tools</li> </ul>	
General Inspections	Monthly	<ul style="list-style-type: none"> <li>• Fire-fighting equipment</li> <li>• Portable electrical equipment</li> <li>• Ladders</li> <li>• Lifting equipment/slings</li> </ul>	
List of contractors	List to be updated weekly	Table list, number of workers and Company tel. Numbers	
Workmen's Compensation	Ongoing	Table a list of Contractors' Workman's Compensation proof of good standing	
Construction site rules & Section 37.2 Mandatory Agreement	Ongoing	Table a report of all signed up Mandatory's	



SARS-CoV-2 Good Code of Practice reads with HBA	Ongoing	Prepare risk assessment and plan	
--	---------	-------------------------------------	--

## **ANNEXURE D**

### **Project/site Specific Requirements**

The following is a list of activities and considerations that have been identified for the project and site and for which the Risk Assessment, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor.

- Demolition work
- Brick work
- Concrete work
- Creating openings in walls
- Preparation of paint surfaces
- Painting of walls
- Working with cement products
- Dust
- Metal/Steel work
- Exposure to noise
- Establishment of site office
- Locating of existing services
- Loading and offloading of trucks
- Aggregate/sand and other material delivery
- Protection against dehydration and heat exhaustion
- Manual and mechanical handling
- Lifting and lowering operations.
- Use of Potable electrical Equipment
  - Angle grinder
  - Electric Drilling Machine
  - Skill Saw
- Use and storage of flammable liquids and other Hazardous substances
- Site works
- Excavations
- Electrical installation work
- Mechanical works
- Working in the vicinity of the public and staff of the client
- Working at heights
- Working with construction machinery and plant
- Persons working in close vicinity of construction machinery and plant.
- Hot works i.e. welding, flame cutting etc.

#### **NOTE:**

The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be split down to individual tasks and all associated hazards identified and listed in the risk assessment. This ensures that the critical tasks and subsequent critical hazards are not missed.

**NB:-**

**Although some of the work related to health and safety work is mentioned /noted in certain measured items in the bill of quantities it is still the contractor's responsibility to allow in his tender price for all work related to health and safety and the requirements as per this Health and Safety Specification.**





public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

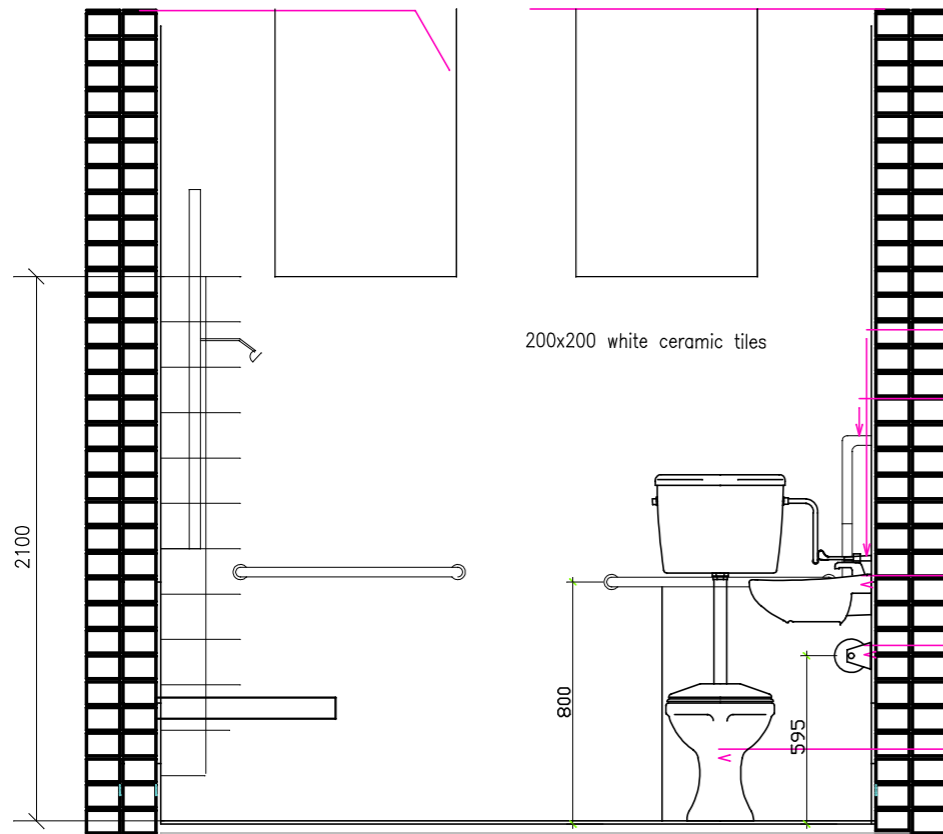
Tender No: CPT 1001/22

## **Part C6: Annexes**

Annex A – Architectural Drawings

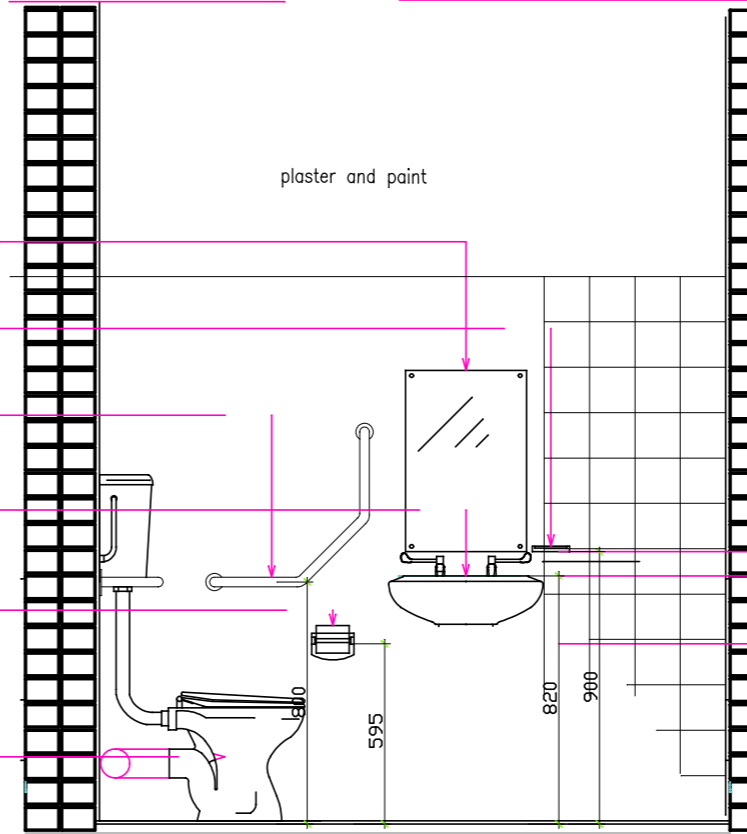
Annex B – Electrical Drawings

# NEW BATHROOM FOR GRAAN SUIER BUILDING



**DETAIL D**

- Mirror 400w x 600h manuf. from 18/10 stainless steel with reflective polished surface, pre drilled for screw to wall fixing
- 125x90 wall mounted soap tray manuf. from 18/10 stainless steel with a deep drawn ribbed tray with screws and plugs
- 32mm dia stainless steel tube, brushed finish grab rails. Dog leg side grab rails and cistern rails to be fixed to wall
- Vaal or similar vitreous china "Hibiscus" basin with three semi punched holes, intergrated overflow and chainstay hole 1/2" Elbow Action Pillartap,chrome plated
- Wall mounted toilet roll holder manuf. from 3mm thk stainless steel with thief resistant controlled delivery spindle, as supplied by Franke or similar. size 140x88
- Vaal or similar vitreous china Protea Paraplegic 90° outlet pan and matching 9 litre cistern, complete with lid and all fitments incl. purpose made C.P side flush lever.

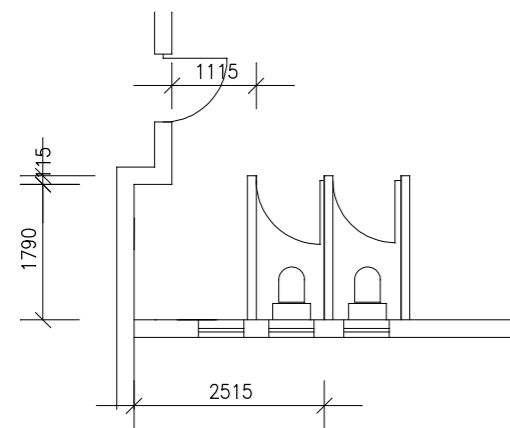


**DETAIL C**

plaster and paint

- +900 soapdish/mirror
- +820 whb
- +595 cl toilet roll holder

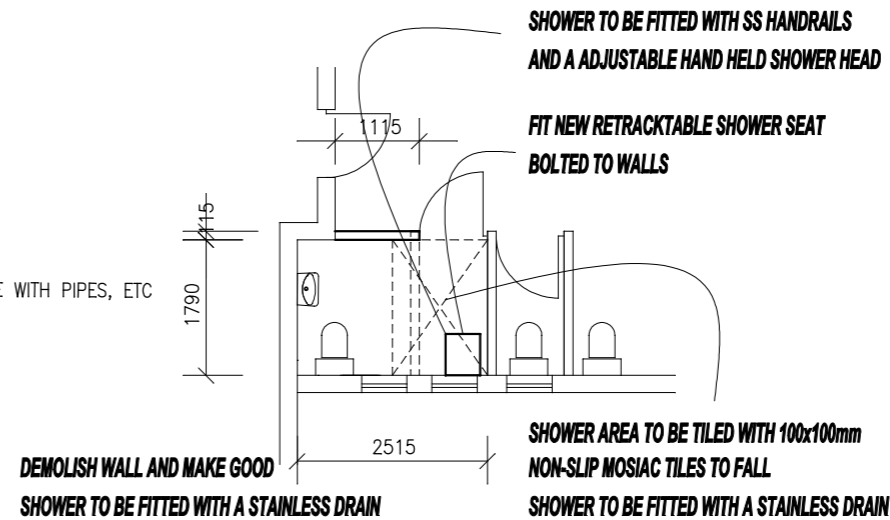
**NB: ALLOW FOR ENTIRE BATHROOM TO BE PAINTED**



**EXISTING LAYOUT**

Lights to be fitted with movement sensors  
install new emergency alarm and isolator.

- NOTES:
- TILE ALL WALLS - 200x200mm WHITE GLAZED TILES
  - TILE ALL FLOORS 300x300mm NCI NON-SLIP TILES
  - REMOVE EXISTING WALL TILES IN DISABLED TOILET AND REPLACE WITH NEW
  - REMOVE EXISTING SANITARY FITTINGS WHERE INDICATED AND SUPPLY AND FIT NEW SANITARY WARE WITH PIPES, ETC
  - REPAINT EXISTING WINDOW FRAMES
  - REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR WITH FRAMES
  - DOOR TO SWING TO OUTSIDE - DISABLED BATHROOM
  - NEW IRON MONGERY TO BE INSTALLED TO NEW ENTRANCE DOORS - DISABLED BATHROOM



**PROPOSED LAYOUT**

DEMOLISH WALL AND MAKE GOOD  
SHOWER TO BE FITTED WITH A STAINLESS DRAIN

SHOWER TO BE FITTED WITH SS HANDRAILS  
AND AN ADJUSTABLE HAND HELD SHOWER HEAD

FIT NEW RETRACTABLE SHOWER SEAT  
BOLTED TO WALLS

SHOWER AREA TO BE TILED WITH 100x100mm  
NON-SLIP MOSIAC TILES TO FALL  
SHOWER TO BE FITTED WITH A STAINLESS DRAIN

## NOTES

**DIMENSIONS**  
all dimensions must be checked and verified against existing structure on site.  
all discrepancies must be pointed out to the architect before work commence. all dimensions to be checked and verified on site.


never scale from this drawing.

**LEVELS**  
all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

**MATERIALS**  
all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION



**DEPARTMENT OF PUBLIC WORKS**  
Private Bag 955  
Pretoria  
0001  
Tel (012) 337 2000

Director-General

**SERVICE**  
OUDTSHOORN DOD

**TITLE**  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

**SHOWN**  
PROPOSED BATHROOM FOR GRAAN SUIER

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR
DF	ARCH 02

## plan view - STAFF BATHROOMS-

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

# NEW BATHROOM FOR ROOIWAL , TALENI & BUILDING 117

## NOTES

### DIMENSIONS

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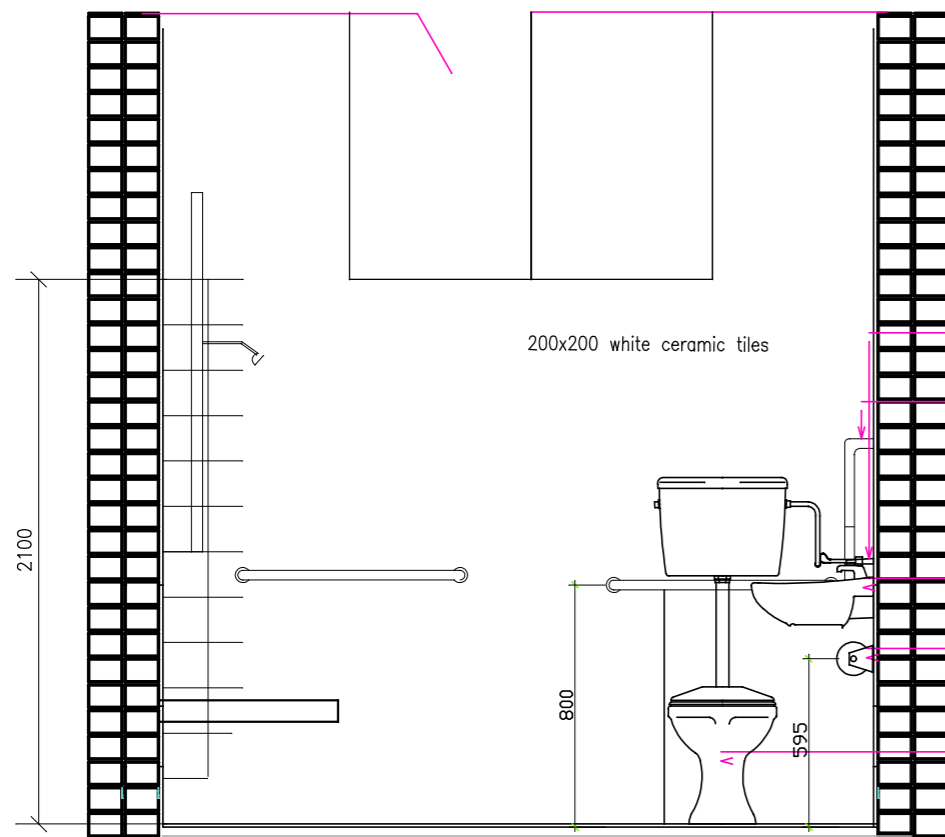
### LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371



Mirror 400w x 600h manuf. from 18/10 stainless steel with reflective polished surface, pre drilled for screw to wall fixing

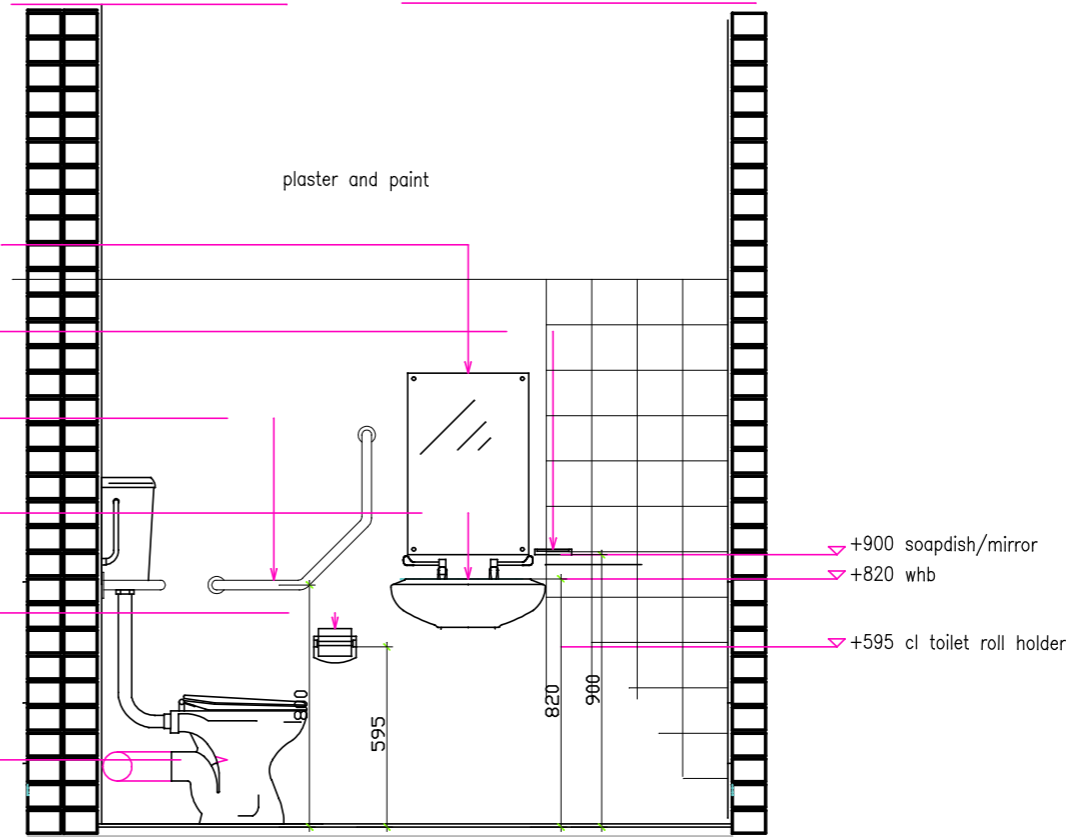
125x90 wall mounted soap tray manuf. from 18/10 stainless steel with a deep drawn ribbed tray with screws and plugs

32mm dia stainless steel tube, brushed finish grab rails. Dog leg side grab rails and cirstern rails to be fixed to wall

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Wall mounted toilet roll holder manuf. from 3mm thk stainless steel with thief resistant controlled delivery spindle, as supplied by Franke or similar. size 140x88

Vaal or similar vitreous china Protea Paraplegic 90' outlet pan and matching 9 litre cirstern, complete with lid and all fitments incl. purpose made C.P side flush lever.



plaster and paint

+900 soapdish/mirror

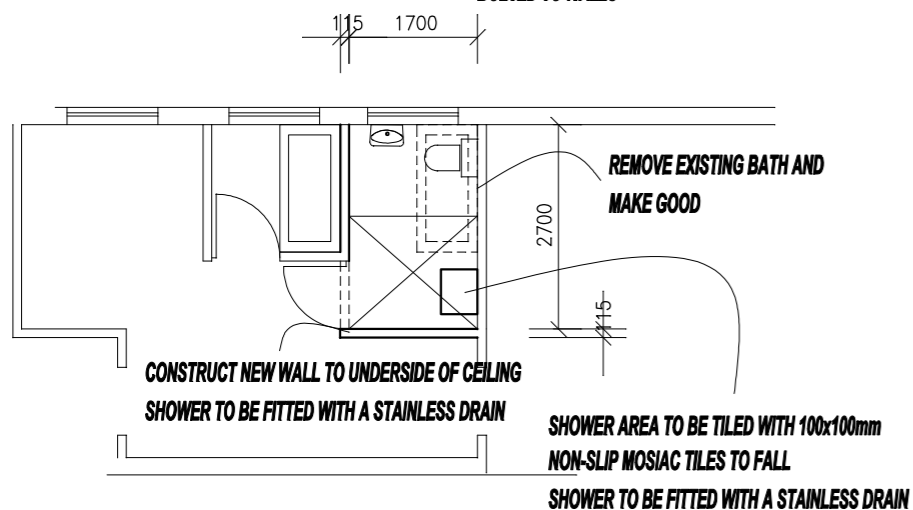
+820 whb

+595 cl toilet roll holder

## DETAIL D

SHOWER TO BE FITTED WITH SS HANDRAILS AND A ADJUSTABLE HAND HELD SHOWER HEAD

FIT NEW RETRACKTABLE SHOWER SEAT BOLTED TO WALLS



Lights to be fitted with movement sensors  
install new emergency alarm and isolator.

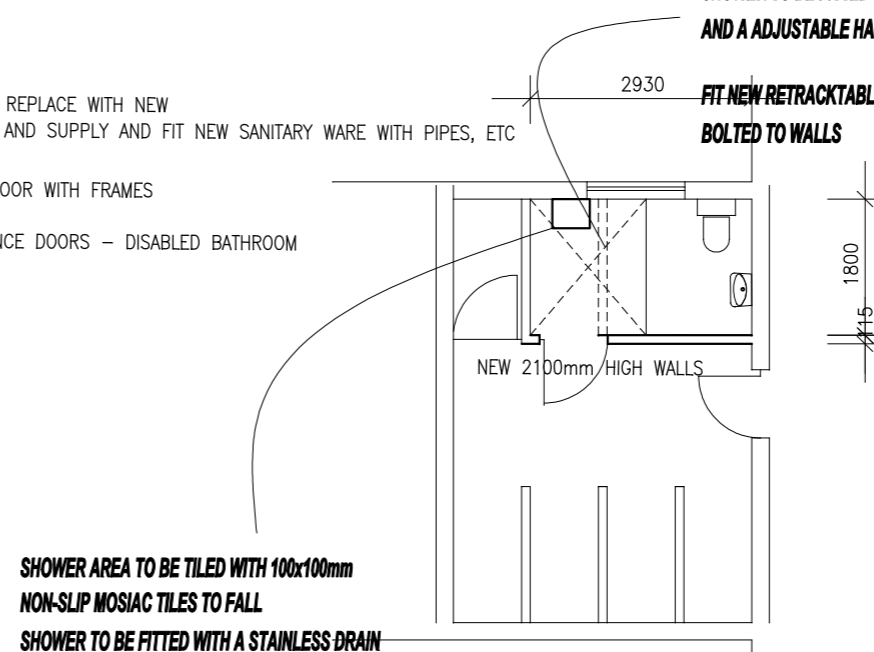
### NOTES:

TILE ALL WALLS - 200x200mm WHITE GLAZED TILES  
TILE ALL FLOORS 300x300mm NCI NON-SLIP TILES  
REMOVE EXISTING WALL TILES IN DISABLED TOILET AND REPLACE WITH NEW  
REMOVE EXISTING SANITARY FITTINGS WHERE INDICATED AND SUPPLY AND FIT NEW SANITARY WARE WITH PIPES, ETC  
REPAINT EXISTING WINDOW FRAMES  
REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR WITH FRAMES  
DOOR TO SWING TO OUTSIDE - DISABLED BATHROOM  
NEW IRON MONGERY TO BE INSTALLED TO NEW ENTRANCE DOORS - DISABLED BATHROOM

## DETAIL C

SHOWER TO BE FITTED WITH SS HANDRAILS AND A ADJUSTABLE HAND HELD SHOWER HEAD

FIT NEW RETRACKTABLE SHOWER SEAT BOLTED TO WALLS



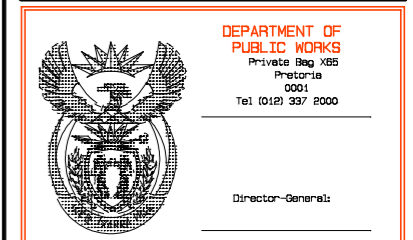
SHOWER AREA TO BE TILED WITH 100x100mm NON-SLIP MOSIAC TILES TO FALL  
SHOWER TO BE FITTED WITH A STAINLESS DRAIN

## plan view - BATHROOM FOR ROOIWAL & TALENI

## BATHROOM :BUILDING 117

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

Amendments		
NR	DATE	DESCRIPTION

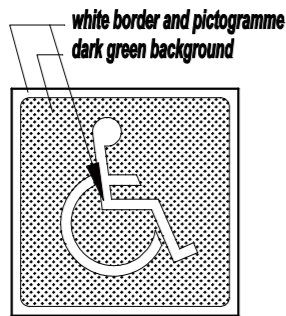


SERVICE  
OUDTSHOORN DOD

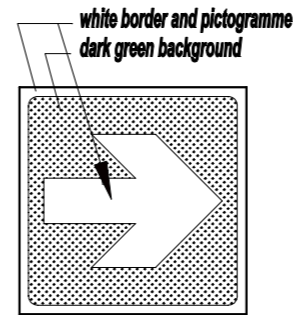
TITLE  
ACCESSIBILITY FOR PERSONS WITH DISABILITIES

SHOWN  
PROPOSED BATHROOM FOR ROOIWAL, TALENI & BUILDING 117

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
	ARCH 02
DRAWN	SHEET NR.
DF	



**ALLOW FOR DIRECTIONAL SIGNS TO ALL RAMPS AND WALKWAYS**



## Paraplegic Sign

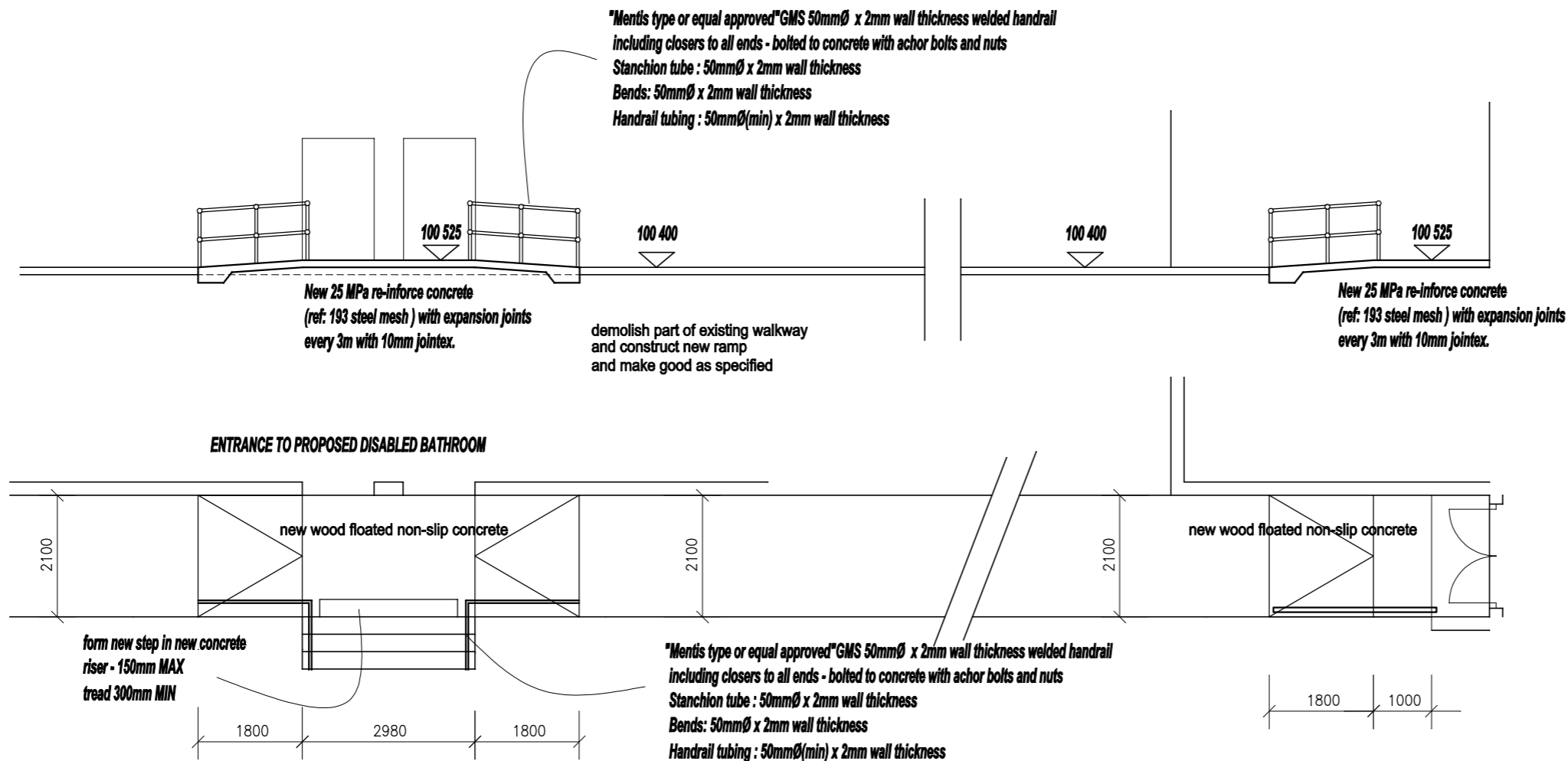
Sign type "A"

Scale 1 : 5 - Sign for wall mounting

## Direction Indicator

Sign type "B"

Scale 1 : 5 - Sign for wall mounting



## plan view - NEW RAMPS ON EXISTING WALKWAYS- HQ Building

1:100

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

### LEVELS


all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION



**DEPARTMENT OF PUBLIC WORKS**  
Private Bag 985  
Pretoria  
0001  
Tel: (012) 337 2000

Director-General:

SERVICE

**OUTSHOORN DOD**

TITLE

**ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

SHOWN

**NEW RAMPS TO HQ BATHROOMS**

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR
DF	ARCH 03



# NOTES

## DIMENSIONS

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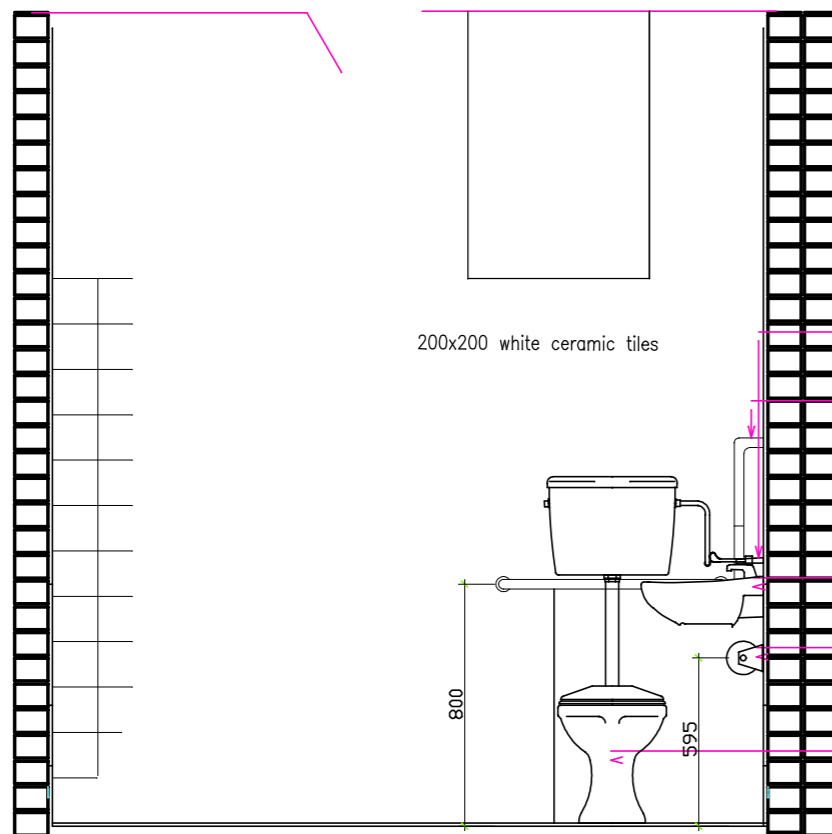
## LEVELS

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## MATERIALS

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**DETAIL D**

Mirror 400w x 600h manuf. from 18/10 stainless steel with reflective polished surface, pre drilled for screw to wall fixing

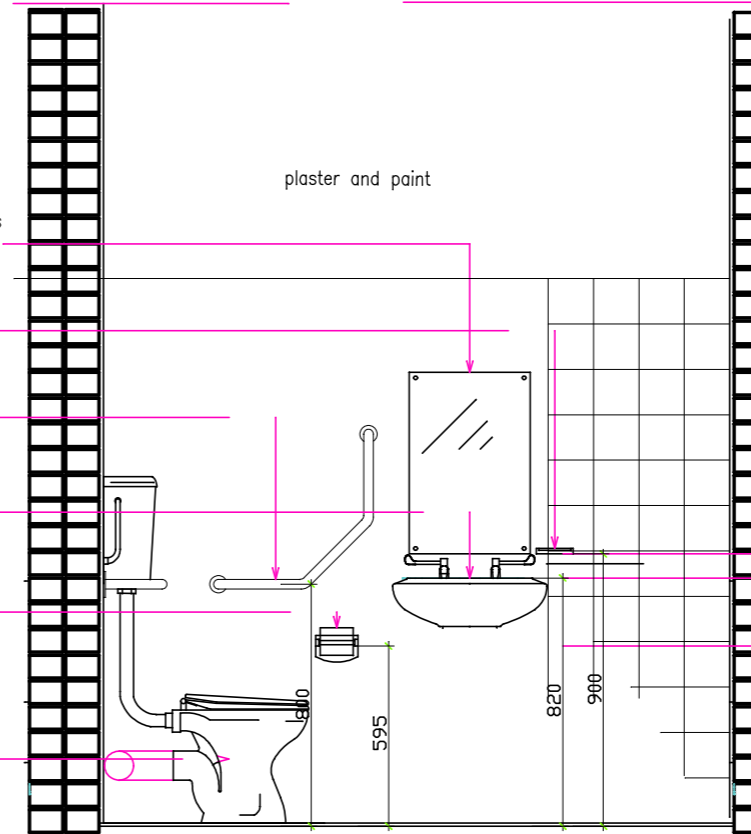
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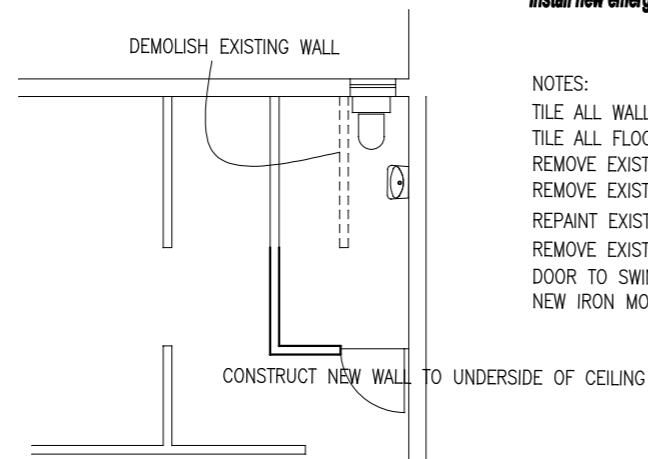
Vaal or similar vitreous china Protea Paraplegic 90' outlet pan and matching 9 litre cirstern, complete with lid and all fitments incl. purpose made C.P side flush lever.



**DETAIL C**

+900 soapdish/mirror  
+820 whb  
+595 cl toilet roll holder

Lights to be fitted with movement sensors  
install new emergency alarm and isolator.



**PROPOSED LAYOUT**


NOTES:  
TILE ALL WALLS - 200x200mm WHITE GLAZED TILES  
TILE ALL FLOORS 300x300mm NCI NON-SLIP TILES  
REMOVE EXISTING WALL TILES IN DISABLED TOILET AND REPLACE WITH NEW  
REMOVE EXISTING SANITARY FITTINGS WHERE INDICATED AND SUPPLY AND FIT NEW SANITARY WARE WITH PIPES, ETC  
REPAINT EXISTING WINDOW FRAMES  
REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR WITH FRAMES  
DOOR TO SWING TO OUTSIDE - DISABLED BATHROOM  
NEW IRON MONGERY TO BE INSTALLED TO NEW ENTRANCE DOORS - DISABLED BATHROOM

# plan view - STAFF BATHROOMS- OFFICERS CLUB

1:100

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

Amendments		
NR	DATE	DESCRIPTION



DEPARTMENT OF PUBLIC WORKS  
Private Bag X85  
Pretoria  
0001  
Tel (012) 337 2000  
Director-General:

SERVICE  
**OUTSHOORN DOD**

TITLE  
**ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

SHOWN  
**PROPOSED BATHROOM FOR OFFICERS CLUB**

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR
DF	

# NOTES

## DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

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never scale from this drawing.

## LEVELS

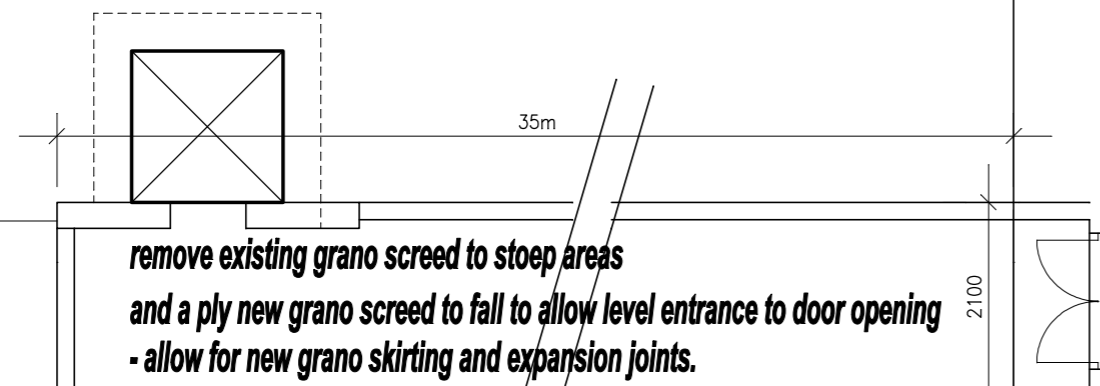
all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

## MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

**NB: New disbled lift to specialist specification and installation**



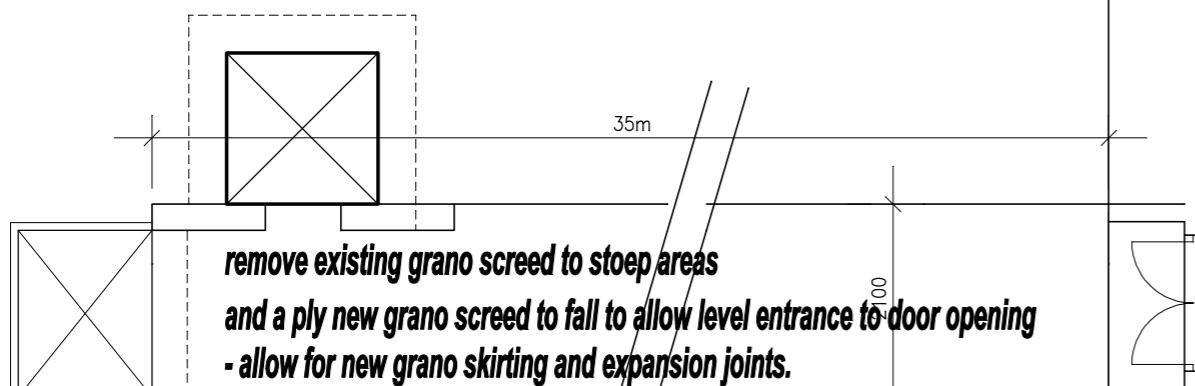
## FIRST FLOOR WALKWAYS - HQ

1:100

## MAIN FOYER

remove existing grano screed to stoep areas and a ply new grano screed to fall to allow level entrance to door opening - allow for new grano skirting and expansion joints.

**NB: New disbled lift to specialist specification and installation**



## GROUND FLOOR WALKWAYS - HQ


1:100

## MAIN FOYER

remove existing grano screed to stoep areas and a ply new grano screed to fall to allow level entrance to door opening - allow for new grano skirting and expansion joints.

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

Amendments		
NR	DATE	DESCRIPTION



**DEPARTMENT OF PUBLIC WORKS**  
Private Bag 925  
Pretoria  
0001  
Tel (012) 337 2000

Director-General

<b>SERVICE</b>
OUDTSHOORN DOD
<b>TITLE</b>
ACCESSIBILITY FOR PERSONS WITH DISABILITIES
<b>SHOWN</b>
NEW SCREED TO WALKWAYS HQ BUILDING
<b>SCALE</b>
CAD REFERENCE
<b>DATE</b>
DRAWING NUMBER ARCH 04
<b>DRAWN</b>
SHEET NR DF

# NOTES

## DIMENSIONS

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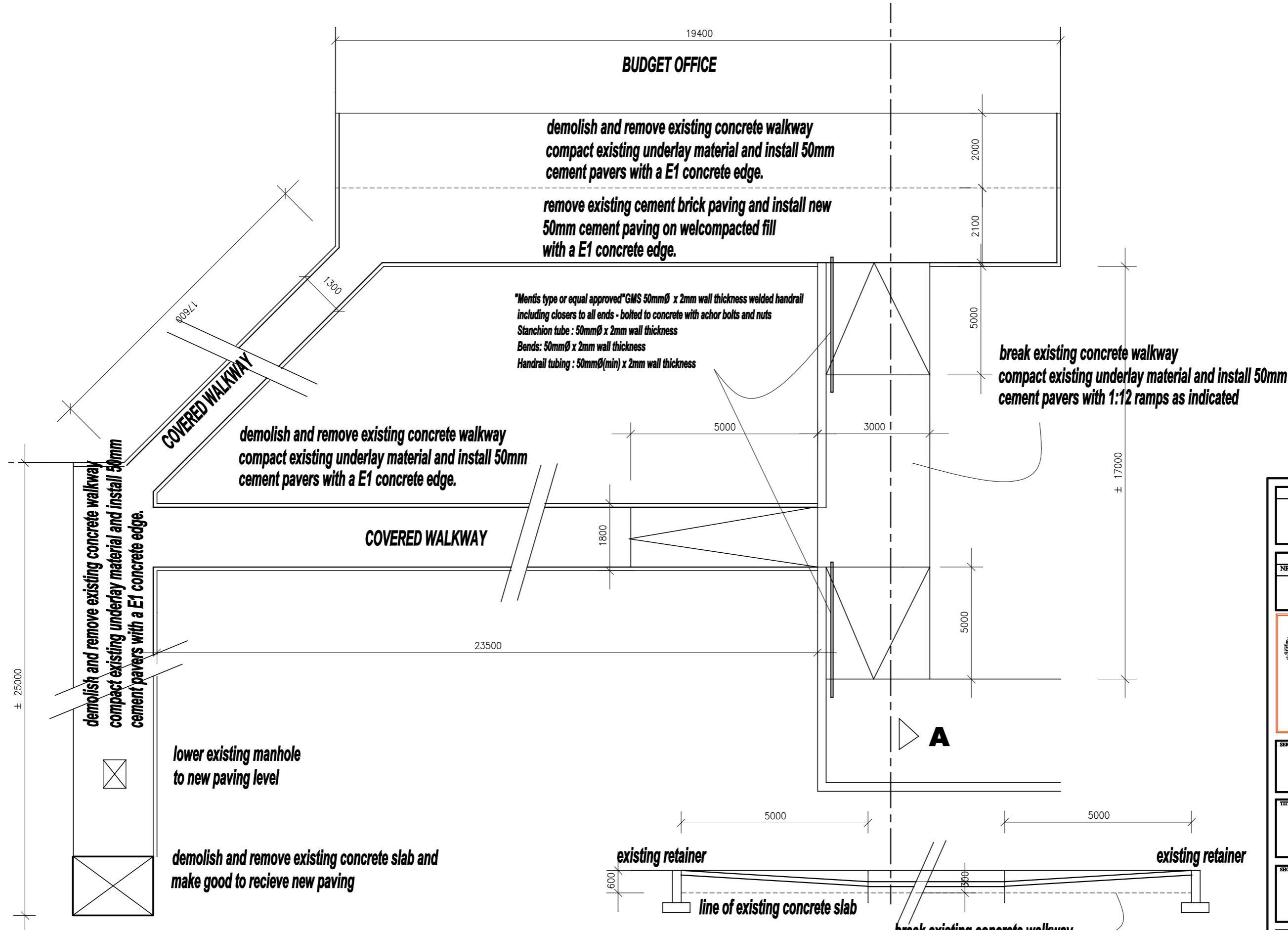
## LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

## MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371




# COURTYARD WALKWAYS - HQ

1:100

# SECTION A

break existing concrete walkway  
compact existing underlay material and install 50mm  
cement pavers with 1:12 ramps as indicated

Amendments		
NR	DATE	DESCRIPTION
 DEPARTMENT OF PUBLIC WORKS Private Bag X85 Pretoria 0001 Tel (012) 337 2000 Director-General: _____		
SERVICE		
OUDTSHOORN DOD		
TITLE		
ACCESSIBILITY FOR PERSONS WITH DISABILITIES		
SHOWN		
COURTYARD WALKWAYS HQ BUILDING		
SCALE	CAD REFERENCE	
DATE	DRAWING NUMBER	
	ARCH 05	
DRAWN	SHEET NR.	
DF		

# OFFICERS CLUB & BUILDING 117

## NOTES

### DIMENSIONS

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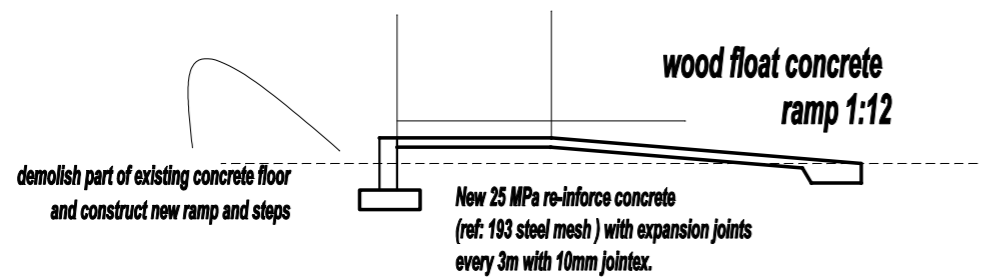
### LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

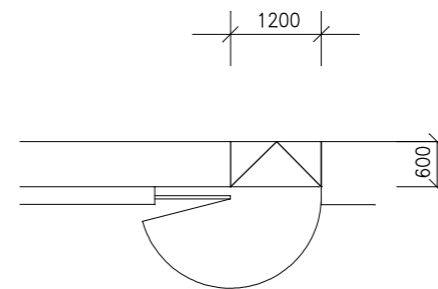
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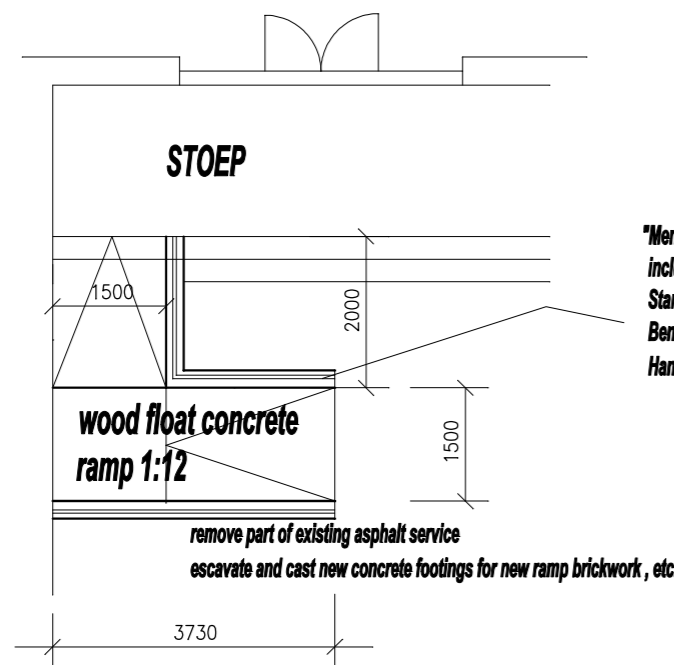
## SECTIONAL ELEVATION

1:100

ALTER EXISTING GATE BOTTOM RAIL AND CONSTRUCT NEW GRANO RAMP TO BACK ENTRANCE DOOR - WOOD FLOATED

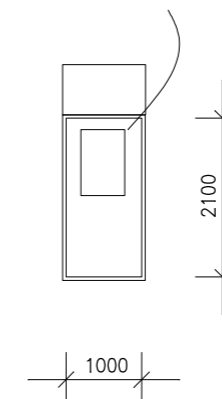


## BUILDING 117



\*Mentis type or equal approved\* GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness

REMOVE EXISTING TIMBER DOUBLE DOOR AND FIT NEW 1000mm WIDE HARDWOOD DOOR - VARNISHED

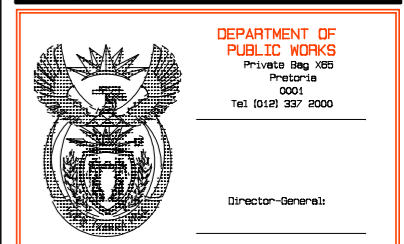


## NEW RAMP LAYOUT - OFFICERS CLUB

1:100

## BUILDING 117

Amendments		
NR	DATE	DESCRIPTION



SERVICE	OUDTSHOORN DOD
---------	----------------

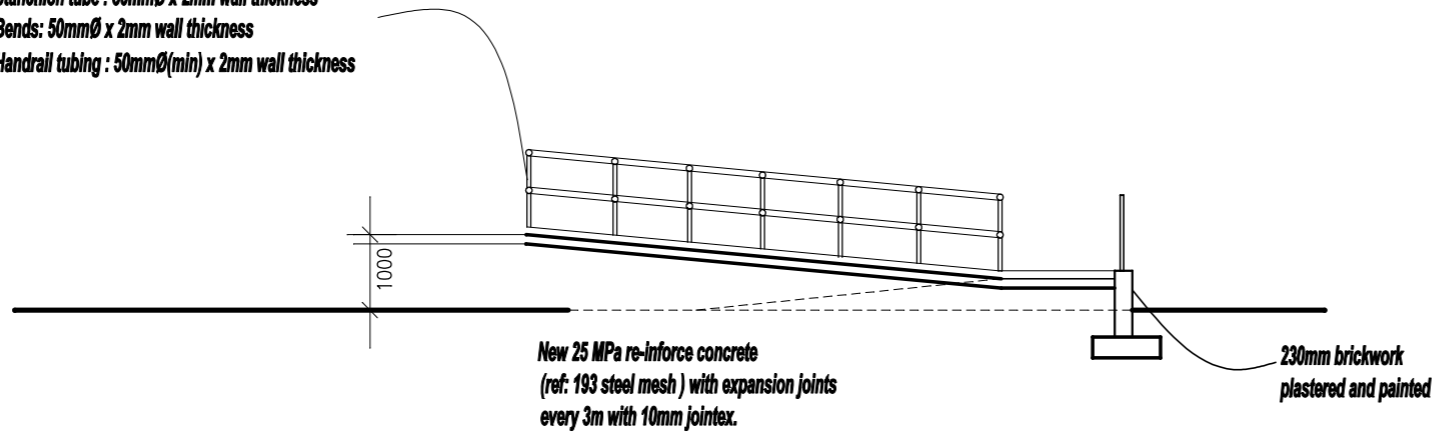
TITLE	ACCESSIBILITY FOR PERSONS WITH DISABILITIES
-------	---

SHOWN	NEW RAMP AT OFFICERS CLUB & BUILDING 117
-------	--

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR
DF	ARCH 11

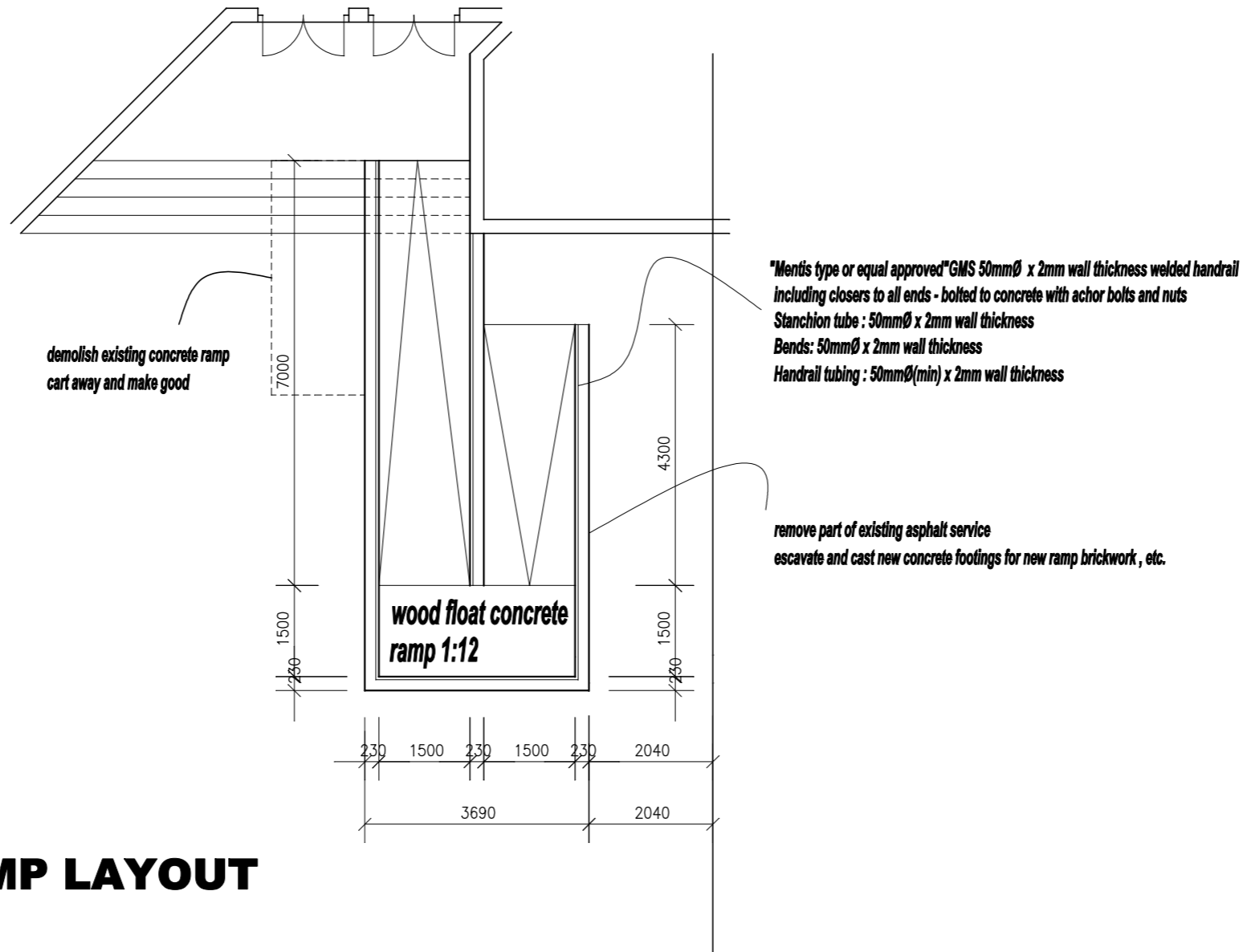
# ENTRANCE TO THE AUDITORIUM

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## SECTIONAL ELEVATION

1:100



## NEW RAMP LAYOUT

1:100

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.


### LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

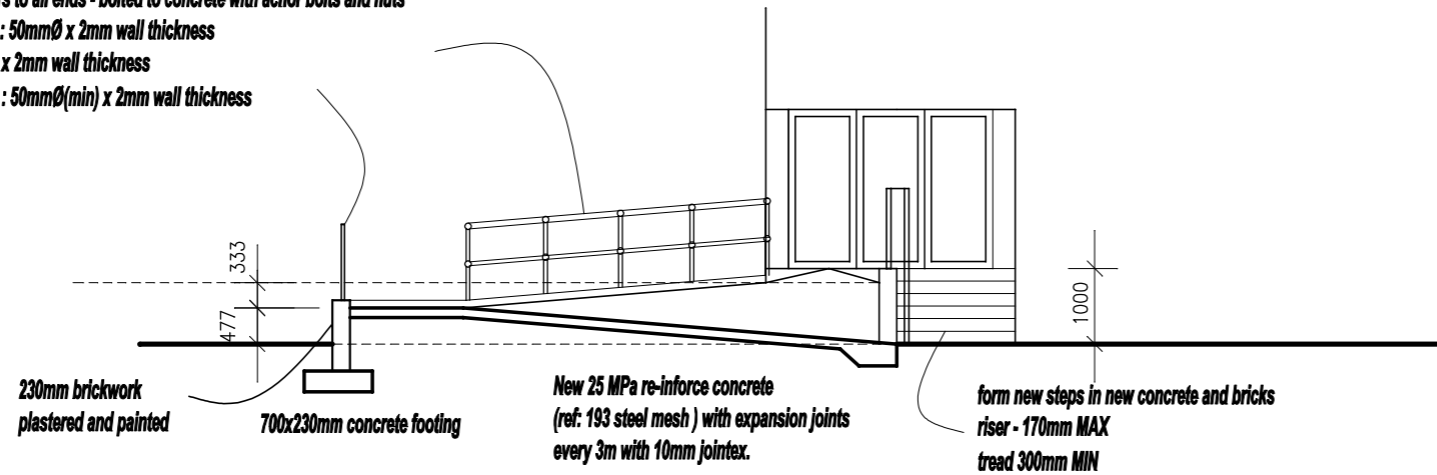
### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION
 DEPARTMENT OF PUBLIC WORKS Private Reg XBS Pretoria 0001 Tel (012) 337 2000 Director-General:		
SERVICE		
OUDTSHOORN DOD		
TITLE		
ACCESSIBILITY FOR PERSONS WITH DISABILITIES		
SHOWN		
NEW RAMP AT AUDITORIUM		
SCALE	CAD REFERENCE	
DATE	DRAWING NUMBER	
DRAWN	SHEET NR	
DF	ARCH 07	

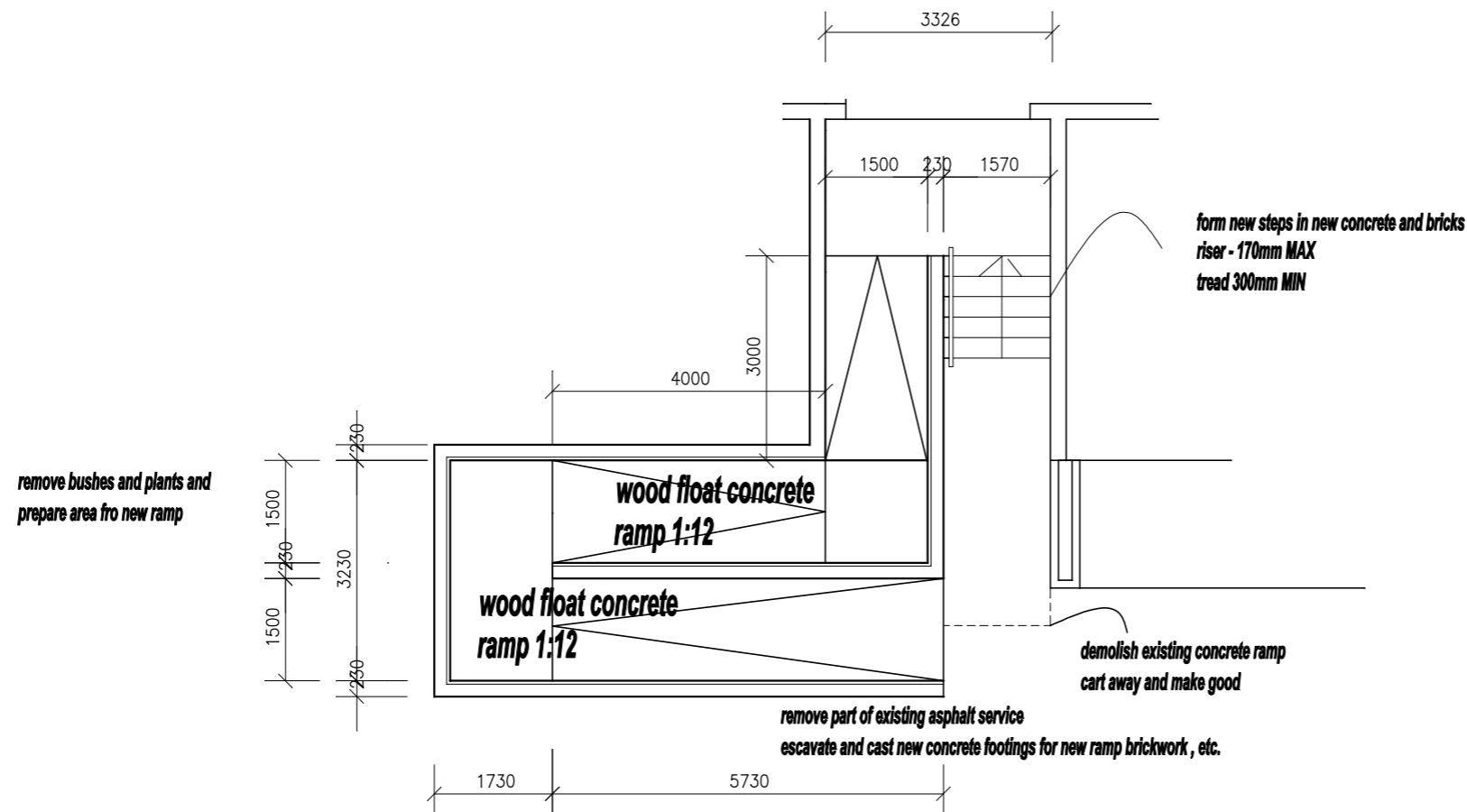
# HUIS : BOENKE

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## SECTIONAL ELEVATION

1:100



## NEW RAMP LAYOUT

1:100

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

### LEVELS


all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION



DEPARTMENT OF PUBLIC WORKS  
 Private Bag X85  
 Pretoria  
 0001  
 Tel: (012) 937 2000

Director-General: \_\_\_\_\_

SERVICE

**OUTSHOORN DOD**

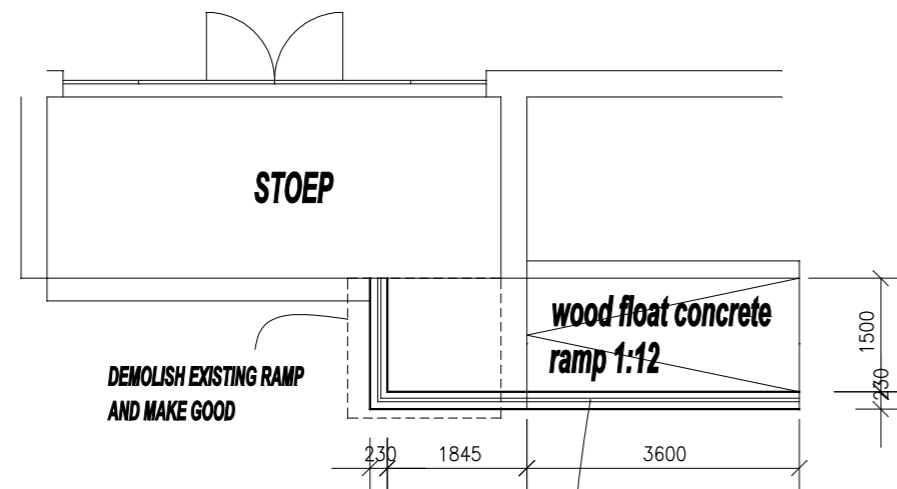
TITLE

**ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

SHOWN

**NEW RAMP AT HUISE: BOENKE**

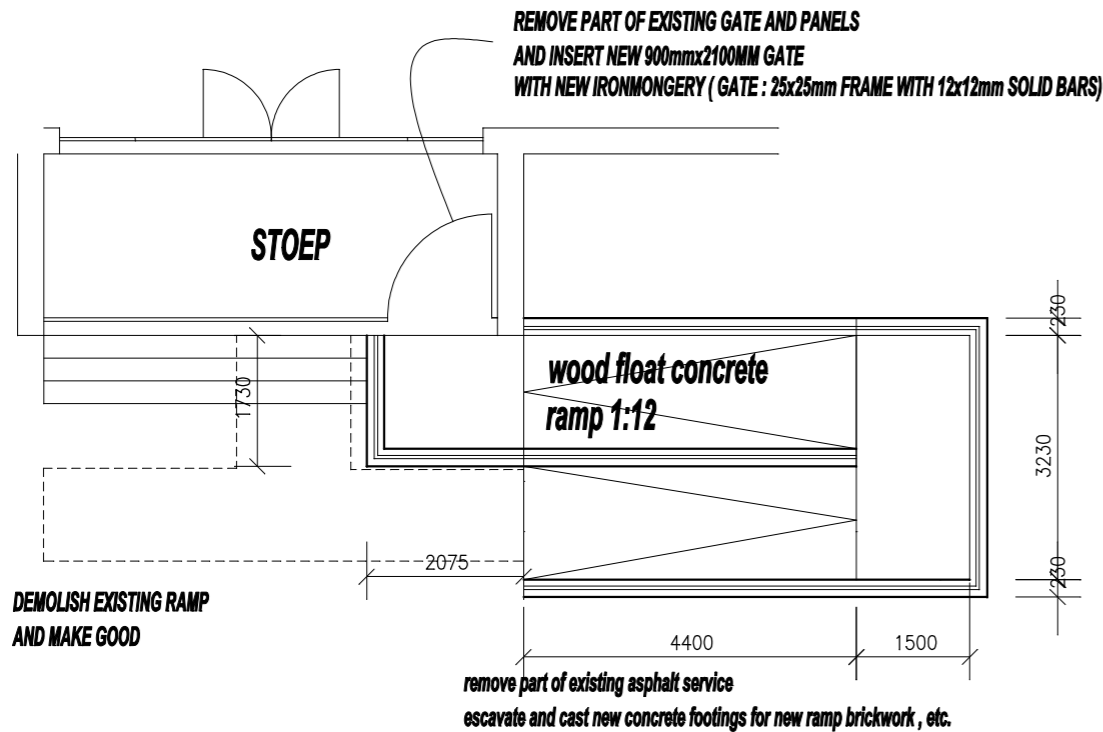
SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR.
DF	ARCH 06



## NEW RAMP LAYOUT- LIBRARY

1:100

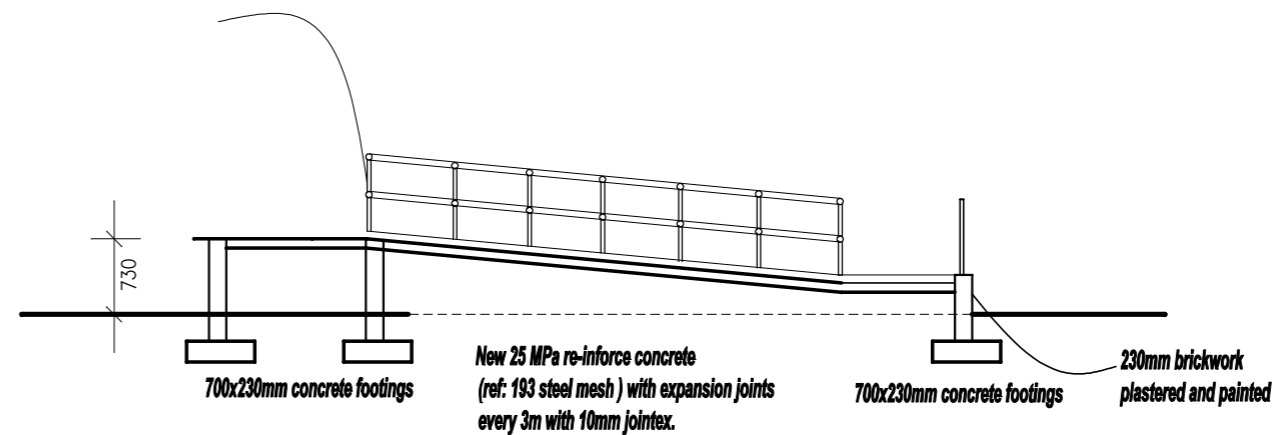
"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## NEW RAMP LAYOUT - TRAINING FACILITY

1:100

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## SECTIONAL ELEVATION

1:100

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.


### LEVELS

all levels to match existing.

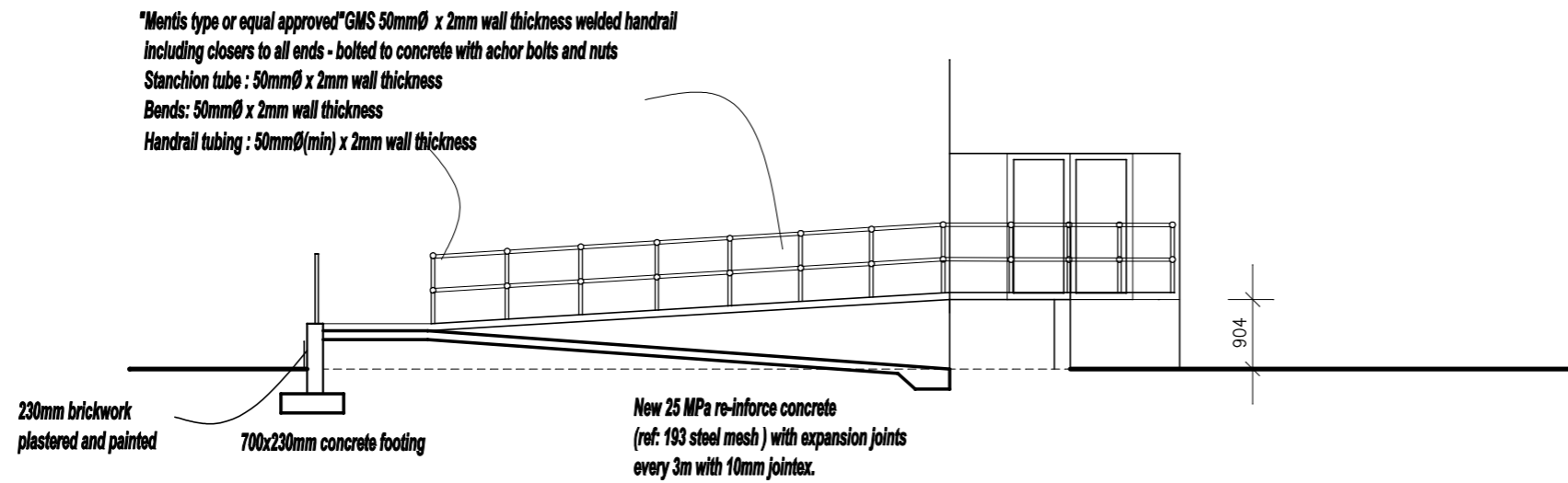
all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

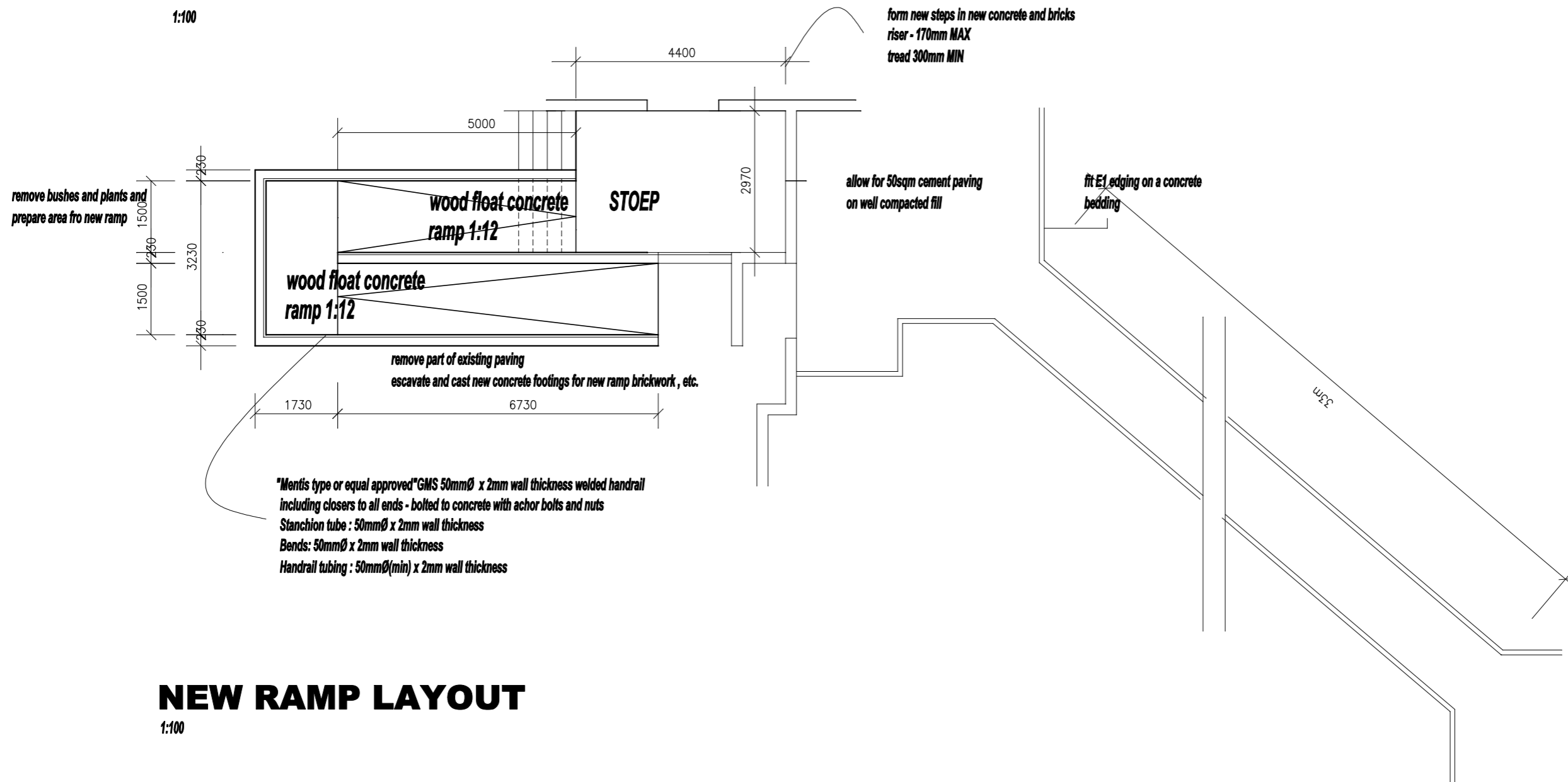
Amendments		
NR.	DATE	DESCRIPTION
 DEPARTMENT OF PUBLIC WORKS Private Bag 985 Pretoria 0001 Tel (012) 337 2000  Director-General:		
SERVICE <b>OUTDSHOORN DOD</b>		
TITLE <b>ACCESSIBILITY FOR PERSONS WITH DISABILITIES</b>		
SHOWN <b>NEW RAMP AT LIBRARY AND TRAINING FACILITY</b>		
SCALE	CAD REFERENCE	
DATE	DRAWING NUMBER	
DRAWN	SUBSET NR.	
DF	ARCH 11	

# GRAAN SUIER BUILDING



## SECTIONAL ELEVATION

1:100



## NEW RAMP LAYOUT

1:100

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.


### LEVELS

all levels to match existing.

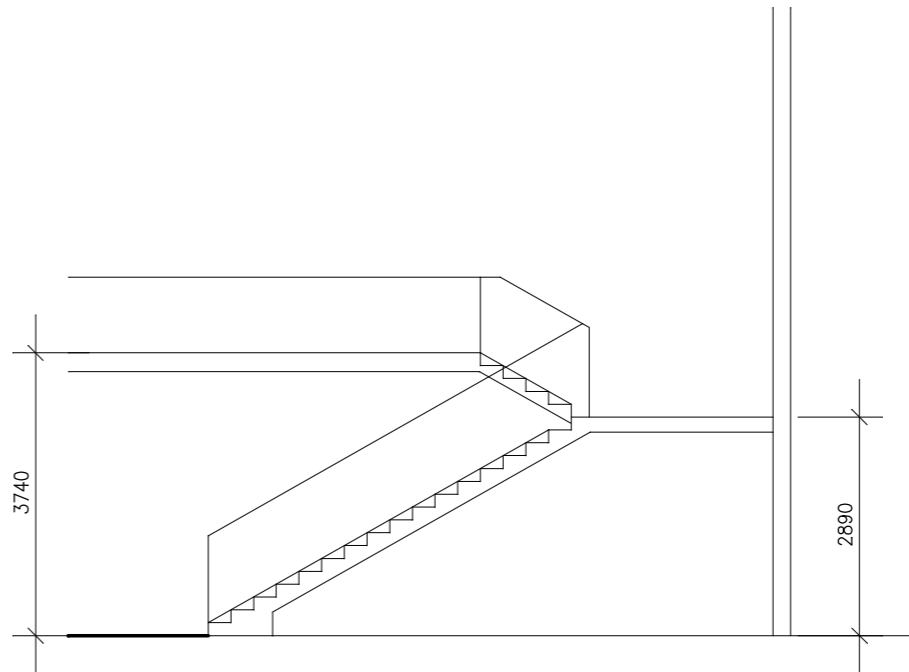
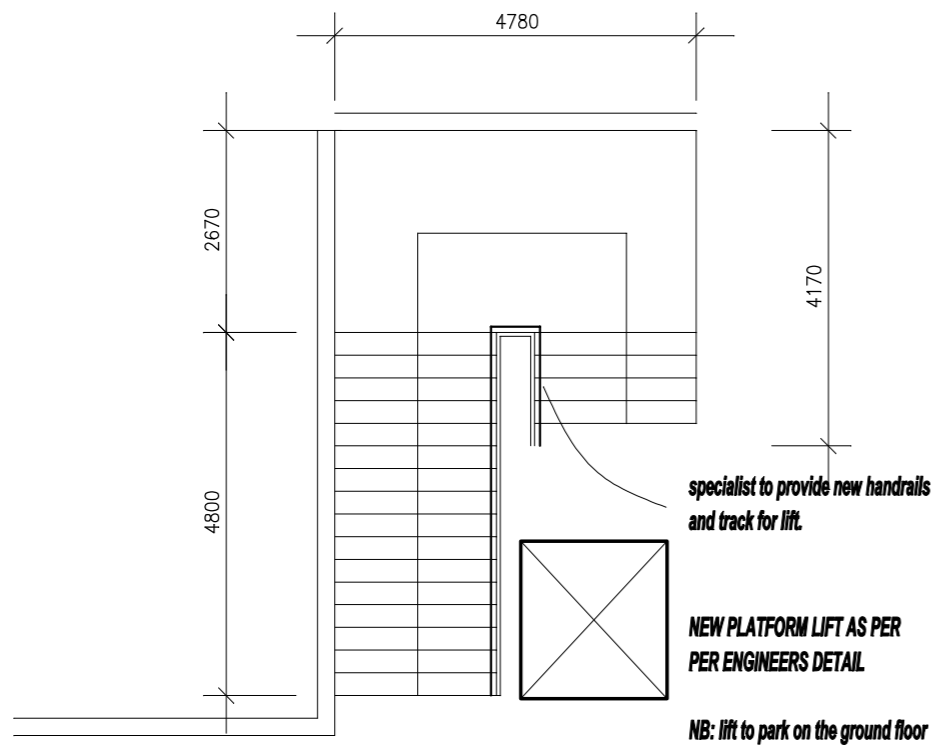
all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION
 <b>DEPARTMENT OF PUBLIC WORKS</b> Private Bag X85 Pretoria 0001 Tel: (012) 337 2000  Director-General: _____		
<b>SERVICE</b> OUDTSHOORN DOD		
<b>TITLE</b> ACCESSIBILITY FOR PERSONS WITH DISABILITIES		
<b>SHOWN</b> NEW RAMP AT GRAAN SUIER BUILDING		
SCALE	CAD REFERENCE	
DATE	DRAWING NUMBER	
DRAWN	SUBSET NR.	
DF	ARCH 06	





**NOTES**

**DIMENSIONS**

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

**LEVELS**

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

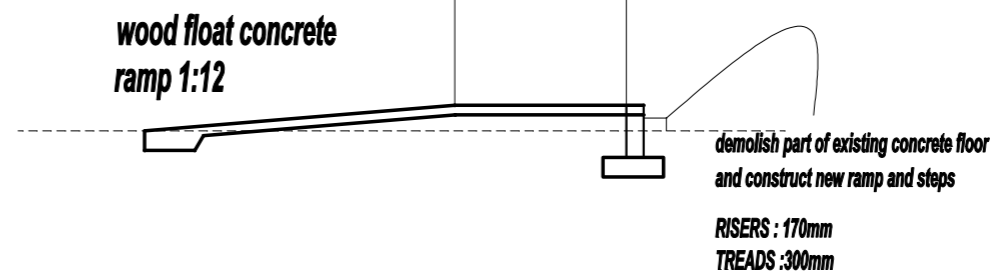
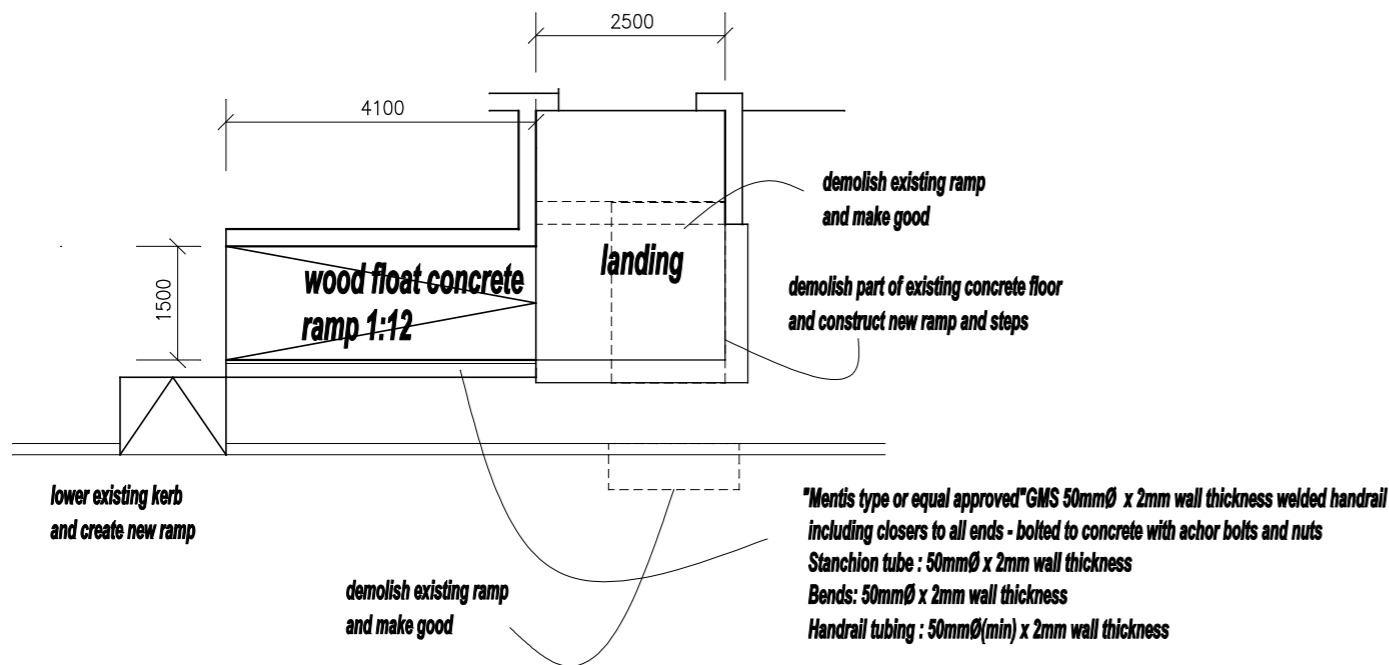
**MATERIALS**

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

**PASSAGE**

**NEW PLATFORM LIFT TO BE FITTED TO EXISTING STAIRCASE**

1:100




**SECTIONAL ELEVATION**

1:100

**NEW RAMP LAYOUT- REAR ENTRANCE TRAINING FACILITY**

1:100

Amendments		
NR	DATE	DESCRIPTION
 <b>DEPARTMENT OF PUBLIC WORKS</b> Private Bag X85 Pretoria 0001 Tel (012) 357 2000  Director-General:		
SERVICE		
OUDTSHOORN DOD		
TITLE		
ACCESSIBILITY FOR PERSONS WITH DISABILITIES		
SHOWN		
NEW RAMP AT AUDITORIUM		
SCALE	CAD REFERENCE	
DATE	DRAWING NUMBER	
	ARCH 07	
DRAWN	SHEET NR	
DF		

# NOTES

## DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

## LEVELS

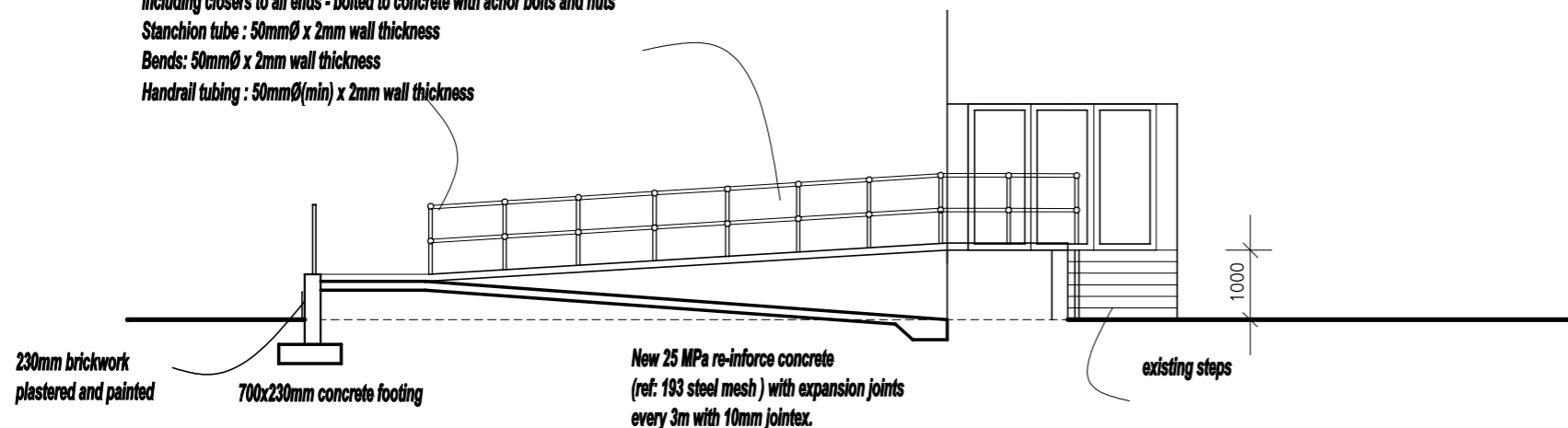
all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

## MATERIALS

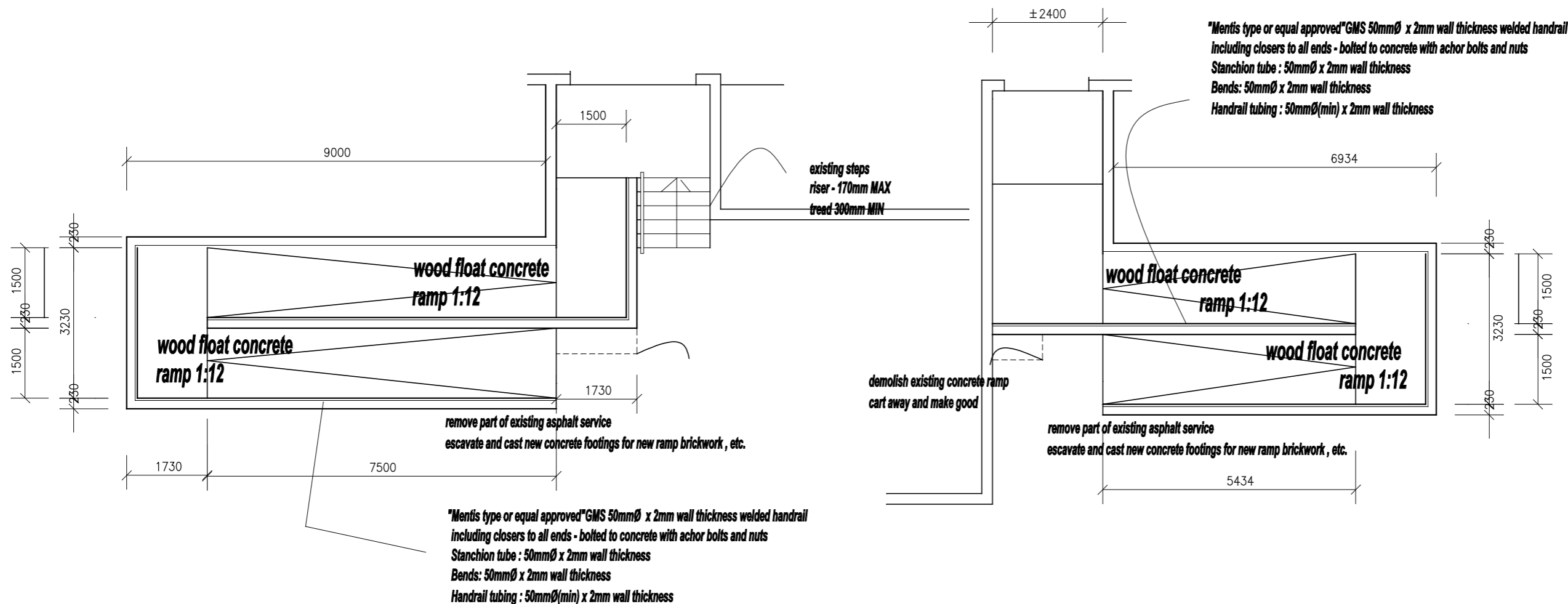
all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



# SECTIONAL ELEVATION

1:100



# NEW RAMP LAYOUT

1:100

# NEW RAMP LAYOUT-SERVICE ENTRANCE

1:100

Amendments		
NR	DATE	DESCRIPTION

Amendments		
NR	DATE	DESCRIPTION

DEPARTMENT OF  
PUBLIC WORKS  
Private Bag X85  
Pretoria  
0001  
Tel (012) 937 2000

Director-General:

**OUDTSHOORN DOD**

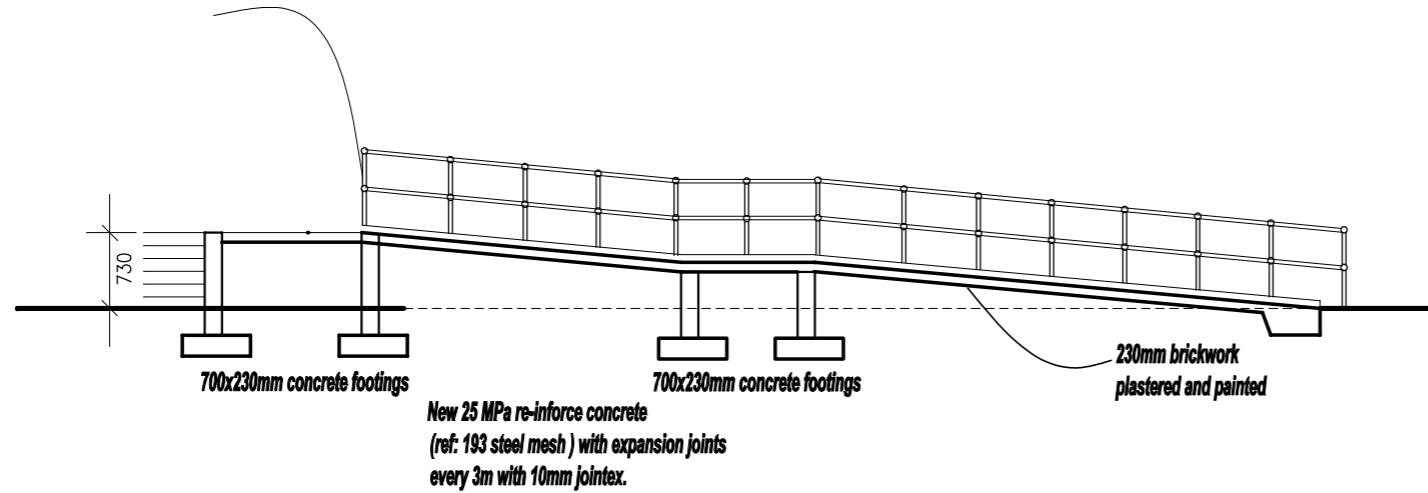
**ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

**NEW RAMP AT HUISE: BOENKE**

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR
DF	ARCH 06

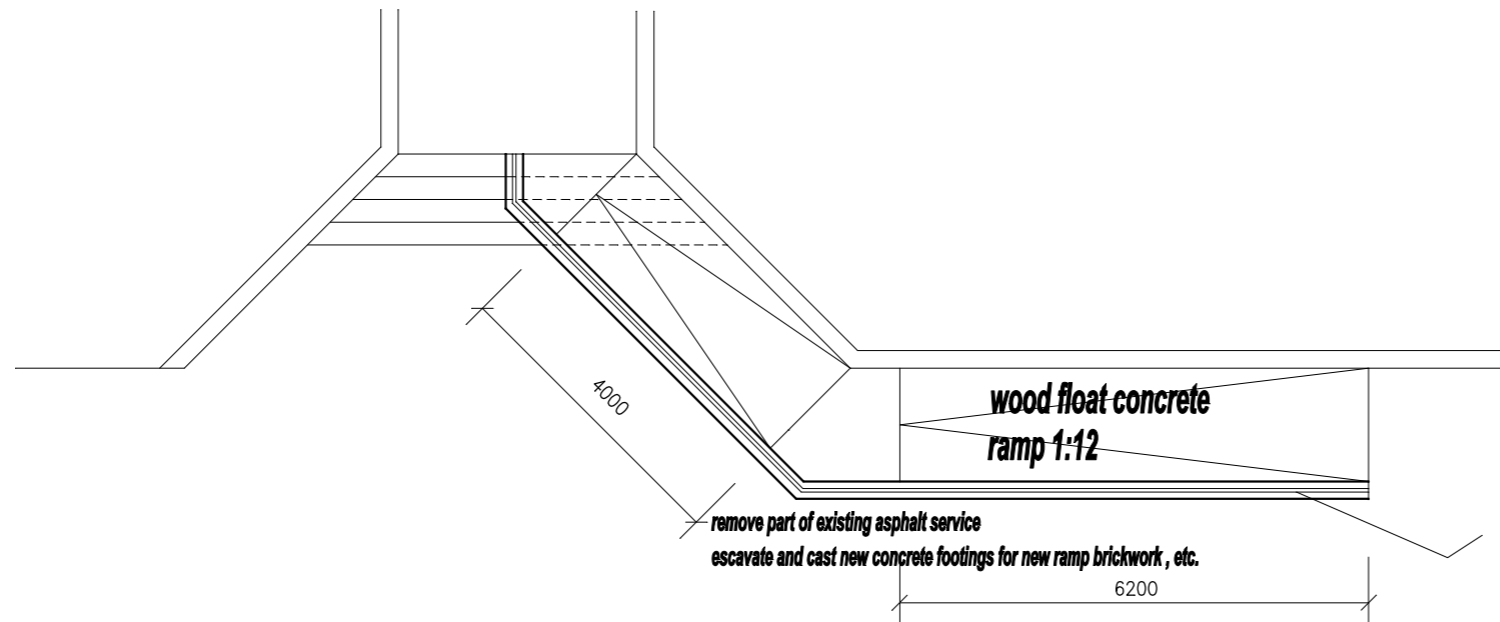
# GRAAN SUIER BUILDING

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## SECTIONAL ELEVATION

1:100



## NEW RAMP LAYOUT - NCO BUILDING 104

1:100

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness

### NOTES

#### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

#### LEVELS

all levels to match existing.


all ramps to have a minimum fall of 1:12 where indicated

#### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

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Amendments		
NR	DATE	DESCRIPTION


  
**DEPARTMENT OF PUBLIC WORKS**  
 Private Bag 925  
 Pretoria  
 0001  
 Tel: (012) 337 2000  
 Director-General:

SERVICES <b>OUTDSHOORN DOD</b>
-----------------------------------

TITLE <b>ACCESSIBILITY FOR PERSONS WITH DISABILITIES</b>
---

SHOWN <b>NEW RAMP AT NCO BUILDING</b>
--

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER <b>ARCH 06</b>
DRAWN DF	SHEET NR

# TALENI & ROOIWAL

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

### LEVELS

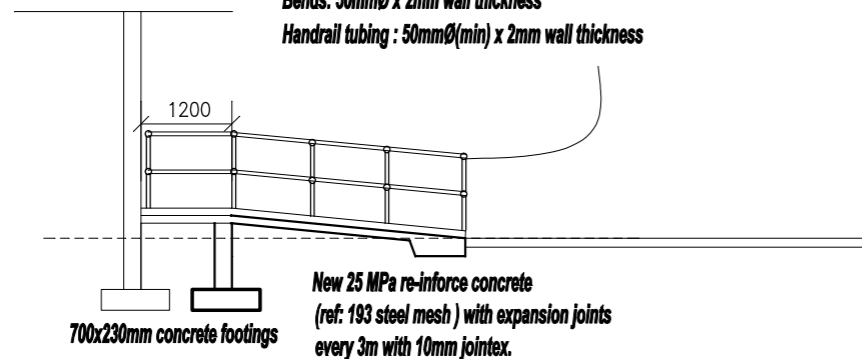
all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

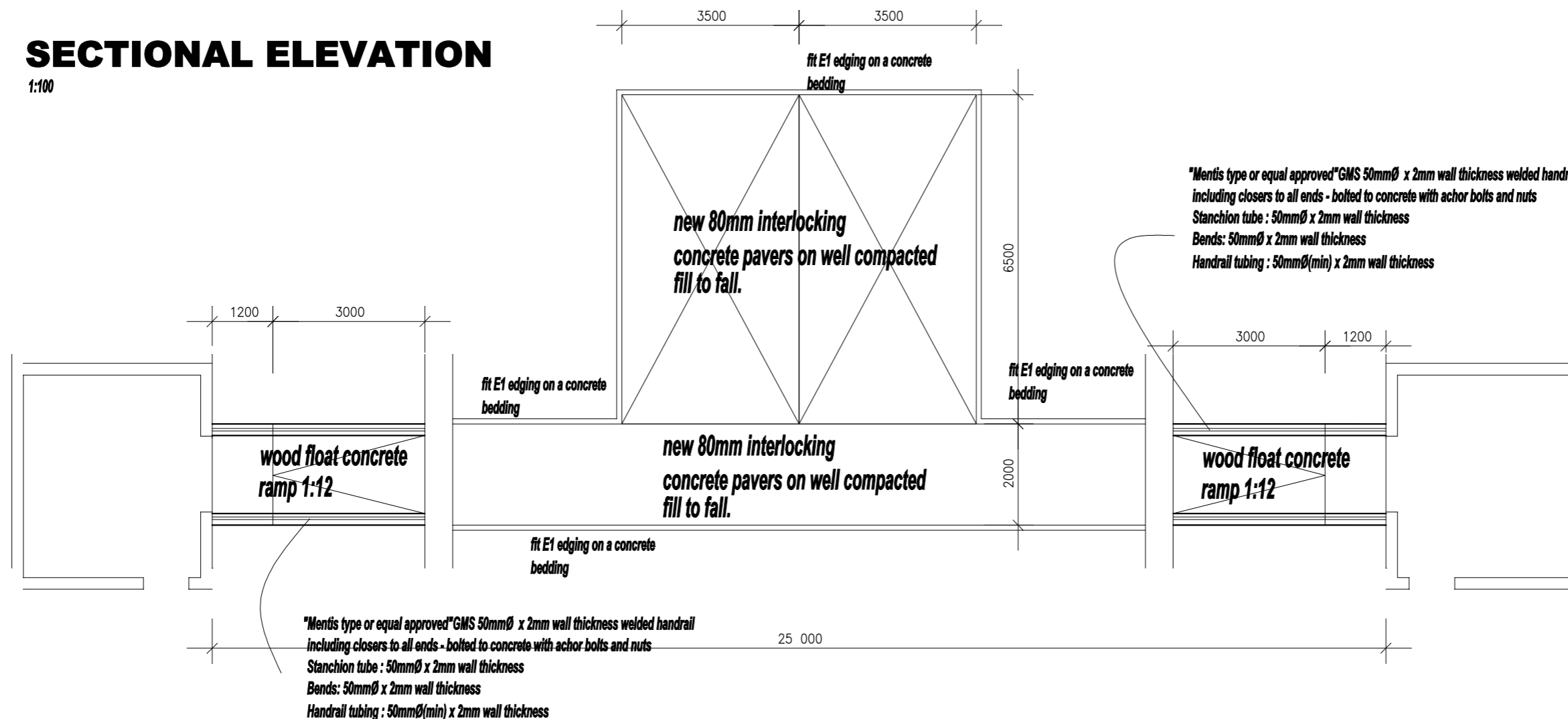
all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness



## SECTIONAL ELEVATION

1:100



"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness

"Mentis type or equal approved" GMS 50mmØ x 2mm wall thickness welded handrail including closers to all ends - bolted to concrete with anchor bolts and nuts  
 Stanchion tube : 50mmØ x 2mm wall thickness  
 Bends: 50mmØ x 2mm wall thickness  
 Handrail tubing : 50mmØ(min) x 2mm wall thickness

## NEW RAMP LAYOUT LAYOUT FOR TALENI & ROOIWAL

1:100

Amendments		
NR	DATE	DESCRIPTION

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**DEPARTMENT OF PUBLIC WORKS**  
 Private Bag X85  
 Pretoria 0001  
 Tel: 0121 937 2000

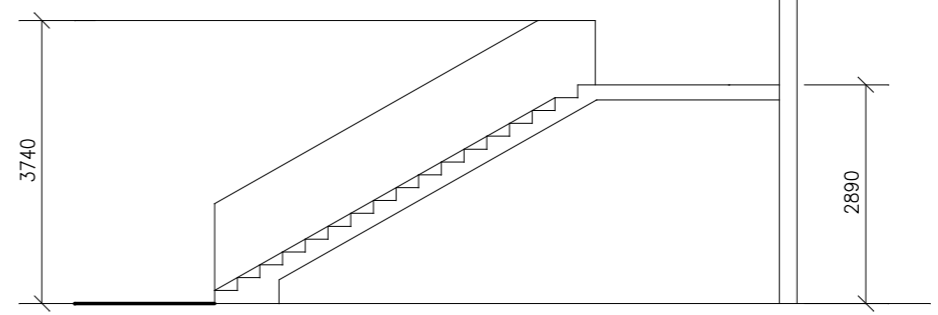
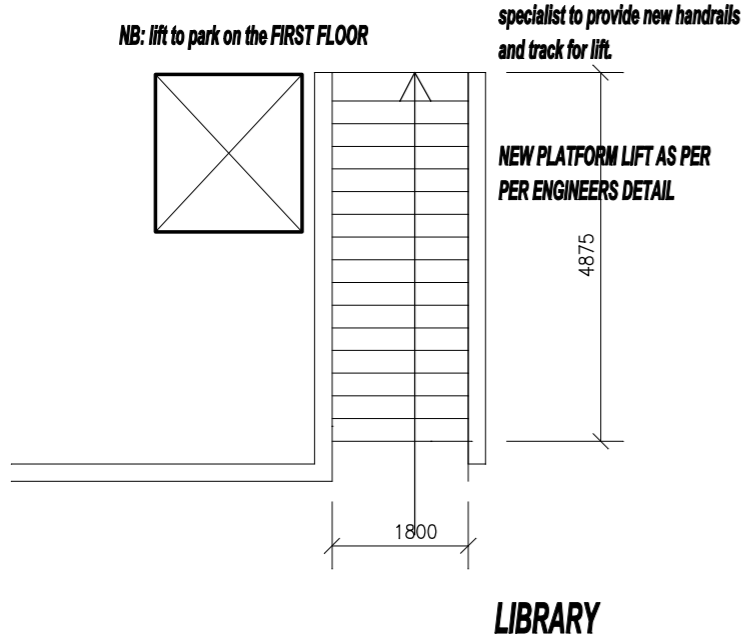
Director-General:

SERVICE  
**OUDTSHOORN DOD**

TITLE  
**ACCESSIBILITY FOR PERSONS WITH DISABILITIES**

SHOWN  
**NEW RAMP AT TALENI & ROOIWAL**

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER <b>ARCH 06</b>
DRAWN <b>DF</b>	SKETCH NO.

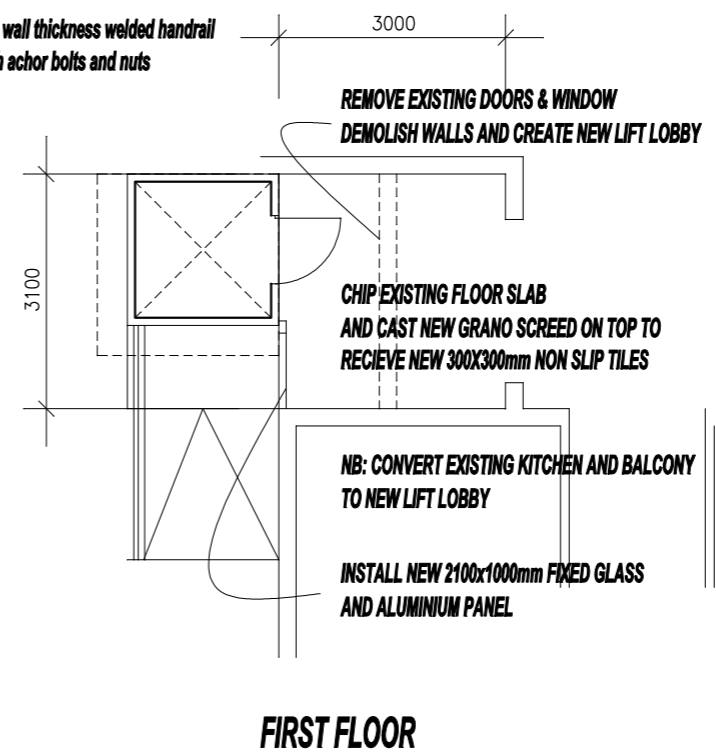
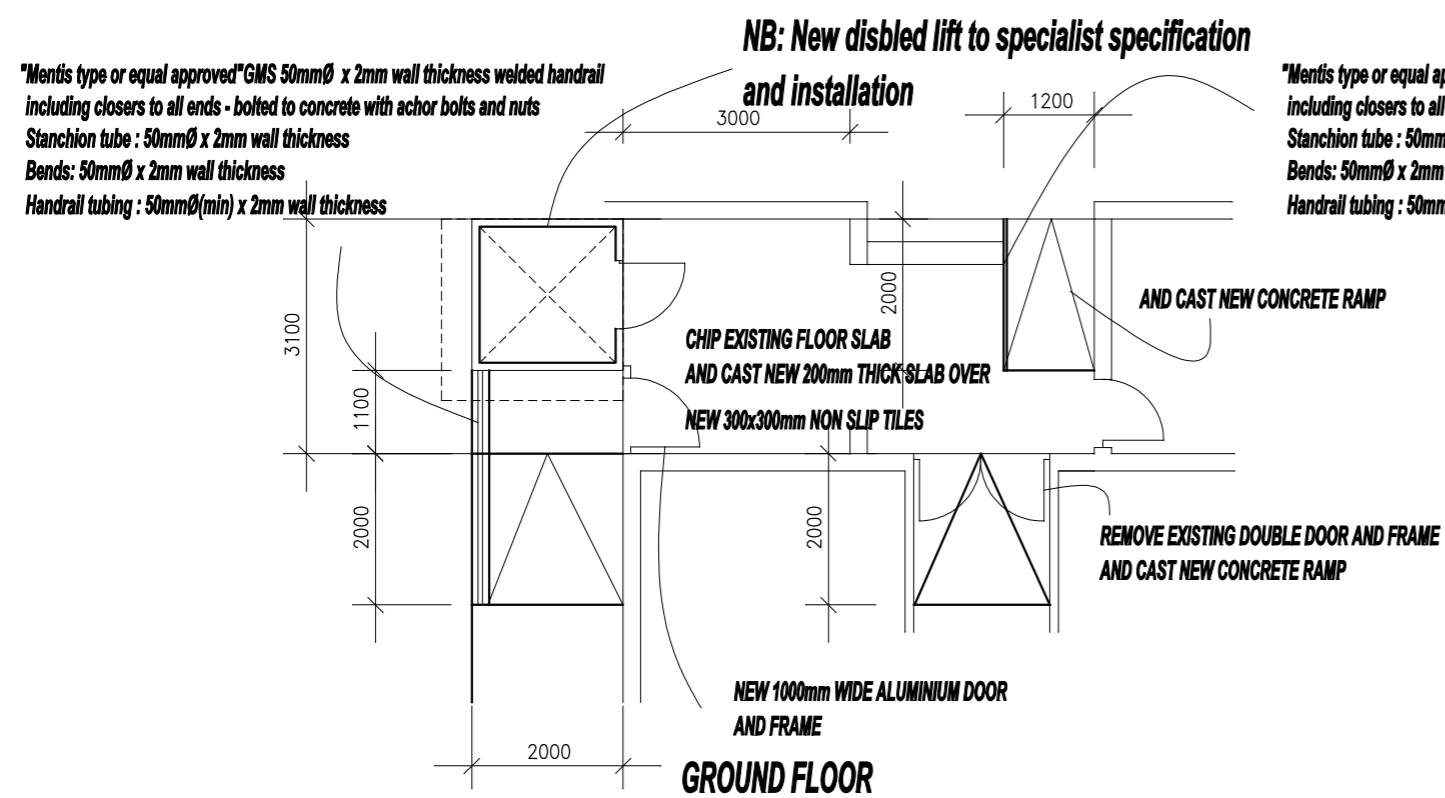


## NEW PLATFORM LIFT TO BE FITTED TO EXISTING STAIRCASE - LIBRARY

1:100


### NOTES

- DIMENSIONS**
- all dimensions must be checked and verified against existing structure on site.
- all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.
- never scale from this drawing.
- LEVELS**
- all levels to match existing.
- all ramps to have a minimum fall of 1:12 where indicated
- MATERIALS**
- all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371



## LIFT AND RAMP LAYOUT FOR THE HOSPITAL BUILDING

1:100

Amendments		
NR	DATE	DESCRIPTION
 DEPARTMENT OF PUBLIC WORKS Private Bag X85 Pretoria 0001 Tel (012) 337 2000  Director-General:		
SERVICE: OUDTSHOORN DOD		
TITLE: ACCESSIBILITY FOR PERSONS WITH DISABILITIES		
SHOWN: NEW LIFTS FOR LIBRARY AND HOSPITAL		
SCALE:	CAD REFERENCE:	
DATE:	DRAWING NUMBER: ARCH 07	
DRAWN: DF	SUBSET NR:	

# PUBLIC DISABLED PARKING

**NB: New disabled lift to specialist specification and installation**

**demolish existing steps and level area to match stoep/passage**

**new vertical disabled lift on a 3000x3000x300mm RE concrete base**

**create new 2100x1000mm opening in existing facebrick wall to accommodate lift door opening**

**create new paved ramp min 1:12 fall**

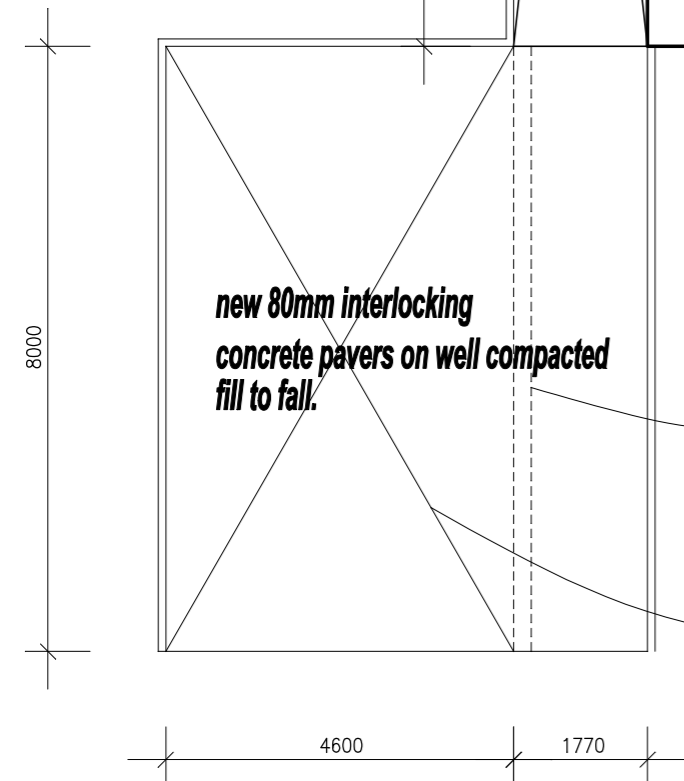
**install new E1 edging around proposed paved areas**

**demolish existing concrete edge and cart away**

**remove existing asphalt service cart away, compact sub structure and install new paving**

63,5 x 63,5 x 2,0mm Mild Steel square hollow tube pole support with 2 No. 25 x 25 x 3mm Mild Steel welded angle supports drilled for bolt fixing of each sign. Pole cast into 450 x 450 x 600mm deep concrete base excavated 700mm deep in natural earth. Hot dip galvanised after manufacture and finish with one Calcium Plumbate Primer, one coat Universal Undercoat, two coats High Gloss Enamel of shade to approval

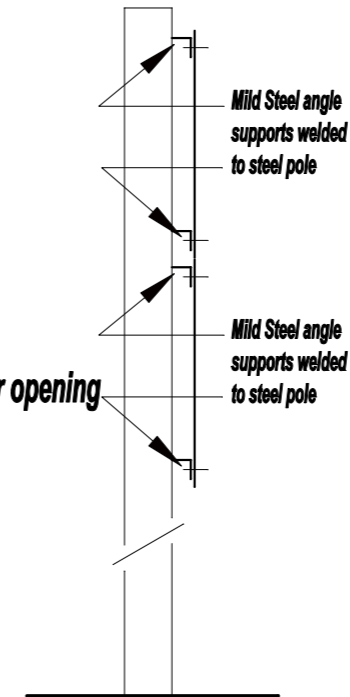
**new 80mm interlocking concrete pavers on well compacted fill to fall.**



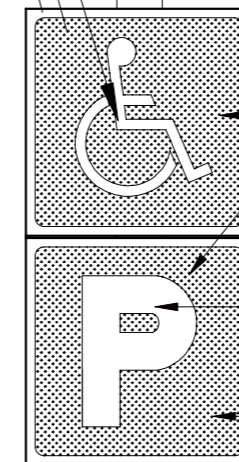
## PLAN VIEW

1:100

**Sign type "C"  
Section - Y -**



white border and pictogram  
dark green background



0,6mm gauge "chromodek" - or Equal and Approved, with screened symbol as indicated with standard grey on reverse side. 4 x fixed to mild steel angle supports with galv. verandah bolts

white border and pictogram

dark green background

63,5 x 63,5 x 2,0mm Mild Steel square hollow tube pole support with 2 No. 25 x 25 x 3mm Mild Steel welded angle supports drilled for bolt fixing of each sign. Pole cast into 450 x 450 x 600mm deep concrete base excavated 700mm deep in natural earth. Hot dip galvanised after manufacture and finish with one Calcium Plumbate Primer, one coat Universal Undercoat, two coats High Gloss Enamel of shade to approval

## Paraplegic Sign

Sign type "C"

Scale 1 : 10 - Sign for pole mounting

## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

### LEVELS


all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

**USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:**

Amendments		
NR	DATE	DESCRIPTION
 <p>DEPARTMENT OF PUBLIC WORKS Private Bag X85 Pretoria 0001 Tel: (012) 337 2000</p> <p>Director-General:</p>		

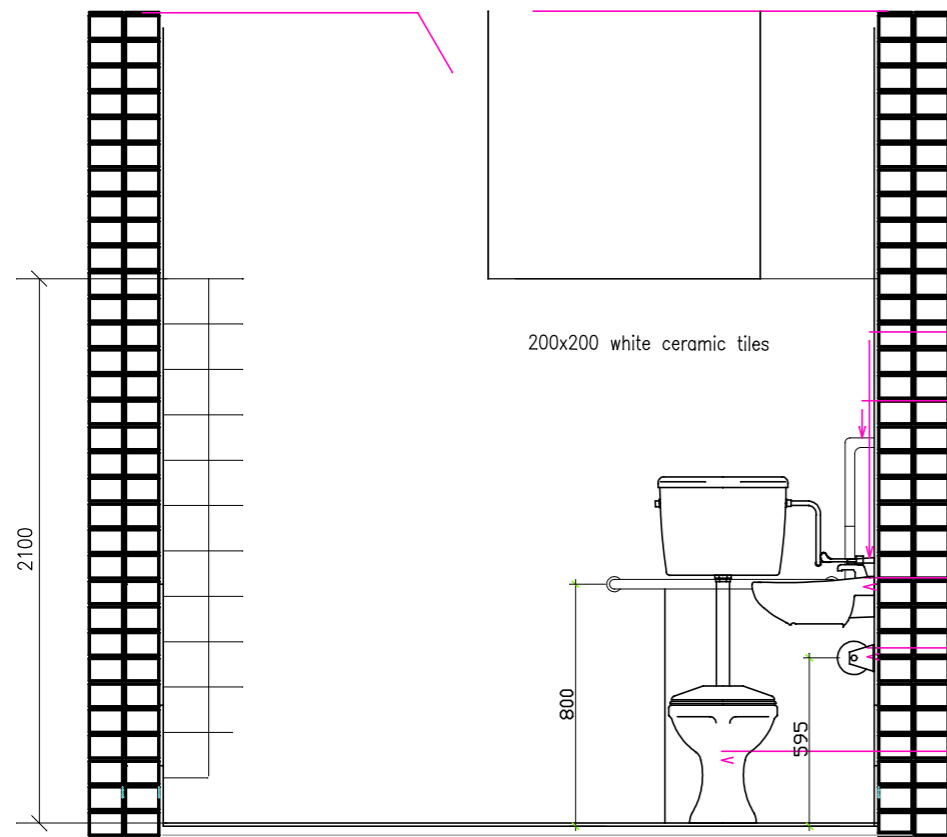
<p>SHRVICE</p> <p><b>OUTDSHOORN DOD</b></p>
---

<p>TITLE</p> <p><b>ACCESSIBILITY FOR PERSONS WITH DISABILITIES</b></p>
--

<p>SHOWN</p> <p><b>DISABLED PARKING AT THE HQ BUILDING</b></p>
--

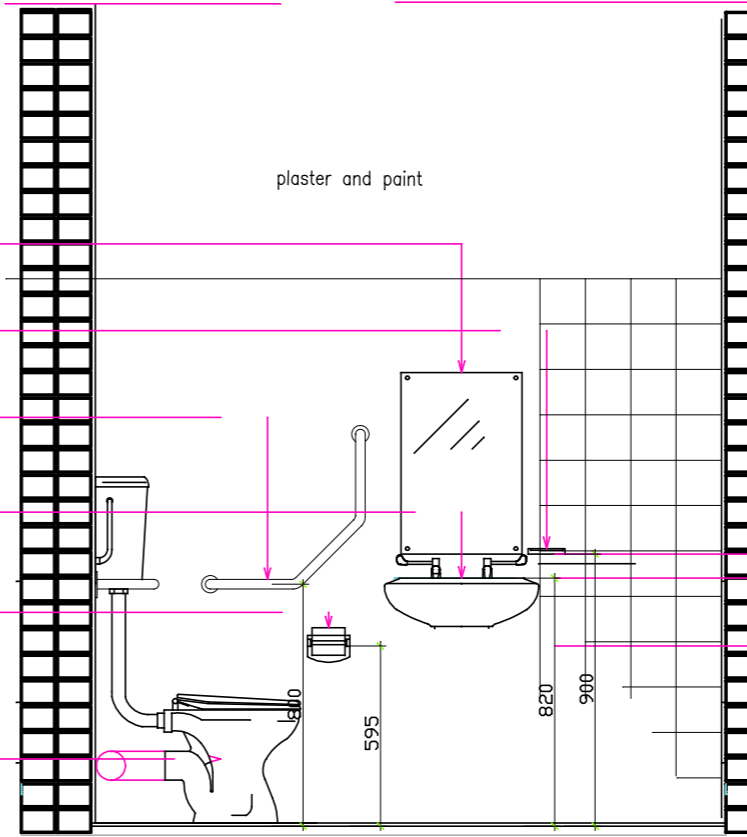
SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR.
DF	ARCH 01

# HQ BATHROOM FACILITY



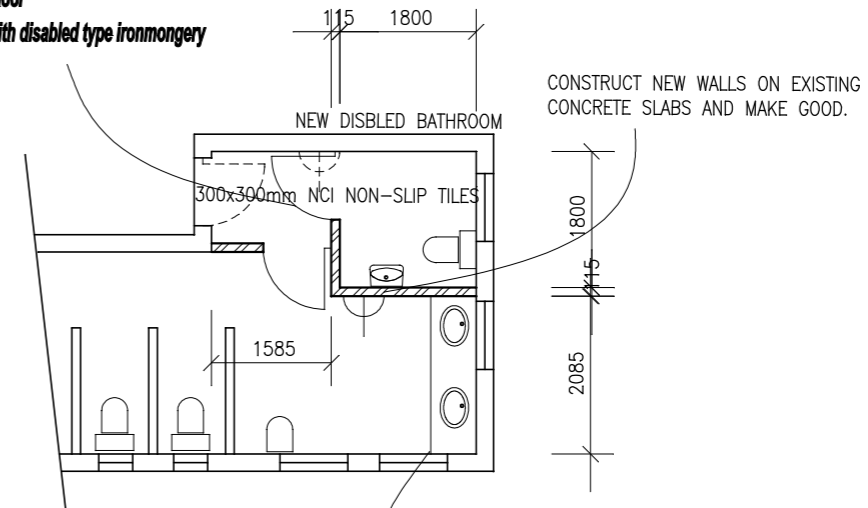
**DETAIL D**

- Mirror 400w x 600h manuf. from 18/10 stainless steel with reflective polished surface, pre drilled for screw to wall fixing
- 125x90 wall mounted soap tray manuf. from 18/10 stainless steel with a deep drawn ribbed tray with screws and plugs
- 32mm dia stainless steel tube, brushed finish grab rails. Dog leg side grab rails and cistern rails to be fixed to wall
- Vaal or similar vitreous china "Hibiscus" basin with three semi punched holes, intergrated overflow and chainstay hole 1/2" Elbow Action Pillartap,chrome plated
- Wall mounted toilet roll holder manuf. from 3mm thk stainless steel with thief resistant controlled delivery spindle, as supplied by Franke or similar. size 140x88
- Vaal or similar vitreous china Protea Paraplegic 90' outlet pan and matching 9 litre cistern, complete with lid and all fitments incl. purpose made C.P side flush lever.



**DETAIL C**

NEW 900x2100mm door  
and frame - fitted with disabled type ironmongery



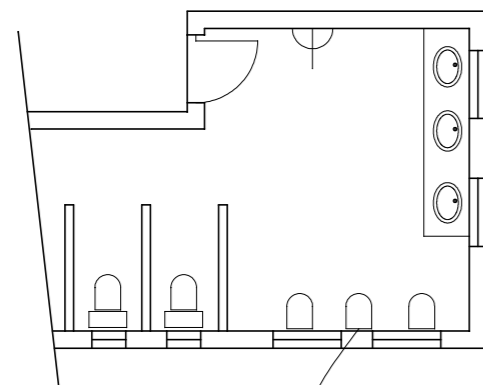
**PROPOSED LAYOUT**

NEW VANITY CUPBOARD WITH RE-USED BASINS AND TAPS

INSTALL NEW 600x900mm MIRROR.  
FIX TILING WHERE NECESSARY

Lights to be fitted with movement sensors  
install new emergency alarm and isolator.

- NOTES:
- TILE ALL WALLS - 200x200mm WHITE GLAZED TILES
  - TILE ALL FLOORS 300x300mm NCI NON-SLIP TILES
  - REMOVE EXISTING WALL TILES AND REPLACE WITH NEW
  - REMOVE EXISTING SANITARY FITTINGS AND SUPPLY AND FIT NEW SANITARY WARE WITH PIPES, ETC
  - REPAINT EXISTING WINDOW FRAMES
  - REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR WITH FRAME
  - DOOR TO SWING TO OUTSIDE
  - NEW IRON MONGERY TO BE INSTALLED TO NEW ENTRANCE DOORS



REMOVE 2x URINALS AND HAND OVER TO CLIENT.  
BLOCK-OFF PLUMBING AND MAKE GOOD.

**EXISTING LAYOUT**

## plan view - STAFF BATHROOMS- HQ Building

1:100

### NOTES

#### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

#### LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

#### MATERIALS

all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

Amendments		
NR	DATE	DESCRIPTION

DEPARTMENT OF PUBLIC WORKS  
Private Bag 105  
Pretoria 0001  
Tel: (012) 337 2000

Director-General:

**SERVICE**

OUTDSHOORN DOD

**TITLE**

ACCESSIBILITY FOR PERSONS WITH DISABILITIES

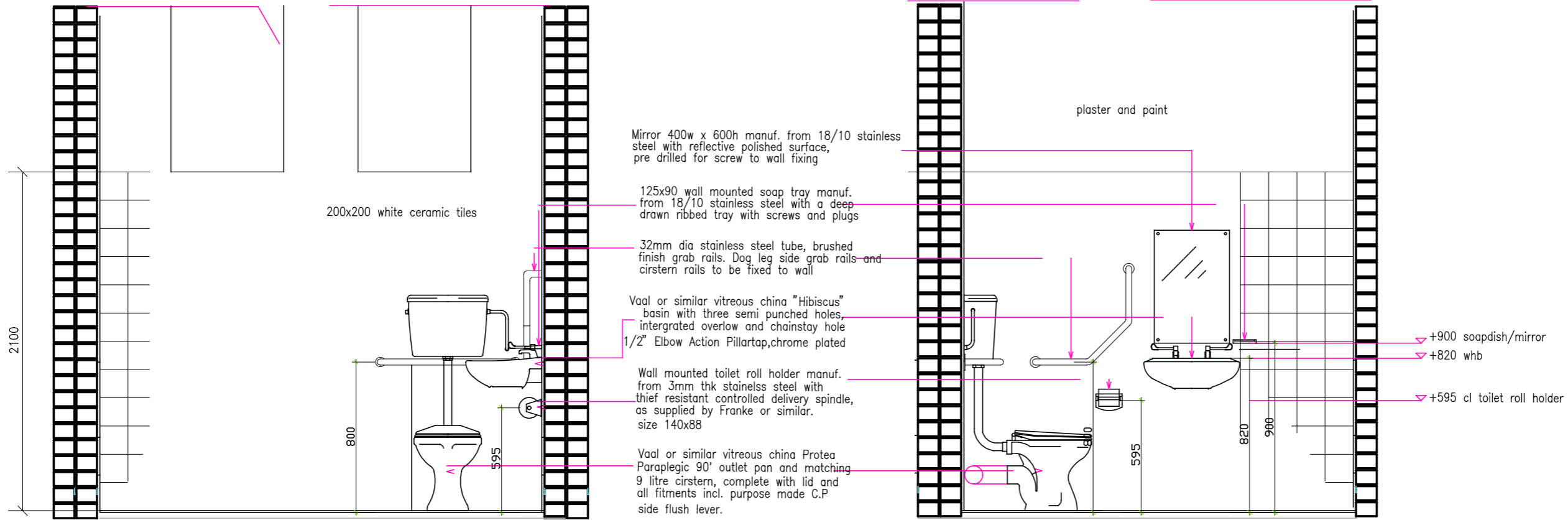
**SHOWN**

PROPOSED BATHROOM FOR HQ BUILDING

SCALE	CAD REFERENCE
DATE	DRAWING NUMBER
DRAWN	SHEET NR.
DF	ARCH 02

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

# NEW BATHROOM FOR THE TRAINING FACILITY



## NOTES

### DIMENSIONS

all dimensions must be checked and verified against existing structure on site.

all discrepancies must be pointed out to the architect for rectification or clarification before work commence. all dimensions to be checked and verified on site.

never scale from this drawing.

### LEVELS

all levels to match existing.

all ramps to have a minimum fall of 1:12 where indicated

### MATERIALS

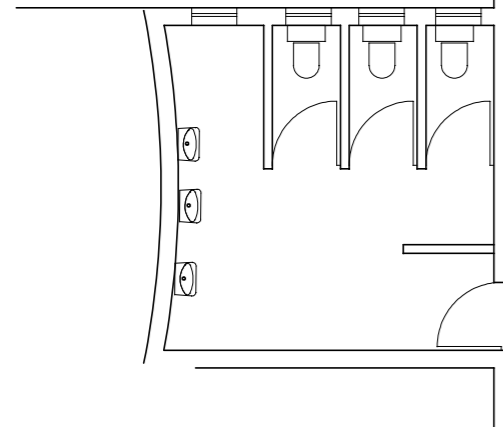
all materials and construction methods must comply with the NATIONAL BUILDING REGULATIONS and the PW 371

## DETAIL D

Lights to be fitted with movement sensors  
Install new emergency alarm and isolator.

### NOTES:

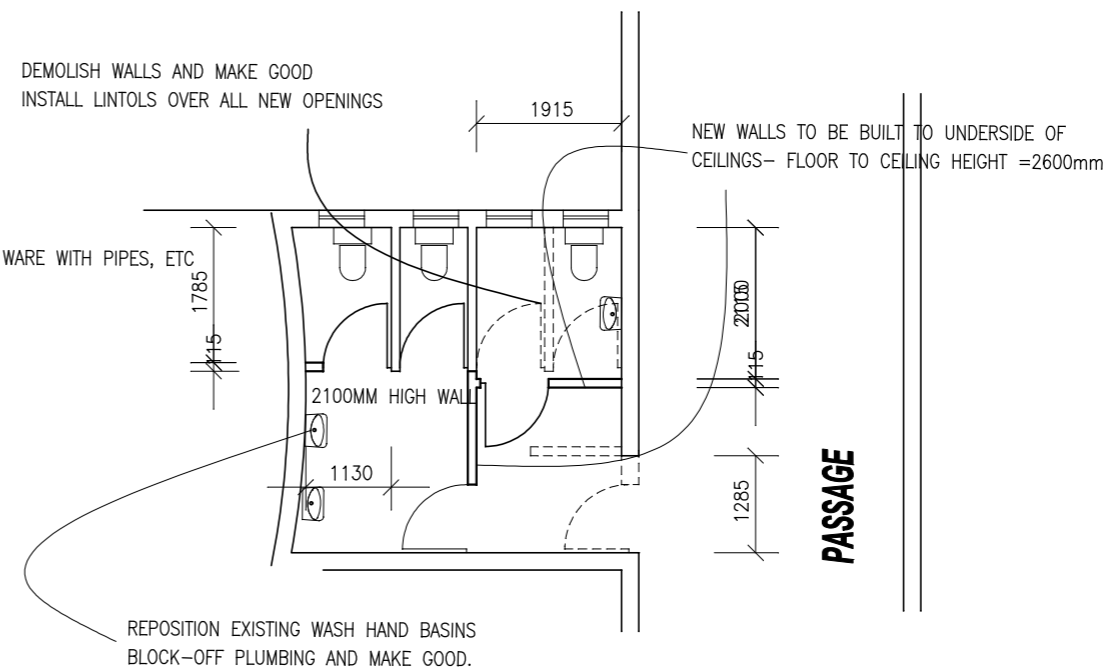
- TILE ALL WALLS - 200x200mm WHITE GLAZED TILES
- TILE ALL FLOORS 300x300mm NCI NON-SLIP TILES
- REMOVE EXISTING WALL TILES IN DISABLED TOILET AND REPLACE WITH NEW
- REMOVE EXISTING SANITARY FITTINGS WHERE INDICATED AND REPLACE WITH NEW SANITARY WARE WITH PIPES, ETC
- REPAINT EXISTING WINDOW FRAMES
- REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR WITH FRAMES
- DOOR TO SWING TO OUTSIDE - DISABLED BATHROOM
- NEW IRON MONGERY TO BE INSTALLED TO NEW ENTRANCE DOORS - DISABLED BATHROOM



EXISTING LAYOUT

## DETAIL C

DEMOLISH WALLS AND MAKE GOOD  
INSTALL LINTOLS OVER ALL NEW OPENINGS



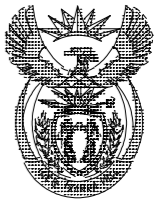
PROPOSED LAYOUT

# plan view - STAFF BATHROOMS- TRAINING FACILITY

1:100

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

Amendments		
NR	DATE	DESCRIPTION



**DEPARTMENT OF PUBLIC WORKS**  
Private Bag X85  
Pretoria  
0001  
Tel (012) 337 2000

Director-General:

SERVICE	OUTSHOORN DOD
TITLE	ACCESSIBILITY FOR PERSONS WITH DISABILITIES
SHOWN	PROPOSED BATHROOM FOR TRAINING FACILITY
SCALE	CAD REFERENCE
DATE	DRAWING NUMBER ARCH 02
DRAWN DF	SHEET NR



# NEW BATHROOM FOR GRAAN SUIER BUILDING

NOTES:  
THE USE OF TRADE NAMES ON THIS DRAWING IS PROHIBITED, AND ANY TRADE NAME EQUIPMENT FOR THIS PROJECT REQUIRES APPROVAL FROM THE RESPONSIBLE ENGINEER.

BEFORE ERECTION WORK BEGINS:  
1. THE CONTRACTOR MUST VISIT SITE FOR FINAL DESIGN MEASUREMENTS.  
2. ALL BUILDING ALTERATIONS BY MAIN CONTRACTOR.  
3. ALL DIMENSIONS ARE IN MM.  
4. ALL WORK TO BE DONE IN ACCORDANCE TO SANS 7396:1 2009, SANS 10263:2 2008 AND AS GUIDED BY THE RESPONSIBLE ENGINEER.

### DRAWING ISSUED FOR

Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

### Amendments

NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

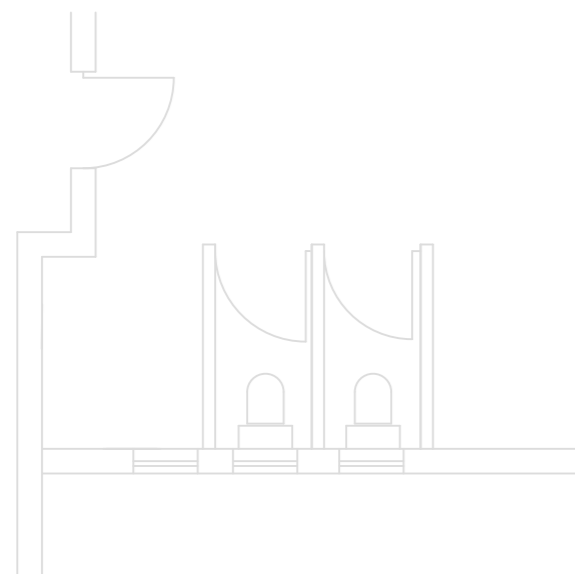
DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

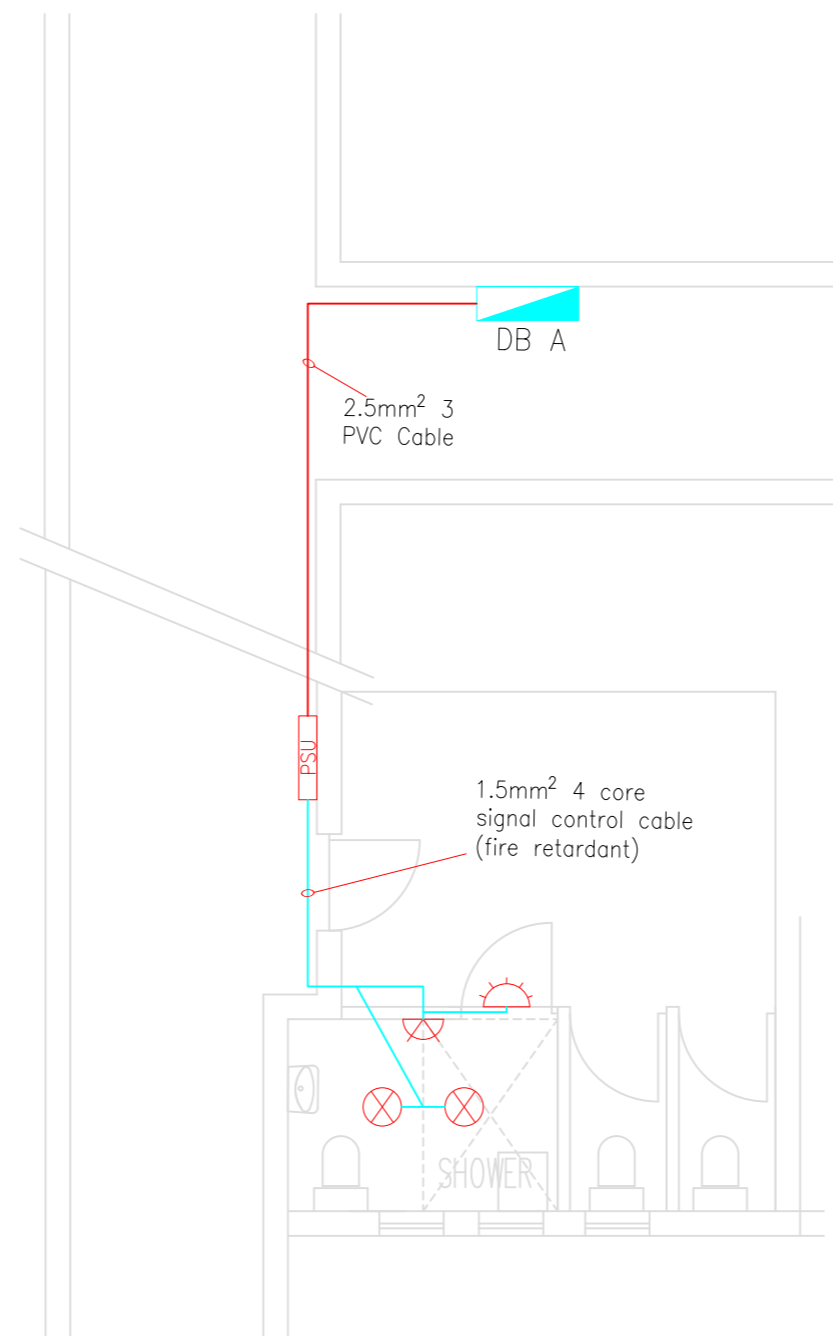
SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-04	CHECKED BY T.MSIMANGA



EXISTING LAYOUT

LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

## STAFF BATHROOMS-







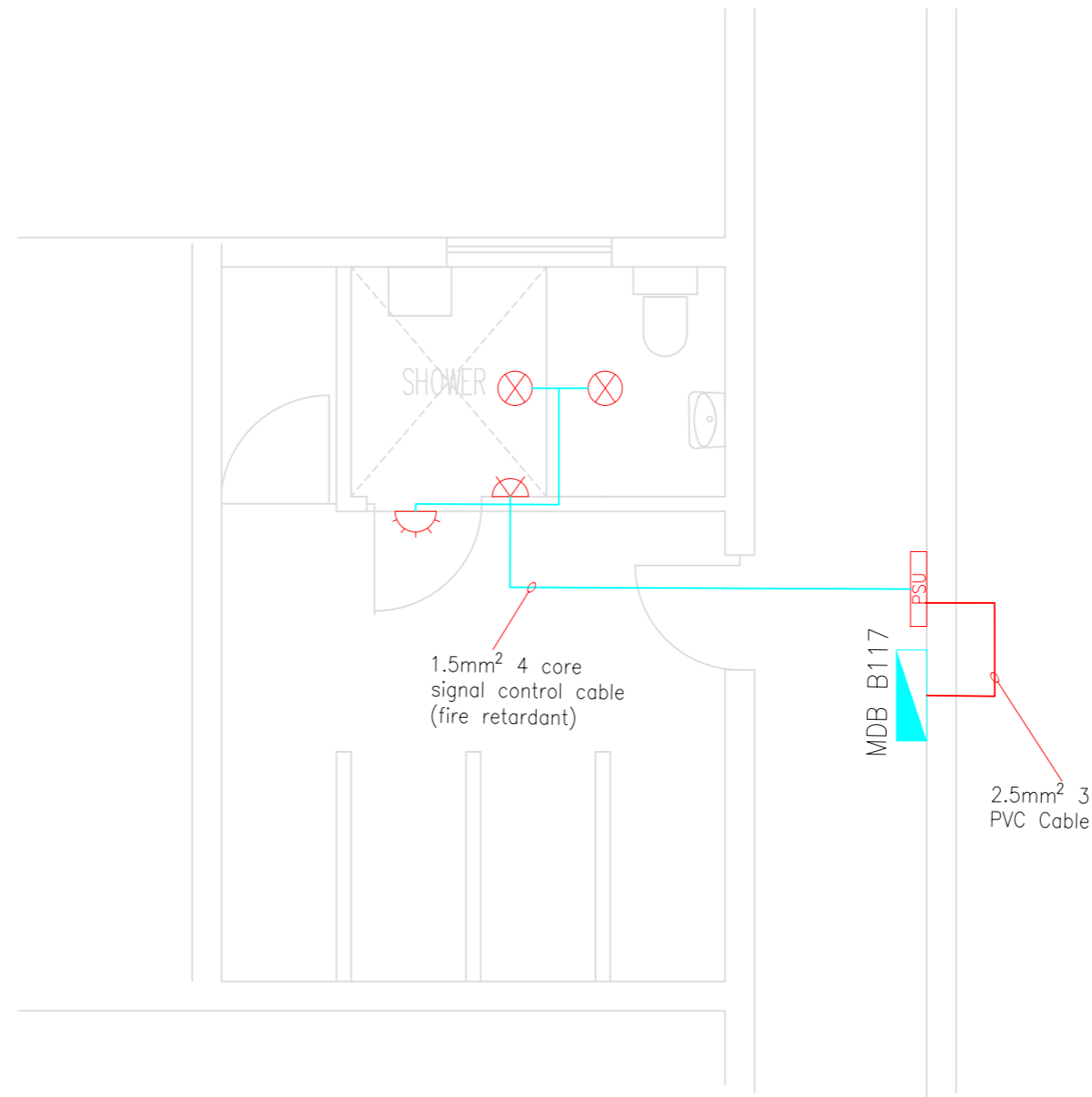
PROPOSED LAYOUT

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

# BATHROOM :BUILDING 117

LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)



CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

NOTES:  
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## DRAWING ISSUED FOR

Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

## Amendments

NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

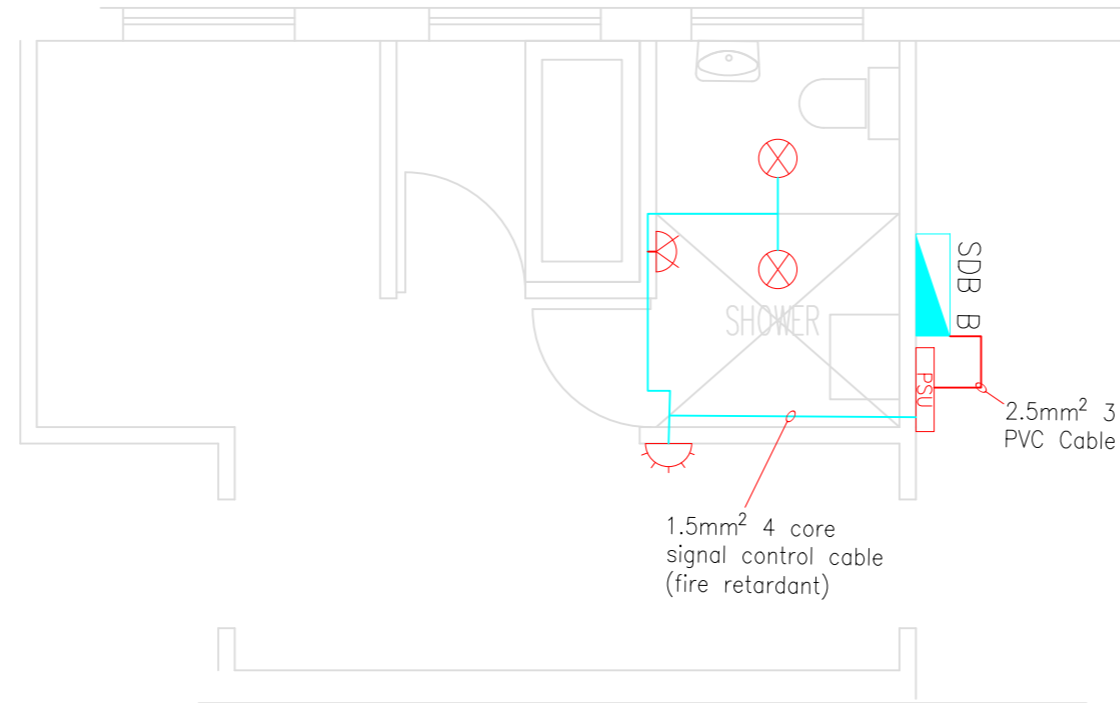
LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-05	CHECKED BY T.MSIMANGA

# BATHROOM FOR ROOIWAL



LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
 APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
 APPROVED/NOT APPROVED:

NOTES:  
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  3. ALL DIMENSIONS ARE IN MM.
  4. ALL WORK TO BE DONE IN ACCORDANCE TO SANS 7396:1 2009, SANS 10263:2 2008 AND AS GUIDED BY THE RESPONSIBLE ENGINEER.

DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
 DEPARTMENT OF DEFENCE

DISCIPLINE  
 ELECTRICAL ENGINEERING

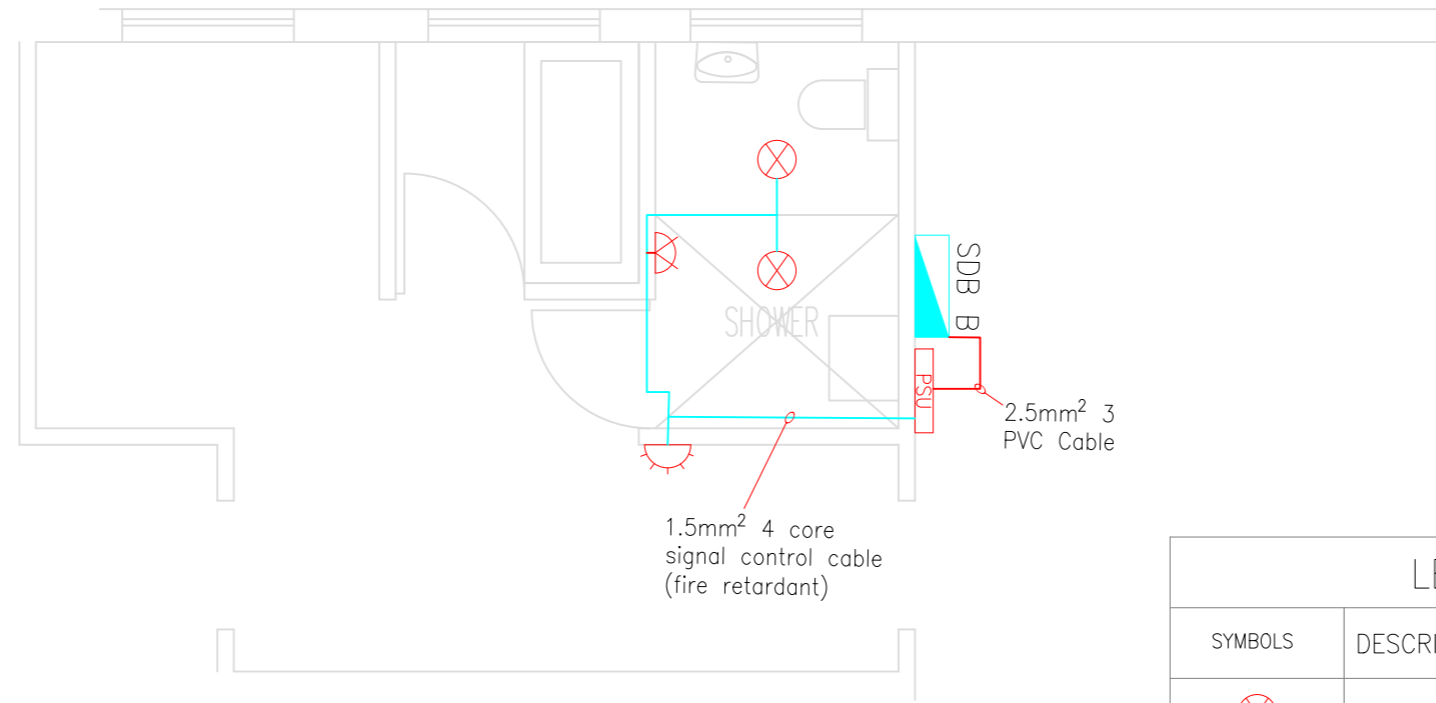
LOCATION  
 OUDTSHOORN :DOD  
 SADF SCHOOL OF INFANTORY

PROJECT TITLE  
 INSTALLATION OF FACILITIES  
 FOR PEOPLE WITH DISABILITIES

SERVICE  
 DISABLED PERSONS  
 ALARM SYSTEM

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-06	CHECKED BY T. MSIMANGA

# BATHROOM FOR TALENI



LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

NOTES:  
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4. ALL WORK TO BE DONE IN ACCORDANCE TO SANS 7396:1 2009, SANS 10263:2 2008 AND AS GUIDED BY THE RESPONSIBLE ENGINEER.

## DRAWING ISSUED FOR

Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

## Amendments

NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

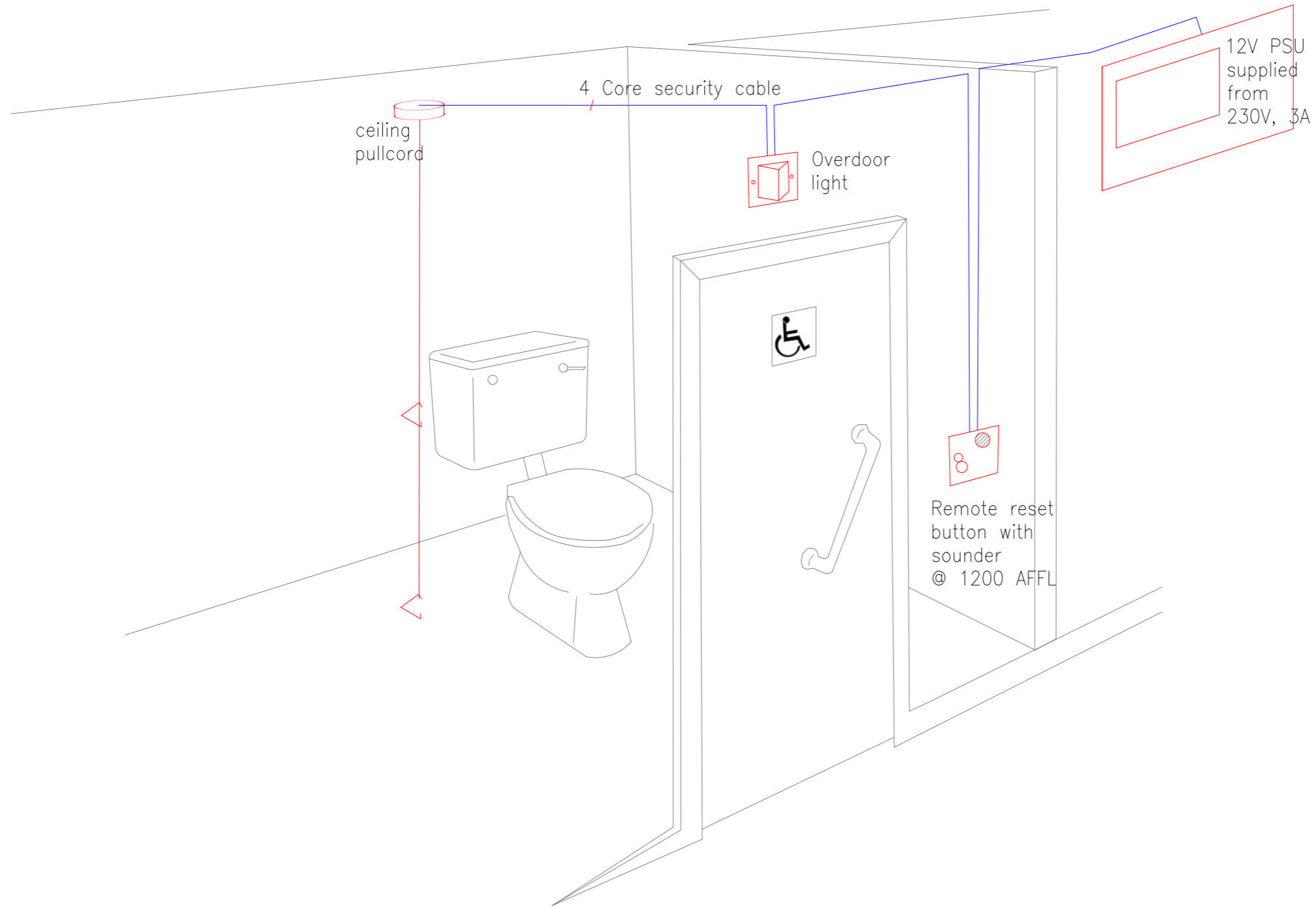
LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTRY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-07	CHECKED BY T. MSIMANGA

# Detail Section

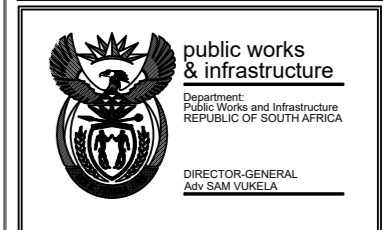


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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

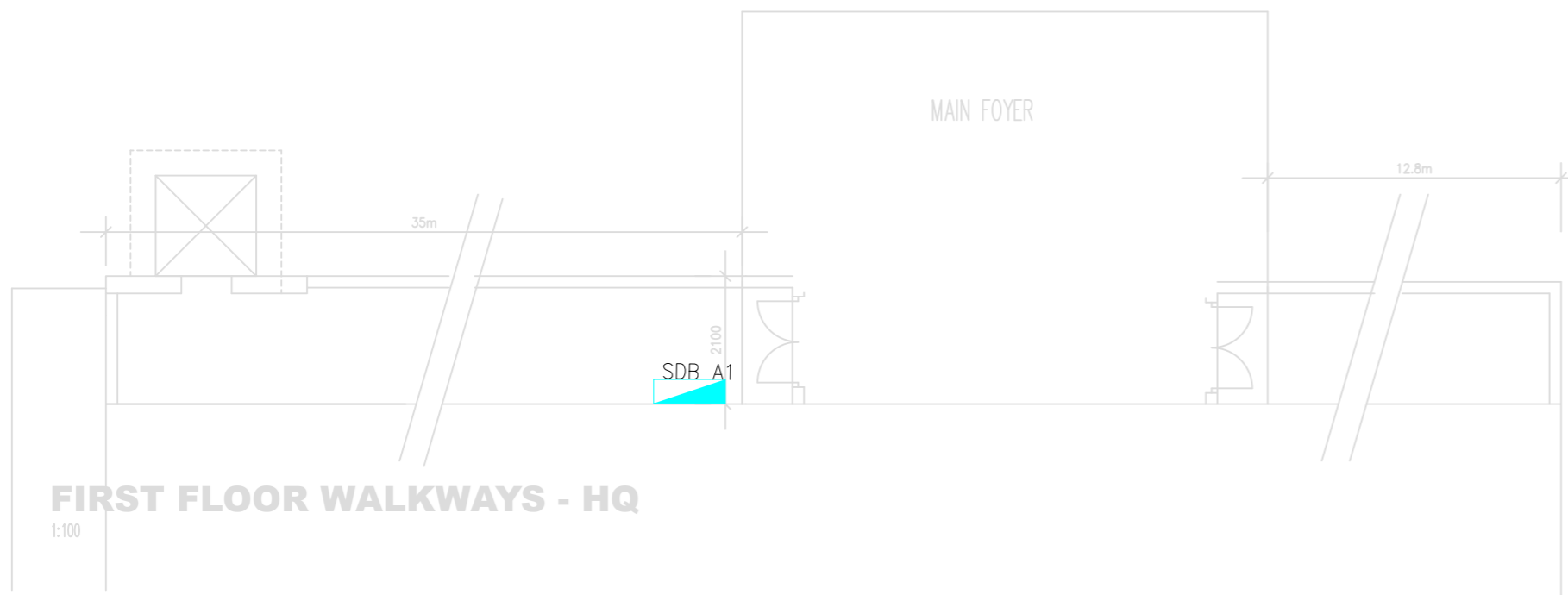
PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

SCALE NTS	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE Pw003-d	CHECKED BY T. MSIMANGA

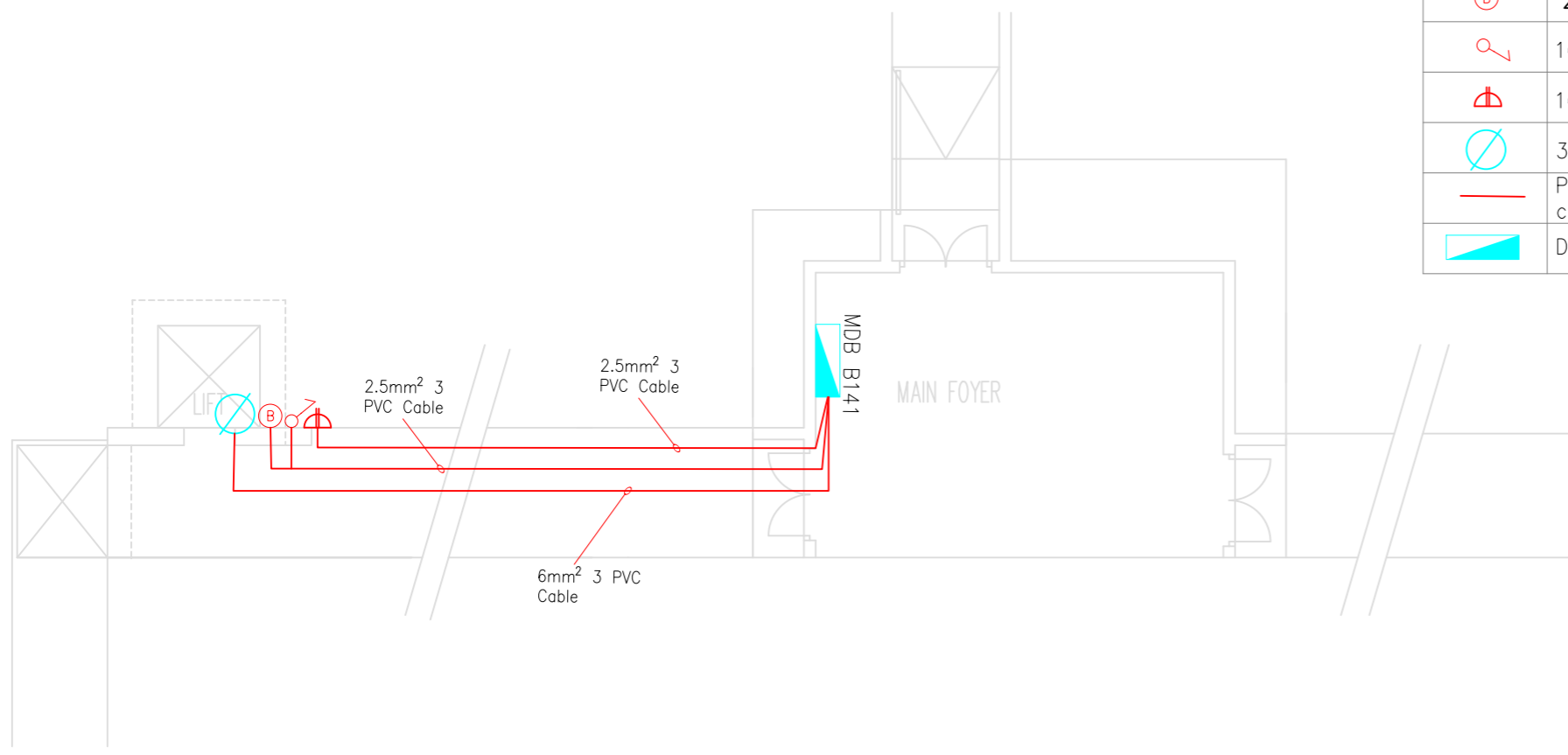
CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:



**FIRST FLOOR WALKWAYS - HQ**

1:100



**GROUND FLOOR WALKWAYS - HQ**

1:100

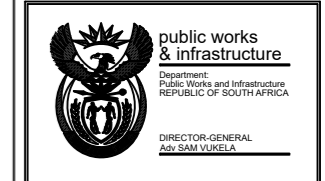
LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
ⓑ	20 W LED Round Bulkhead IP65	1000mm Above FFL, 500mm away from shaft
🔑	16A Light Switch IP65	700mm Above FFL, 500mm away from shaft
⚡	16A Double Socket Outlet IP65	500mm Above FFL, 500mm away from shaft
⊘	30A Isolator IP65	500mm below ceiling
—	PVC Cable in 25mm Galvanized steel conduits	Safely secured on solid walls and designated channels
■	Distribution Board (existing)	Existing

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTRY

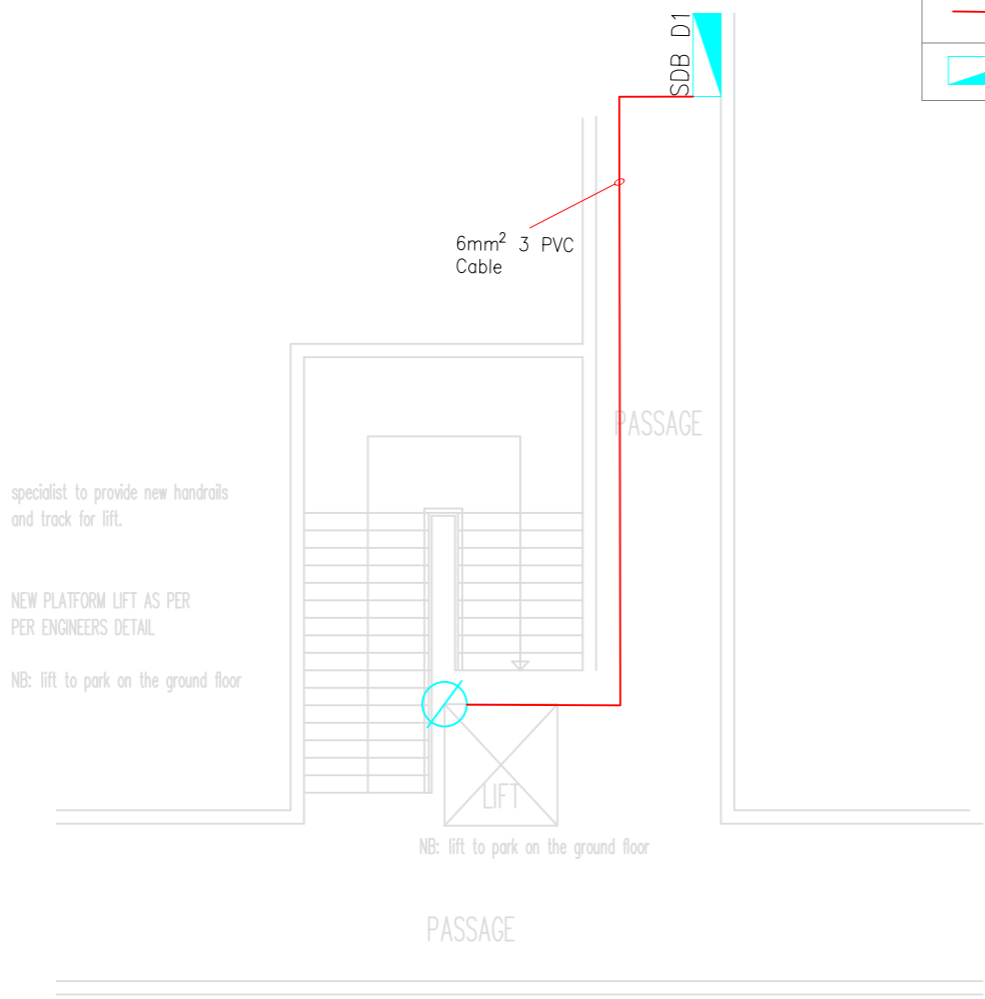
PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIFT INSTALLATION LAYOUT

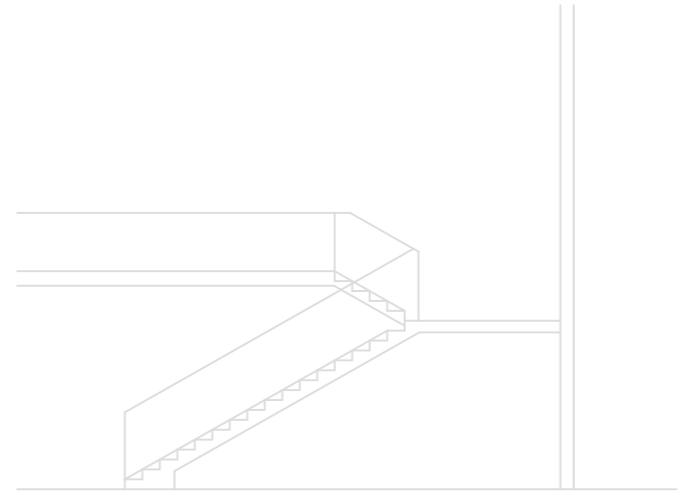
CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:003-01	CHECKED BY T.MSIMANGA



LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	30A Isolator IP65	350mm Above FFL
	PVC Cable in 20mm Galvanized steel conduits	Safely secured on solid walls and designated channels
	Distribution Board (existing)	Existing



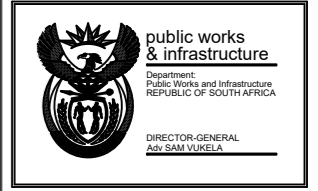
**NEW PLATFORM LIFT TO BE FITTED TO EXISTING STAIRCASE**  
1:100

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES


SERVICE  
LIFT INSTALLATION LAYOUT

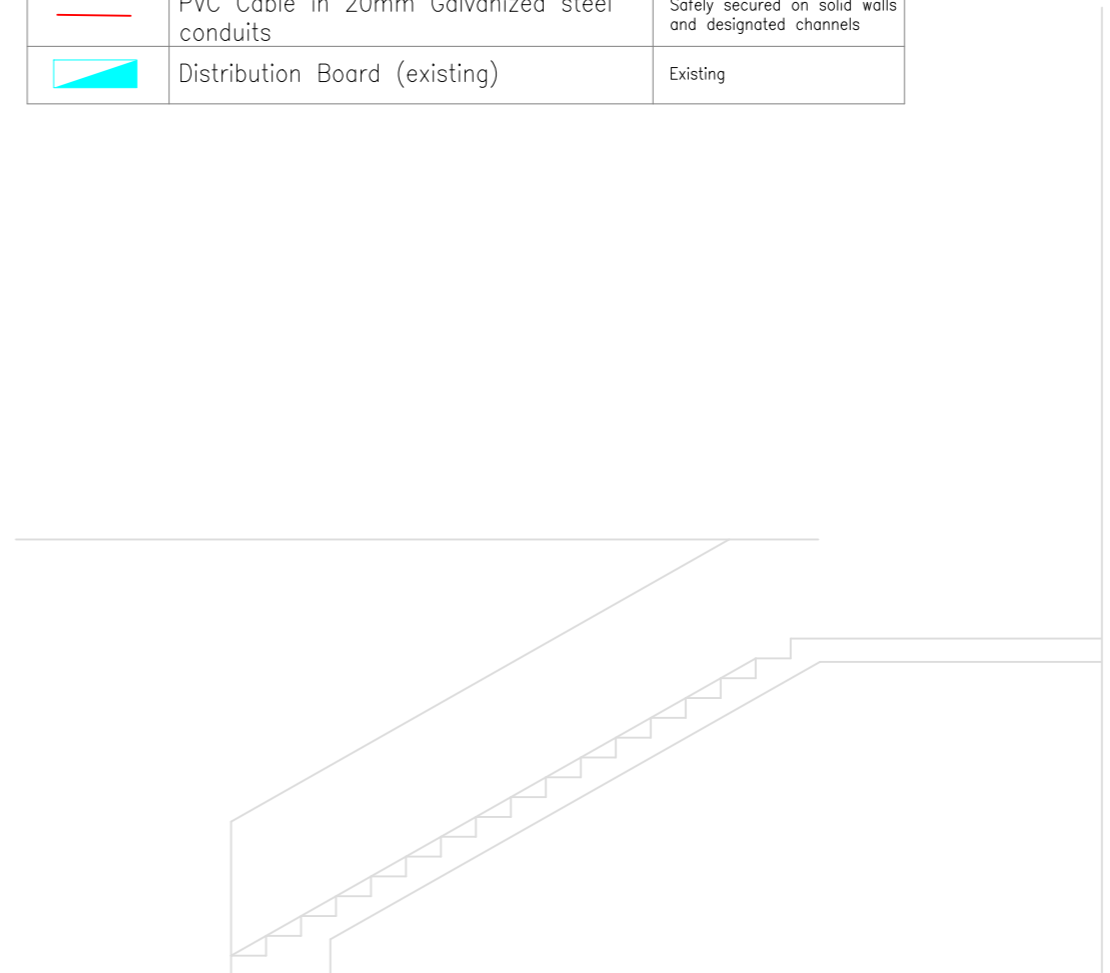
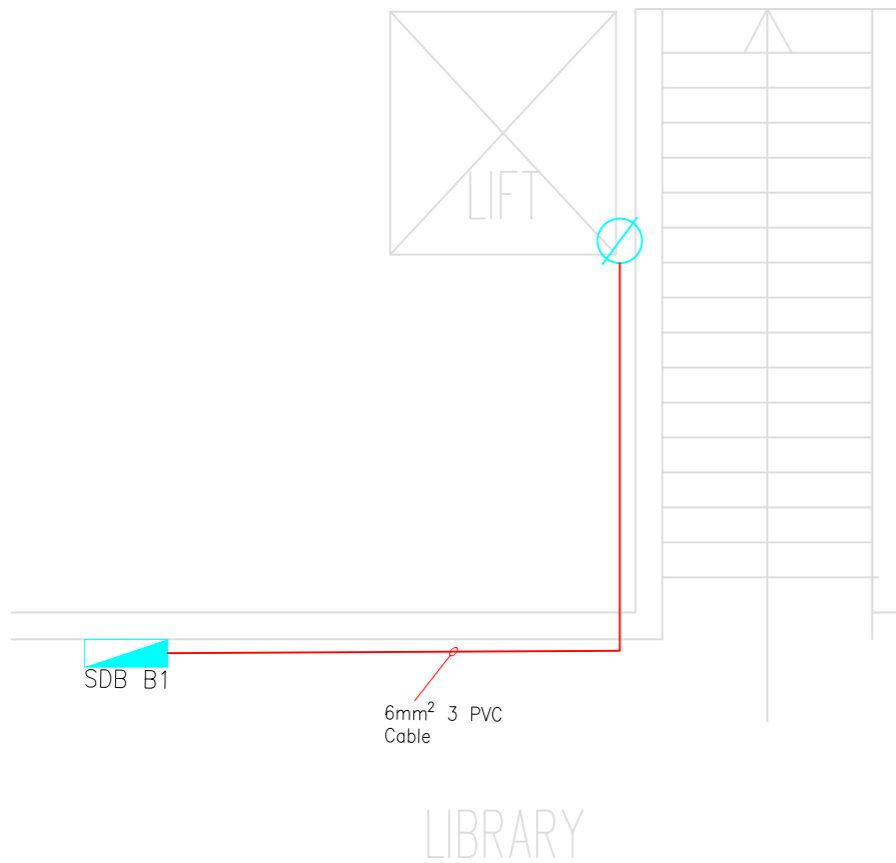
CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:003-02	CHECKED BY T.MSIMANGA

## NEW PLATFORM LIFT TO BE FITTED TO EXISTING STAIRCASE - LIBRARY

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	30A Isolator IP65	350mm Above FFL
	PVC Cable in 20mm Galvanized steel conduits	Safely secured on solid walls and designated channels
	Distribution Board (existing)	Existing

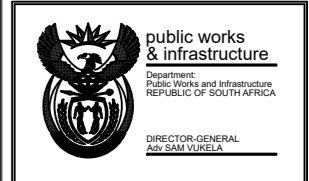


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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
 DEPARTMENT OF DEFENCE

DISCIPLINE  
 ELECTRICAL ENGINEERING

LOCATION  
 OUDTSHOORN :DOD  
 SADF SCHOOL OF INFANTORY

PROJECT TITLE  
 INSTALLATION OF FACILITIES  
 FOR PEOPLE WITH DISABILITIES

SERVICE  
 LIFT INSTALLATION LAYOUT

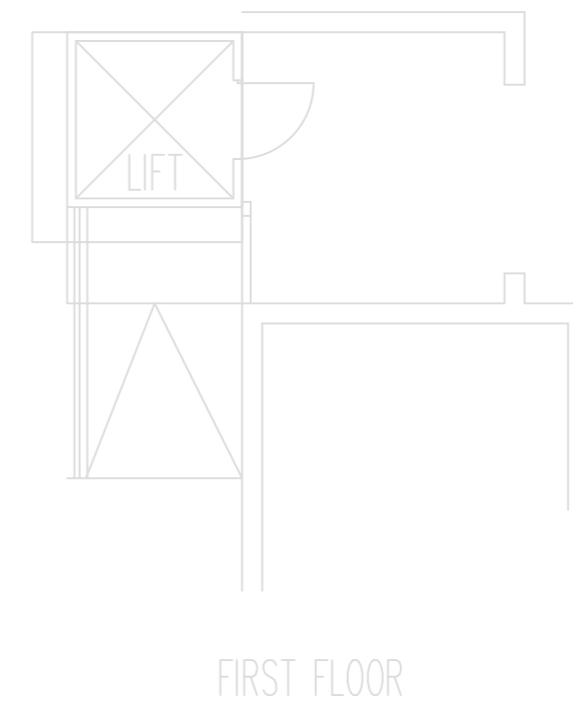
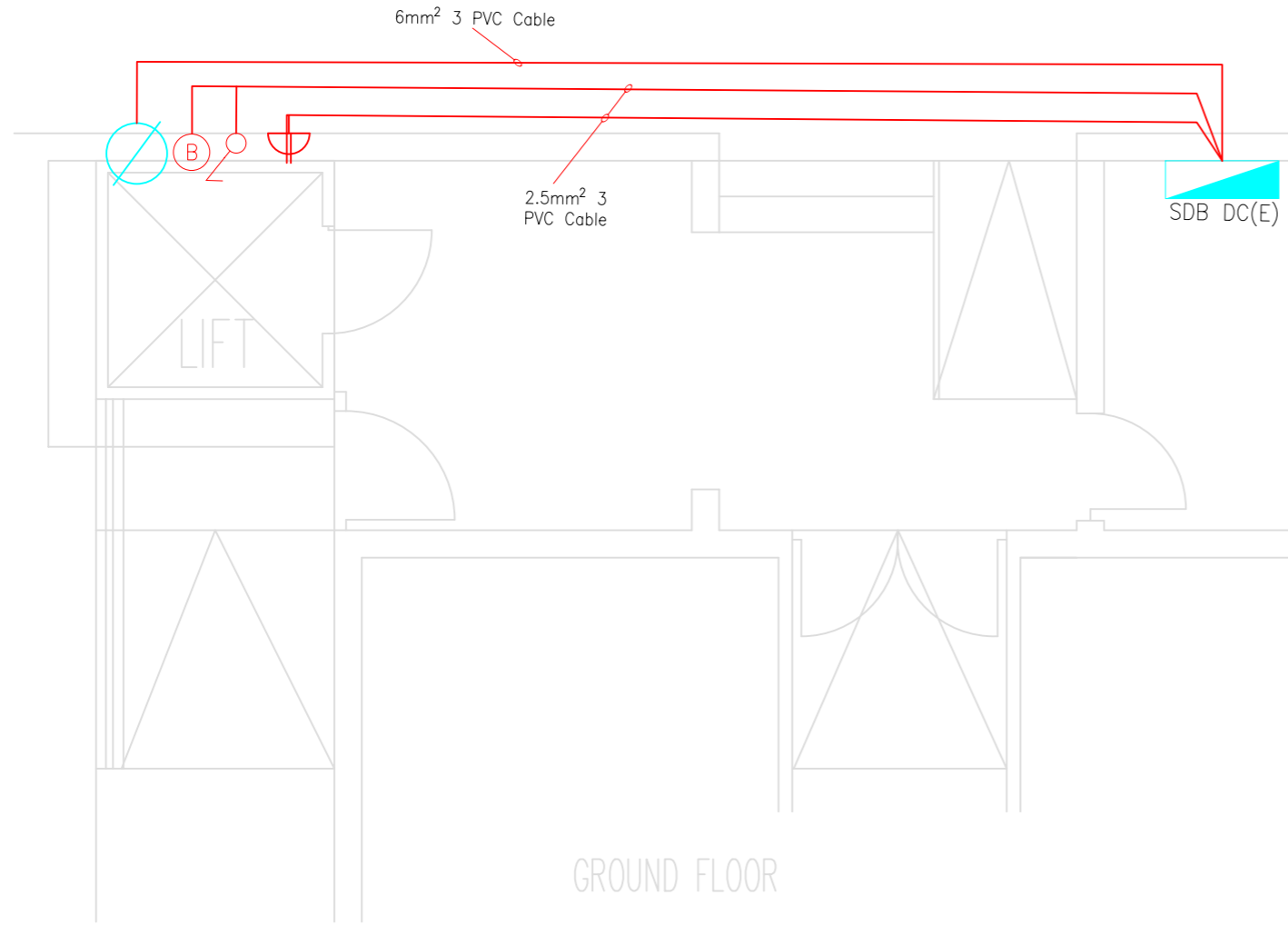
CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
 APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
 APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:003-03	CHECKED BY T.MSIMANGA



# LIFT AND RAMP LAYOUT FOR THE HOSPITAL BUILDING



LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
ⓑ	20 W LED Round Bulkhead IP65	1000mm Above FFL, 500mm away from shaft
🔍	16A Light Switch IP65	700mm Above FFL, 500mm away from shaft
🔌	16A Double Socket Outlet IP65	500mm Above FFL, 500mm away from shaft
⊗	30A Isolator IP65	500mm below ceiling
—	PVC Cable in 25mm Galvanized steel conduits	Safely secured on solid walls and designated channels
📡	Distribution Board (existing)	Existing

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTRY

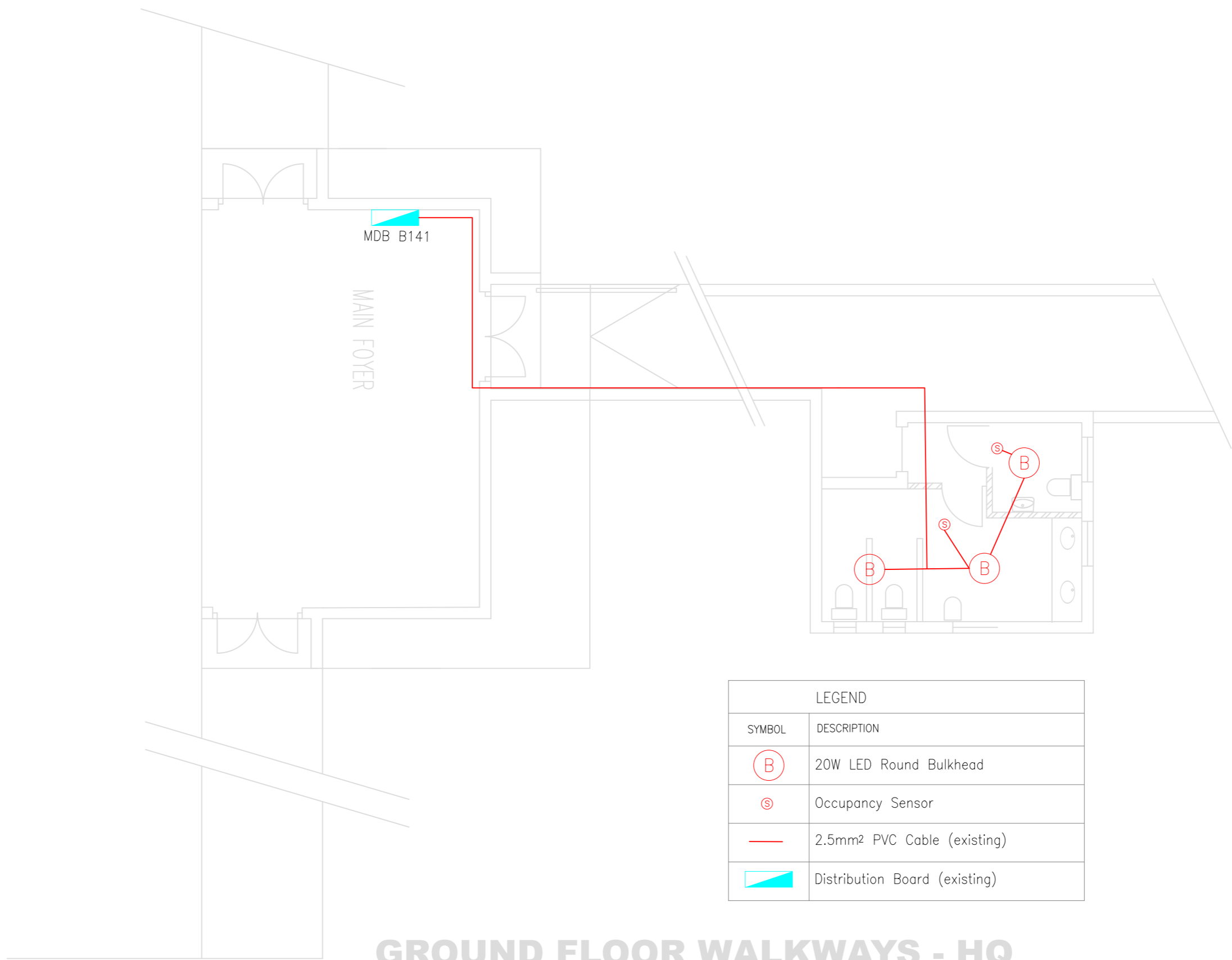
PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIFT INSTALLATION LAYOUT

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:003-04	CHECKED BY T.MSIMANGA



# GROUND FLOOR WALKWAYS - HQ

LEGEND	
SYMBOL	DESCRIPTION
(B)	20W LED Round Bulkhead
(S)	Occupancy Sensor
—	2.5mm² PVC Cable (existing)
▭	Distribution Board (existing)

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
 APPROVED/NOT APPROVED :  
 USER CLIENT DEPARTMENT:  
 APPROVED/NOT APPROVED:

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments

NR	DATE	DESCRIPTION

CLIENT  
 DEPARTMENT OF DEFENCE

DISCIPLINE  
 ELECTRICAL ENGINEERING

LOCATION  
 OUDTSHOORN :DOD  
 SADP SCHOOL OF INFANTRY

PROJECT TITLE  
 INSTALLATION OF FACILITIES FOR PEOPLE WITH DISABILITIES






SERVICE  
 LIGHTING LAYOUT

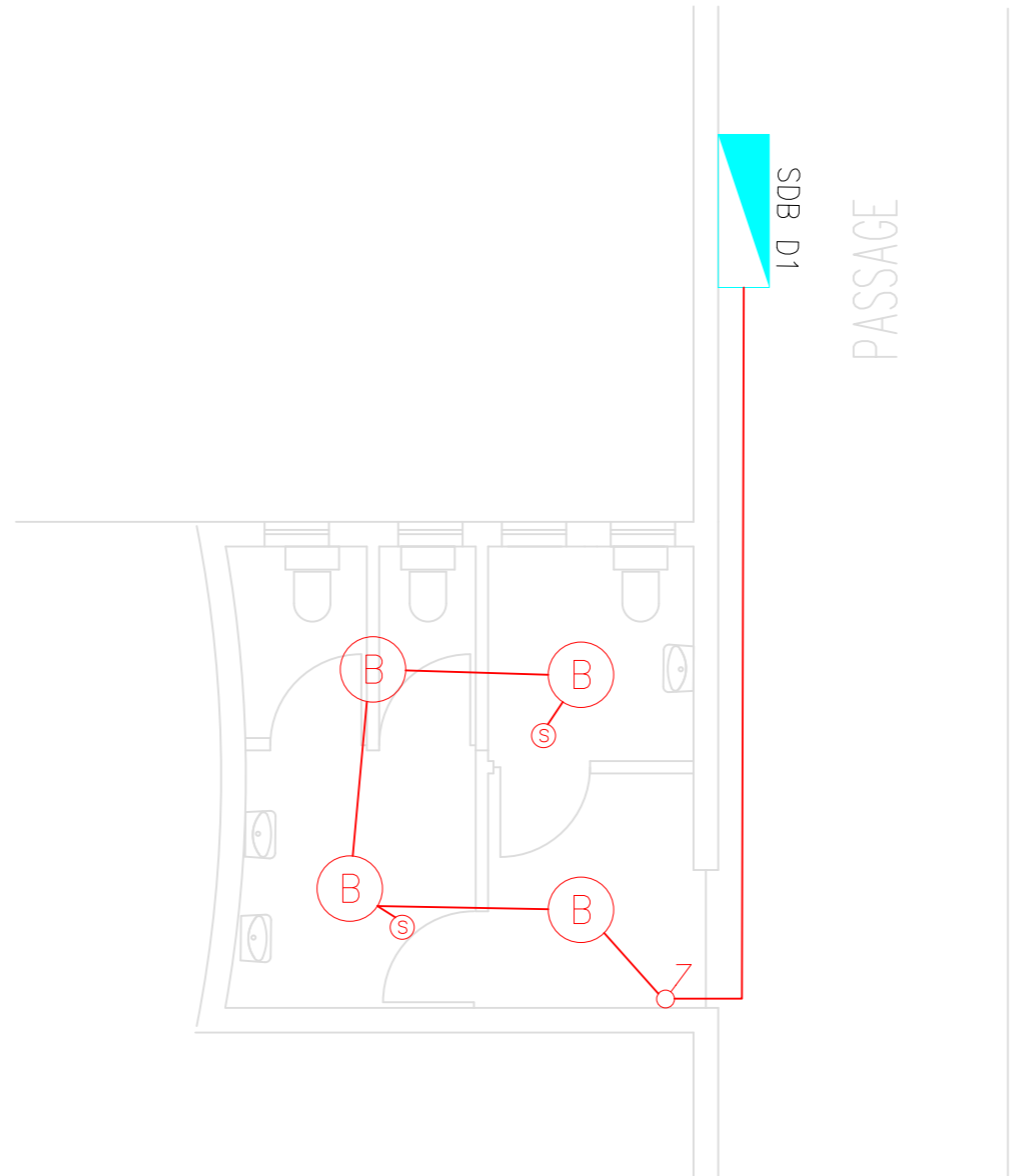
SCALE	DRAWN BY
1:100	S. FATA
DATE	DESIGNED BY
August 2021	S. FATA
CAD REFERENCE	CHECKED BY
PW:001-01	T. MSIMANGA

# NEW BATHROOM FOR THE TRAINING FACILITY

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4. ALL WORK TO BE DONE IN ACCORDANCE TO SANS 7396:1 2009, SANS 10263:2 2008 AND AS GUIDED BY THE RESPONSIBLE ENGINEER.

LEGEND	
SYMBOL	DESCRIPTION
	20W LED Round Bulkhead
	Occupancy Sensor
	16A Light Switch
	2.5mm <sup>2</sup> PVC Cable (existing)
	Distribution Board (existing)



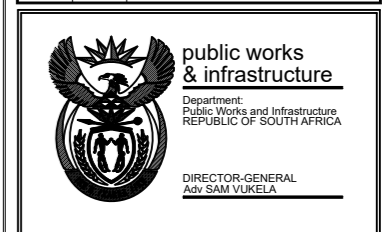
PROPOSED LAYOUT

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

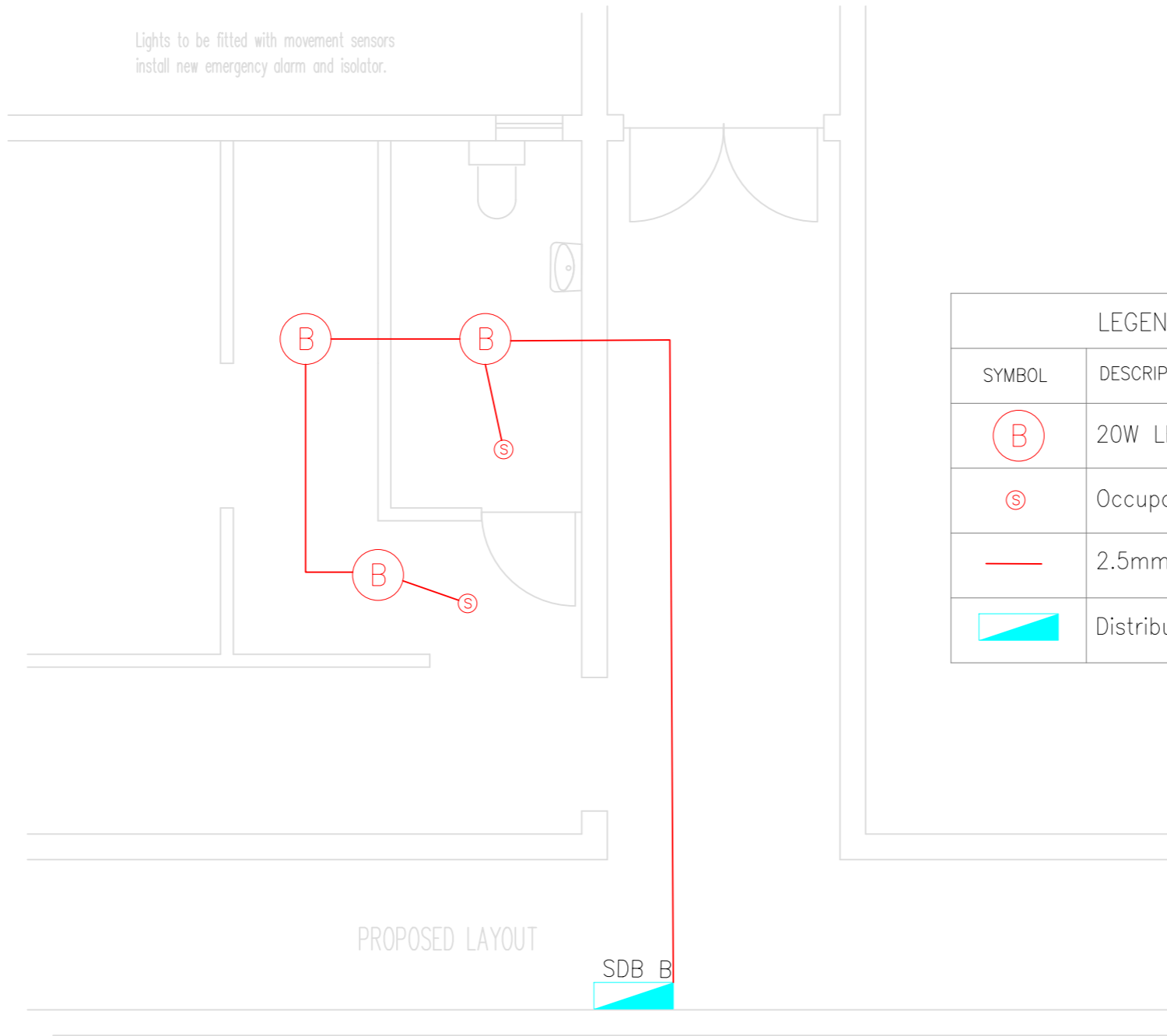
PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIGHTING LAYOUT

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-02	CHECKED BY T.MSIMANGA

# STAFF BATHROOMS- OFFICERS CLUB

Lights to be fitted with movement sensors  
install new emergency alarm and isolator.



LEGEND	
SYMBOL	DESCRIPTION
	20W LED Round Bulkhead
	Occupancy Sensor
	2.5mm² PVC Cable (existing)
	Distribution Board (existing)

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIGHTING LAYOUT

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-03	CHECKED BY T. MSIMANGA

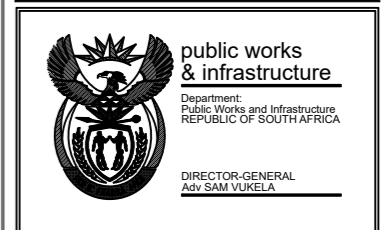
# NEW BATHROOM FOR GRAAN SUIER BUILDING

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

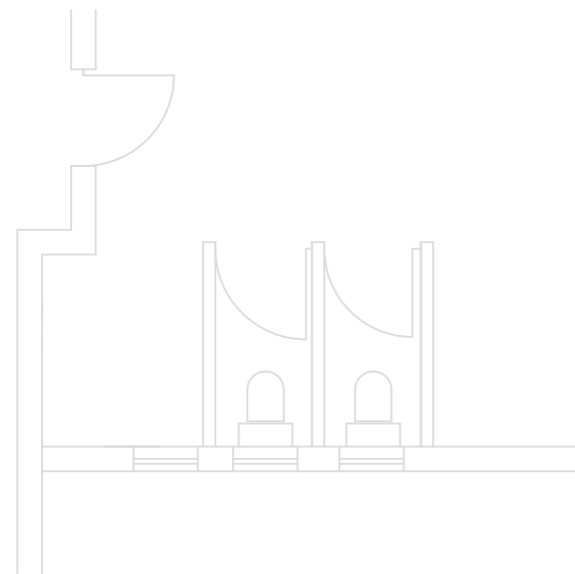
DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

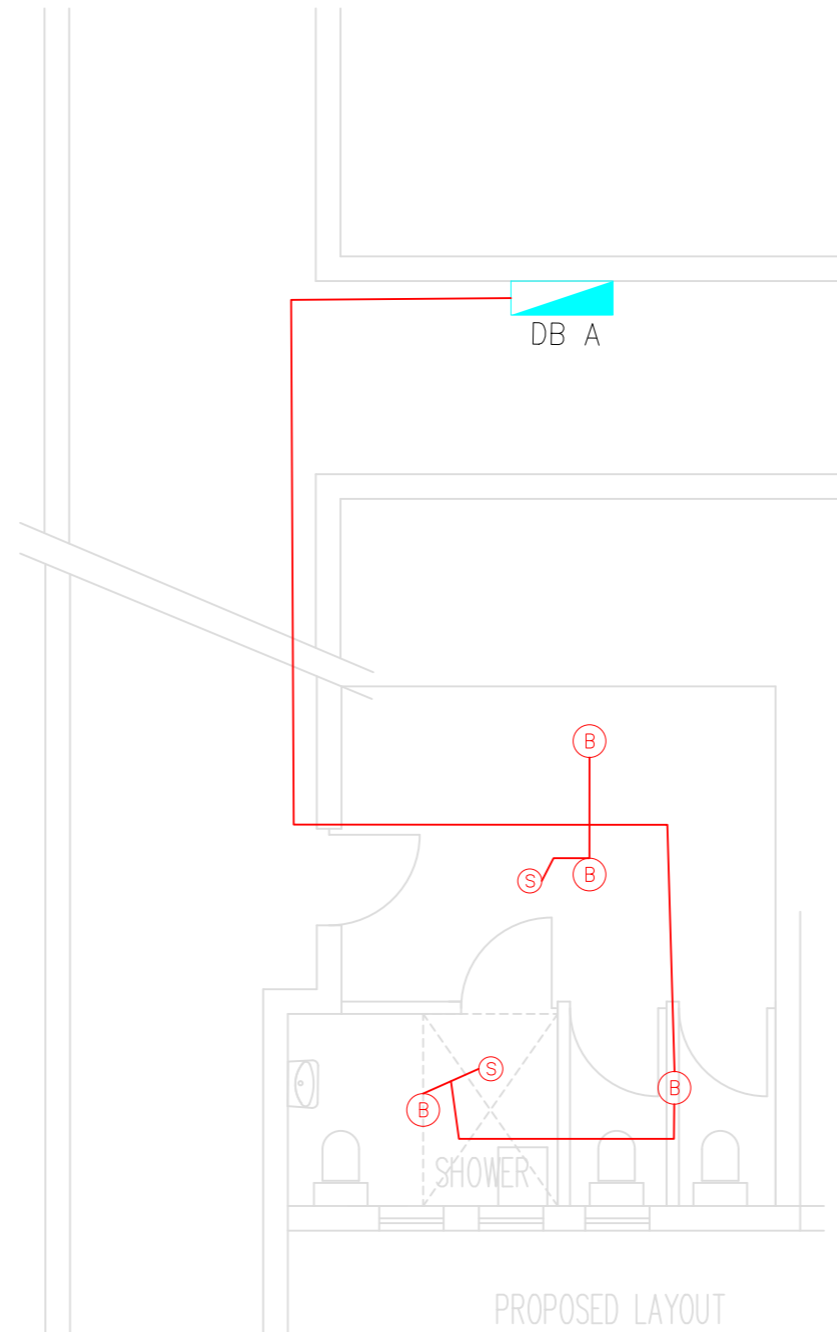
SERVICE  
LIGHTING LAYOUT

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-04	CHECKED BY T.MSIMANGA



EXISTING LAYOUT

LEGEND	
Symbol	Description
(B)	20W LED round bulkhead
(S)	Occupancy sensor
—	2.5mm <sup>2</sup> PVC cable
	Distribution Board







PROPOSED LAYOUT

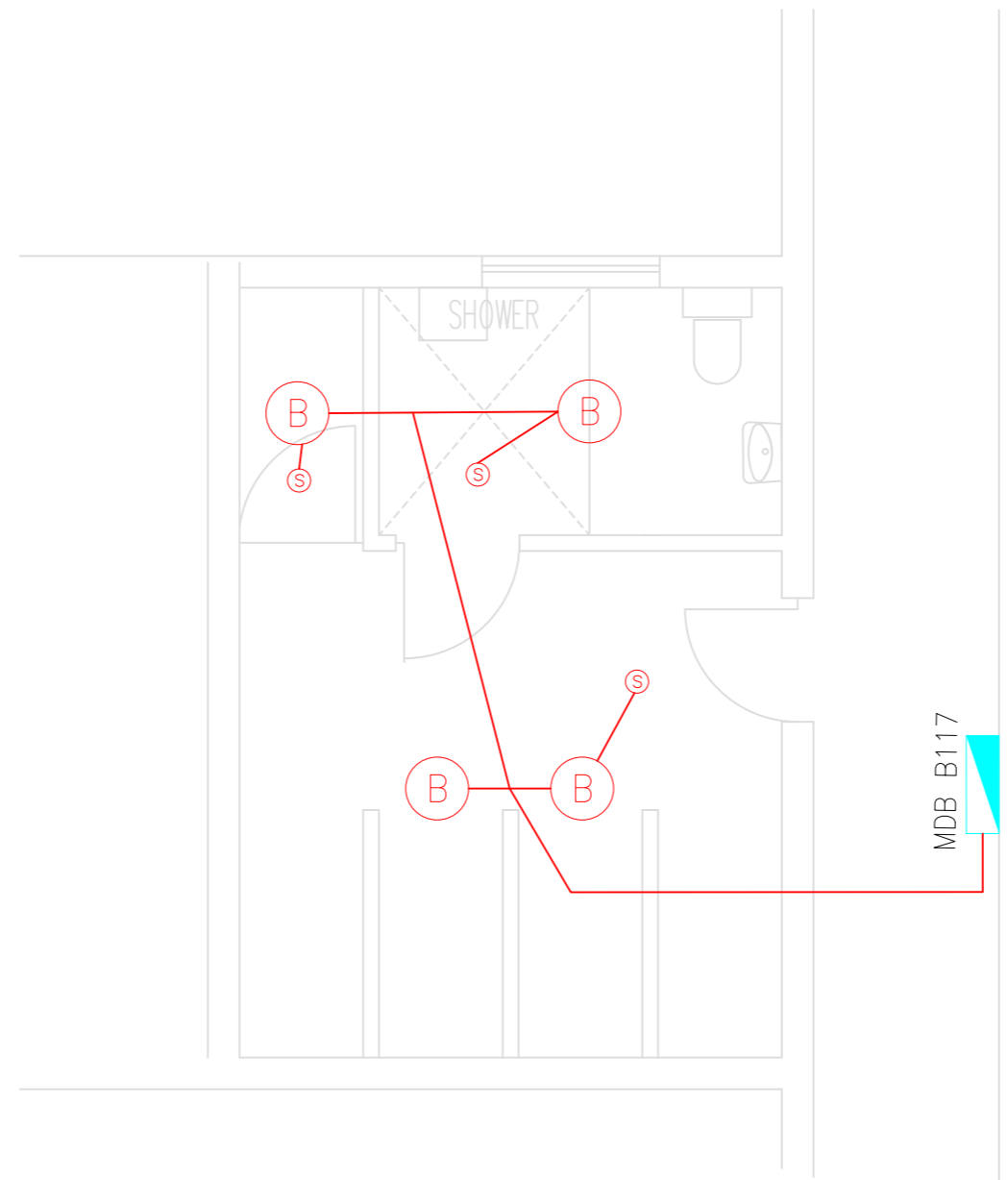
## STAFF BATHROOMS-

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

# BATHROOM :BUILDING 117

LEGEND	
SYMBOL	DESCRIPTION
	20W LED Round Bulkhead
	Occupancy Sensor
	2.5mm² PVC Cable (existing)
	Distribution Board (existing)



CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

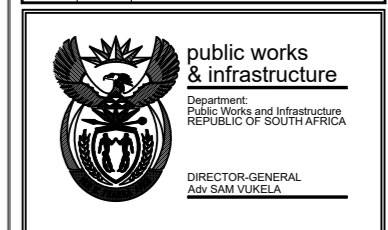
USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

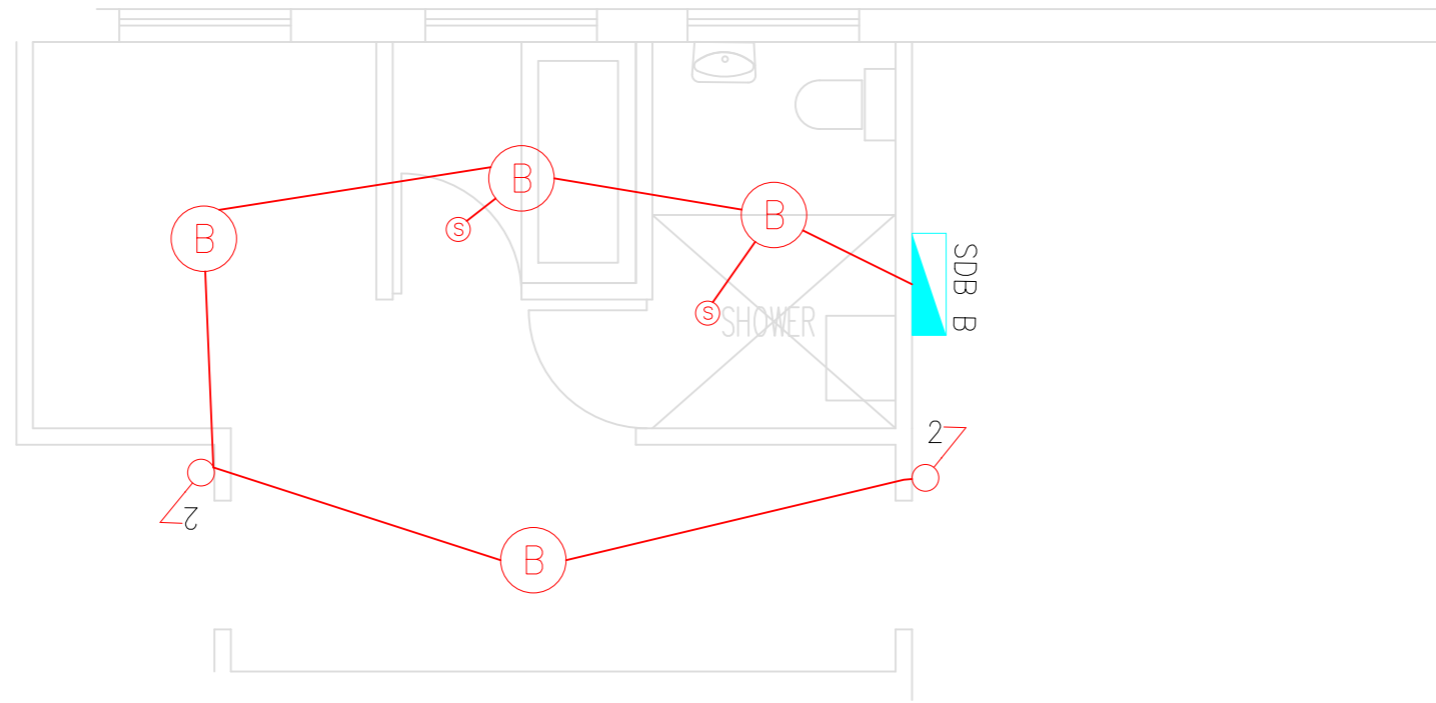
LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIGHTING LAYOUT

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-05	CHECKED BY T.MSIMANGA

# BATHROOM FOR ROOIWAL



LEGEND	
SYMBOL	DESCRIPTION
	20W LED Round Bulkhead
	Occupancy Sensor
	2.5mm <sup>2</sup> PVC Cable (existing)
	16A 1 Lever 2 Way Light Switch
	Distribution Board (existing)

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
 APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
 APPROVED/NOT APPROVED:

NOTES:  
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### DRAWING ISSUED FOR

Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

### Amendments

NR	DATE	DESCRIPTION



CLIENT  
 DEPARTMENT OF DEFENCE

DISCIPLINE  
 ELECTRICAL ENGINEERING

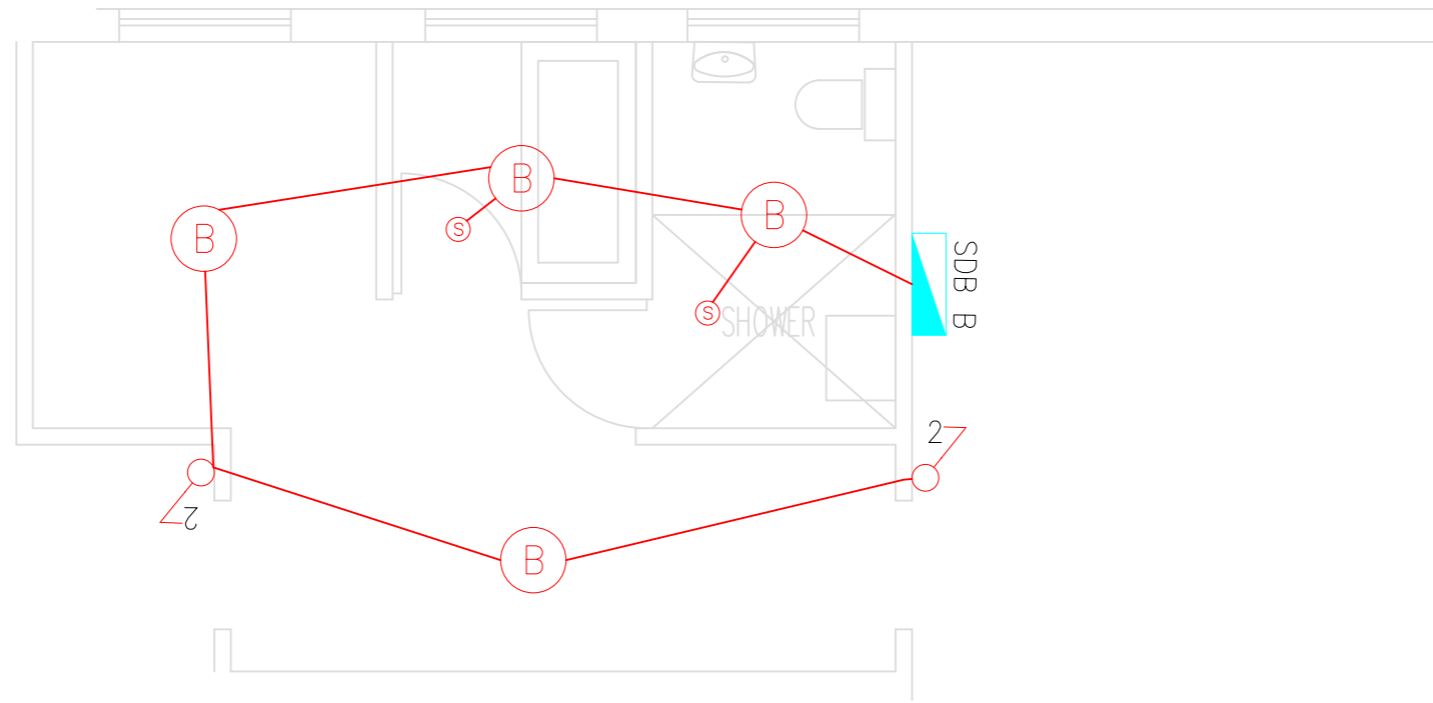
LOCATION  
 OUDTSHOORN :DOD  
 SADF SCHOOL OF INFANTORY

PROJECT TITLE  
 INSTALLATION OF FACILITIES  
 FOR PEOPLE WITH DISABILITIES

SERVICE  
 LIGHTING LAYOUT

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-06	CHECKED BY T. MSIMANGA

# BATHROOM FOR TALENI



LEGEND	
SYMBOL	DESCRIPTION
	20W LED Round Bulkhead
	Occupancy Sensor
	2.5mm² PVC Cable (existing)
	16A 1 Lever 2 Way Light Switch
	Distribution Board (existing)

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

NOTES:  
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## DRAWING ISSUED FOR

Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

## Amendments

NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
LIGHTING LAYOUT

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:001-07	CHECKED BY T. MSIMANGA



# GROUND FLOOR WALKWAYS - HQ

LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

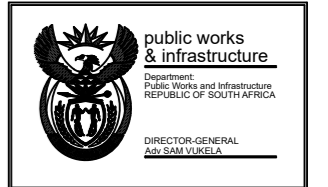


NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

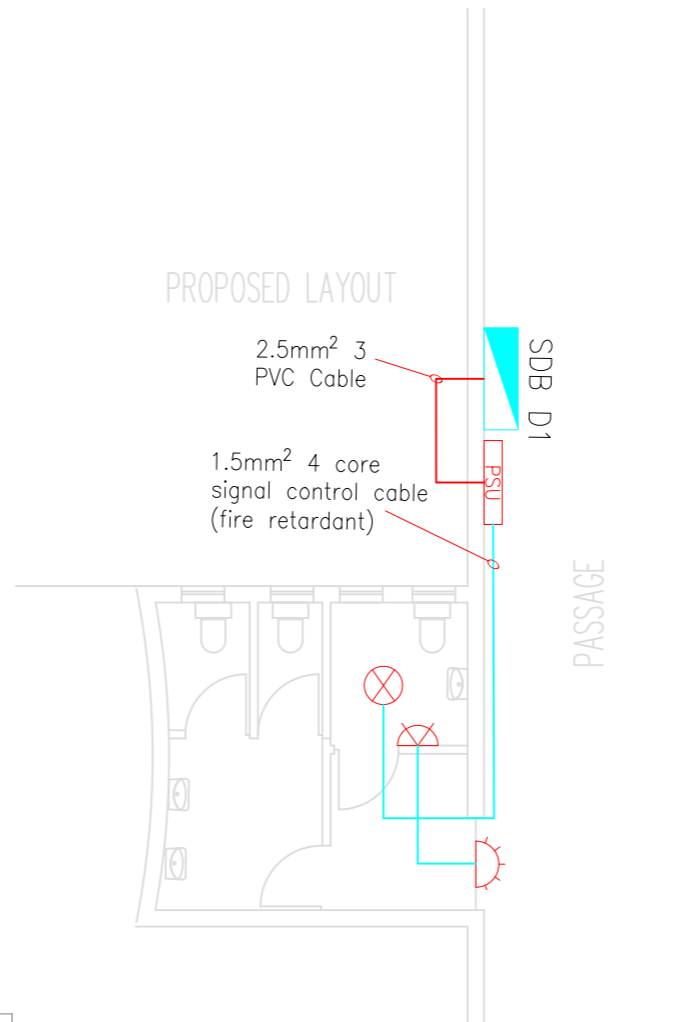
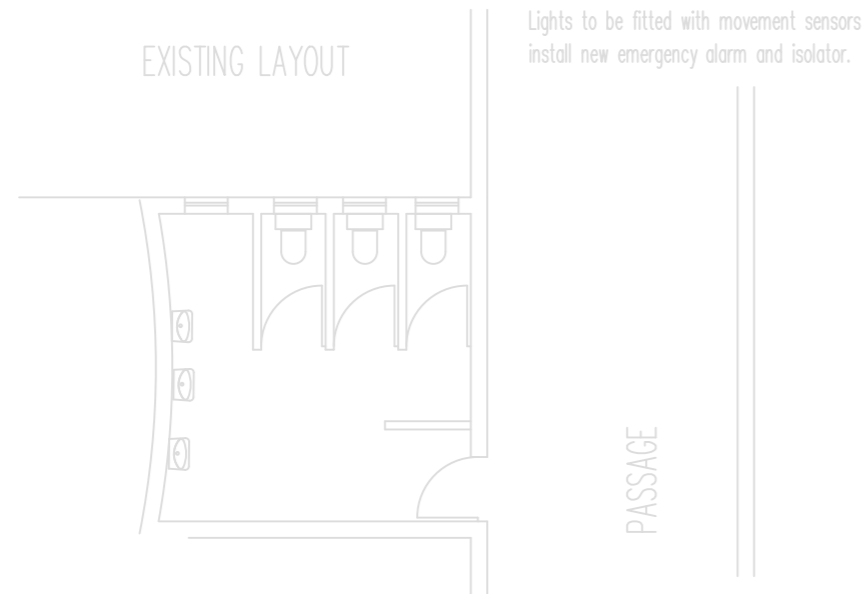
SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-01	CHECKED BY T.MSIMANGA

# NEW BATHROOM FOR THE TRAINING FACILITY



EXISTING LAYOUT

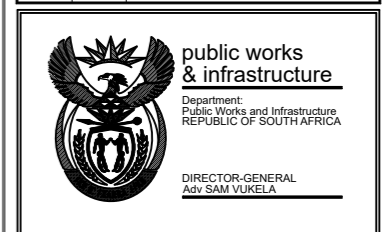
LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

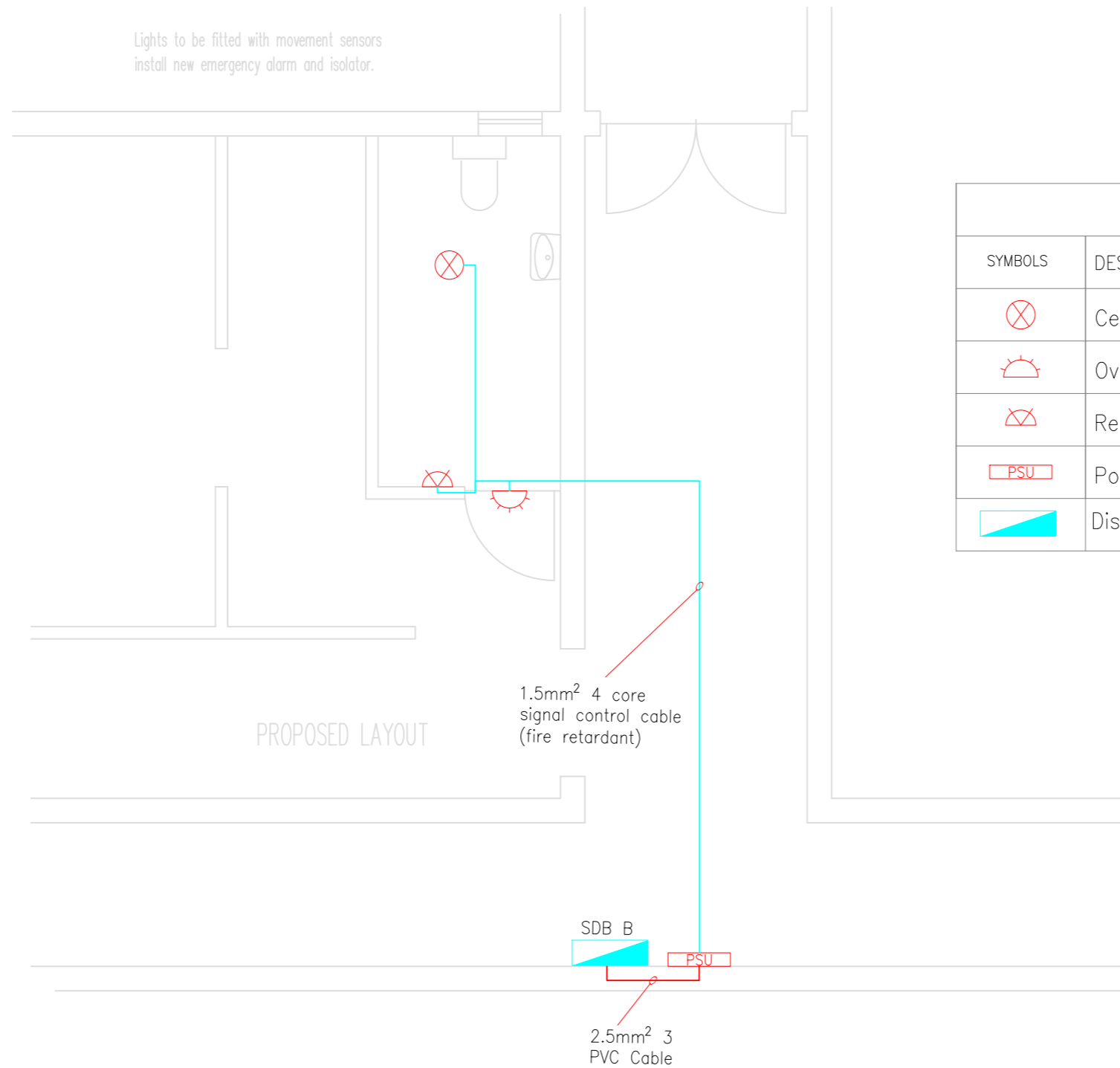
CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED:

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-02	CHECKED BY T.MSIMANGA

# plan view - STAFF BATHROOMS- OFFICERS CLUB

Lights to be fitted with movement sensors  
install new emergency alarm and isolator.



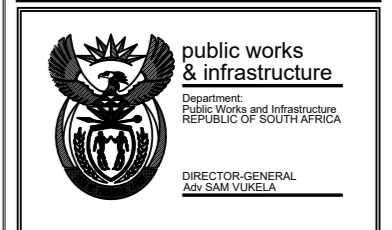
LEGEND	
SYMBOLS	DESCRIPTION
	Ceiling pull cord
	Overdoor light indicator
	Reset button
	Power supply unit
	Distribution Board(non essential)

NOTES:  
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DRAWING ISSUED FOR	
Information	
Prelim design	X
Detailed design	
Tender	
Construction	
As Built	

Amendments		
NR	DATE	DESCRIPTION



CLIENT  
DEPARTMENT OF DEFENCE

DISCIPLINE  
ELECTRICAL ENGINEERING

LOCATION  
OUDTSHOORN :DOD  
SADF SCHOOL OF INFANTORY

PROJECT TITLE  
INSTALLATION OF FACILITIES  
FOR PEOPLE WITH DISABILITIES

SERVICE  
DISABLED PERSONS  
ALARM SYSTEM

SCALE 1:100	DRAWN BY S. FATA
DATE August 2021	DESIGNED BY S. FATA
CAD REFERENCE PW:002-03	CHECKED BY T. MSIMANGA

CHIEF DIRECTOR DEPARTMENT : M. TLADI Pr.Eng.  
APPROVED/NOT APPROVED :

USER CLIENT DEPARTMENT:  
APPROVED/NOT APPROVED: