

Province Of The Northern Cape

DEPARTMENT OF ROADS AND PUBLIC WORKS



the dr&pw

Department:
Roads and Public Works
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

**PROCUREMENT DOCUMENTS
FOR
CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE
AT
GAOSHUPE PRIMARY SCHOOL IN PAMPIERSTAD
FOR
DEPARTMENT OF EDUCATION**

CLIENTS REPRESENTATIVE

A Miller

Tebogo Leon Tume Complex 9 - 11
Stokroos Street Square Hill Park
KIMBERLEY,
8301

Email: alycat.miller07@gmail.com
Tel: 053 839 2100
Cell: +27 82 260 1939

AGENT (1)

Clive Fourie

Health and Safety Officer

9-11 Stockroos Street
Squarehill Park
Kimberley
Northern Cape 8301

Email: CFourie@ncpg.gov.za
Tel: 053 839 2100

PRINCIPAL AGENT

A Miller

Tebogo Leon Tume Complex 9 -
11 Stokroos Street Square Hill
Park KIMBERLEY,
8301

Email: alycat.miller07@gmail.com
Tel: 053 839 2100
Cell: +27 82 260 1939

AGENT (2)

Daniel Maqutyana

Quantity Surveying

9-11 Stockroos Street
Squarehill Park
Kimberley
Northern Cape 8301

Email: danielmaqutyana@gmail.com
Tel: 067 079 5567

BID NR: DRPW 020/2021
CLOSING DATE: 19/01/2022
CLOSING TIME: 11:00

BIDDER'S NAME :

REFERENCED INDEX TO PARTS OTHER THAN BILLS OF QUANTITIES

The following index has been included for ease of paginating the document.

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FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER AND ACCEPTANCE

OFFER

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

CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL

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 OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

Rand (in words):	
Rand in figures:	R

VAT IS TO BE INCLUDED EVEN IF THE TENDERER IS A NON VAT VENDOR

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:	OR	Natural Person or Partnership: Whose Identity Number(s) is/are: Whose Income Tax Reference Number is/are:
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AND WHO IS (if applicable):

Trading under the name and style of:
--

AND WHO IS:

Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: In his/her capacity as:	Note: A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer.
---	---

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

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Name of witness	Signature	Date
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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 from R 500 000 and up to R 1 million, a surety of 2% 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 R 500 000, 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) **(DPW 10.3)** 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 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.

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	Other contact No.
Postal address:	
Main or Principal Place of Business: E-mail Address :	
Registered Place of Business:	

.....
Banker Branch.....
Registration No of Tenderer at Department of Labour
CIDB Registration Number: (Attached copy of certificate)
CSD Number:.....SARS Pin.....

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 1 Agreement and contract data, (which includes this agreement)
- Part 2 Pricing data (refer
- Part 3 Scope of work
- Part 4 Site information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

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 one week 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 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, if delivered by hand on the day of delivery, or if delivered by courier within two working days after submission by the Employer to the courier services for a door-to-door delivery to the Tenderer, provided that the Employer notifies the Tenderer of the tracking number within 24 hours of such submission, or if delivered by telefax, one working day after transmission, or if delivered by email, one working day after transmission.

For the Employer:

Name of signatory	Signature	Date

Name of Organisation:	DEPARTMENT OF ROADS AND PUBLIC WORKS
Address of Organisation:	Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301

WITNESSED BY:

Name of witness	Signature	Date

Schedule of Deviations

1.1.1. Subject:
Detail:
1.1.2. Subject:
Detail:
1.1.3. Subject:
Detail:
1.1.4. Subject:
Detail:
1.1.5. Subject:
Detail:
1.1.6. Subject:
Detail:

By the duly authorized 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.

THE TENDER

PART T1: TENDERING PROCEDURES

T1.1- Notice and Invitation to Tender

Notice and invitation to tender

THE DEPARTMENT OF ROADS & PUBLIC WORKS INVITES TENDERS FOR:

Project Title:	CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL		
Bid No:	DRPW 020/2021	Closing Time:	11:00
Closing Date:	19/01/2022	Validity Period:	90 Days

Tenderers should have a CIDB contractor grading of	5 GB
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RESPONSIVENESS CRITERIA	
√	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submission, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered for the specified CLASS and RANGE of construction works are eligible to submit tenders.
√	Joint ventures are eligible to submit tender provided that: <ol style="list-style-type: none"> 1. every member of the joint venture is registered with the CIDB 2. The lead partner has a contractor grading designation one grade lower in the value or higher as indicated above; and 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 for this project. 4. A Joint Venture Agreement <u>must</u> be submitted with the tender in the case of a joint venture offer.
√	Tender offer must be properly received on the closing date and time specified on the invitation, fully completed and signed in ink (All as per Standard Conditions of Tender).
√	Submission of applicable: 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.
√	Submission of (NCP 4) DECLARATION OF INTEREST.
√	Submission of other compulsory returnable schedules / documents as per LIST OF RETURNABLE DOCUMENTS.
√	Submission of SITE INSPECTION CERTIFICATE as proof for attendance of compulsory site meeting.
√	Submission of valid ORIGINAL VALID TAX CLEARANCE CERTIFICATE OR TAX PIN
√	Submission of PRICED BILL OF QUANTITIES WITH THE TENDER
√	Submission of (NCP 8) BIDDERS PAST SUPPLY CHAIN MANAGEMENT PRACTICES
√	Submission of (NCP 9) CERTIFICATE OF INDEPENDENT BID DETERMINATION

Tender will be evaluated according to the preferential procurement model in the Preferential Procurement Regulations 2011 (**B-BBEE Status Level Contribution – Refer to Form SBD 6.1**)

The 80/20 system for requirements with a Rand value of up to R50 000 000; OR
 The 90/10 system for requirements with a Rand value above R50 000 000.

Where the financial value inclusive of VAT of one or more responsive tenders received equals or is less than R 50 000 000, the 80/20 system shall be applicable.

Where the financial value inclusive of VAT of all responsive tenders received has a value in excess of R 50 000 000, the 90/10 system shall be applicable.

Price / Preference / Functionality:				
Requirement	≤ R50 000 000	> R50 000 000		
Price	80 %	90 %	Total must equal	100 %
Preference	20 %	10 %		
Functionality	0 % of 80%	0% of 90%		

Preference point scoring system will be broken down as follows:

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	8	16
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant Contributor	0	0

NOTE:	Tenders claiming preference points MUST sign and submit the Preference Certificate (NCP 6.1) and a certified copy of their B-BBEE Verification Certificate obtained from a Verification Agency accredited by the South African Accreditation Systems (SANAS).
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collection of tender documents:

PLACE	Tender document may be collected during working hours at the following address: Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301
DEPOSIT	A non-refundable tender deposit of R The document is available at www.etenders.gov.za as the department does not print out nor sell the documents is payable and is required on collection of the tender documents.
INSPECTION	AS PER TENDER ADVERT

Enquiries related to tender documents may be addressed to:

Dept Project Leader:	Alison Miller	Telephone no:	053 839 2100
Cell no:	+27 82 260 1939	Fax no:	053 839 2291
E-mail:	alycat.miller7@gmail.com		

Deposit / RETURN of tender documents:

POSTED TO	<p>Tender document may be posted to:</p> <p>THE HEAD OF SCM</p> <p>DEPARTMENT OF ROADS AND PUBLIC WORKS</p> <p>Tebogo Leon Tume Complex 9-11 Stockroos Street Square Hill Park KIMBERLY, 8301</p> <p>Attention: Mr. Moeketsi</p> <p>OR</p> <p>Tender documents may be posted in the tender box outside the main entrance:</p> <p>Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301</p>
<p>Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.</p>	
<p>Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the TENDER DATA (T 1. 2)</p>	

T 1.2 - Tender Data

T1.2- TENDER DATA

The department of roads & public Works invites tender FOR:

Project Title:	CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL		
Bid No:	DRPW 020/2021	Closing Time:	11:00
Closing Date:	19/01/2022	Validity Period:	90 Days

CLAUSE NUMBER	DETAIL
	<p>The conditions of tender are the Standard Conditions of Tender as contained in Annexure F of the CIDB Standard for Uniformity in Construction Procurement as per Government Notice No 751 Published in Government Gazette No. 27831 of 22 July 2005 and as amended for time to time. (see. www.cidb.org.za)</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 'F' in the above-mentioned Standard Conditions of Tender.</p>
F.1.1	The employer is the Government of the Republic of South Africa in its Northern Cape Provincial Government, represented by the Accounting Officer of the Northern Cape Department of Roads & Public Works.
F.1.2	<p>For this contract the single volume approach is adopted.</p> <p>This procurement document has been formatted and compiled under the headings for a single volume approach as contained in table 6 of the CIDB's "Standard Uniformity in Construction Procurement."</p> <p>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 including the Fully Priced Activity Schedule/ Bills of Quantities, signing the "Offer" section in the Form of Offer and Acceptance" and delivering the single volume procurement document back to the Department bounded up as it was when it was received.</p> <p>The single volume procurement document issued by the employer comprises the following:</p> <p>TENDER Part 1: Tendering Procedures T1.1 – Tender notice and invitation to tender (Refer to index) T1.2 – Tender data (Refer to index)</p> <p>Part 2: Returnable Documents T2.1 – List of returnable documents (Refer to index) T2.2 - Returnable Schedules</p> <p>CONTRACT Part 1: Agreement and Contract Data C1.1 – Form of offer and acceptance (Refer to index) C1.2 – Contract data (Refer to index) C1.3 – Form of Guarantee (Refer to index)</p> <p>Part 2: Pricing Data C2.1 – Pricing instructions (Refer to index) C2.2 - Activity schedules / Bills of Quantities</p> <p>Part 3: Scope of Work C3 – Scope of work (Refer to index)</p> <p>Part 4: Site Information C4 – Site information (Refer to index)</p>

F.1.4	The employer's agent is:								
	Name	Alison Miller							
	Capacity	PROJECT LEADER							
	Address	Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301							
	Tel:	053 839 2100 / +27 82 260 1939							
	Fax	053 839 2291							
	E-mail	alycat.miller7@gmail.com							
F.1.5.2	Insert the following: "..... tender offers, <u>save for all tenders being non responsive</u> , re-issue a tender covering								
F.2.1	For eligibility refer to Notice and Invitation to Tender T1.1.								
	A contract will only be entered into with a tenderer who has in his employment management and supervisory staff satisfying the requirement of the scope of works for labour intensive competencies for supervisory and management staff – <i>NOT APPLICABLE</i> .								
	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of Submissions in a GENERAL BUILDING class of construction, in the grading mentioned in the Notice and Invitation to Tender (T1.1) , are eligible to submit tenders.								
	Tender offers scoring less than a minimum of % in respect of the total evaluation points for quality will be regarded as non-responsive. THE PROVISION IS NOT APPLICABLE TO EVALUATION METHOD 1 & 2.								
	<table border="1"> <thead> <tr> <th>Description of quality criteria & sub criteria</th> <th>Maximum number of tender evaluation points</th> </tr> </thead> <tbody> <tr> <td>NOT APPLICABLE TO THIS TENDER CIDP REQUIREMENTS WILL BE ACCEPTED</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>TOTAL EVALUATION POINTS FOR QUALITY (MS)</td> <td>0 POINTS</td> </tr> </tbody> </table>	Description of quality criteria & sub criteria	Maximum number of tender evaluation points	NOT APPLICABLE TO THIS TENDER CIDP REQUIREMENTS WILL BE ACCEPTED				TOTAL EVALUATION POINTS FOR QUALITY (MS)	0 POINTS
Description of quality criteria & sub criteria	Maximum number of tender evaluation points								
NOT APPLICABLE TO THIS TENDER CIDP REQUIREMENTS WILL BE ACCEPTED									
TOTAL EVALUATION POINTS FOR QUALITY (MS)	0 POINTS								
F.2.7	For particulars regarding A PRE-TENDER SITE INSPECTION MEETING, see Notice and Invitation to Tender T1.1								
F.2.12	<p>If a tenderer wishes to submit an own alternative offer, the only criteria permitted for such alternative tender offer is that if demonstrably satisfies the Employer's standards and requirements. A tender 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 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 a contractual obligation of the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respect with the Employer's standards and requirements.</p> <p>The modification Pricing Data must include an amount equal to 5% of the amount tenderer for the alternative offer to cover the Employer's cost of confirming the acceptability of the detailed design before it is constructed</p>								

	Alternative tender offer permitted:	NO
F.2.12	The EMPLOYERS 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	
F.2.13.6 F.3.5	A two-envelope procedure will / will not be followed.	
F.2.15	The CLOSING TIME for submission of tender offers is as per Notice and Invitation to Tender T1.1	
F.2.16	The tender offer VALIDITY PERIOD is as per Notice and Invitation to Tender T1.1	
F.2.18	The tenderer will be required to submit a fully Priced Bill / Lump Sum tender document, with tender closing.	
F.2.19	Access shall be provided for inspection, tests and analysis as may be required by the Employer.	
F.2.22	Not a requirement.	
F.3.4.1 F.3.4.2.	The location for opening of the tender offers, immediately after closing time thereof shall be at: Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301	
F.3.11.1	The procedure for the evaluation of responsive tender is <ul style="list-style-type: none"> • Method 1: Financial offer • Method 2: Financial offer and preferences • Method 3: Financial offer and quality • Method 4: Financial offer, quality and preferences <p style="text-align: right;">METHOD 2 - WILL apply for this tender.</p>	
F.3.11	<p>Scoring the Financial Offer:</p> <p style="padding-left: 40px;">$P_s = NEP + W_c$ (calculated separately for each tender offer)</p> <p>The score for quality and financial offer is to be combined, before the addition of the score for preference, as follows:</p> $W_c = W_3 \left(1 + \frac{P - P_m}{P_m} \right)$ <p>where</p> <p style="padding-left: 20px;">W_3 = The number of tender evaluation points for quality and financial offer and equals:</p> <ol style="list-style-type: none"> 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R 50 000 000; or 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers equals or is less than R 50 000 000. <p style="padding-left: 20px;">P = The price of the financial offer of the submission under consideration.</p> <p style="padding-left: 20px;">P_m = The price of the financial offer of the submission of the lowest acceptable tender.</p> <p style="padding-left: 20px;">W_c = Points allocated for price of tender under consideration.</p> <p>Scoring for Preferences:</p> <p>In terms of the Preferential Procurement Regulations 2011 preferences points for B-BBEE level of contribution are calculated on their B-BBEE Status Level of Contribution in the industry.</p> <p>Tender evaluation points will be awarded to tenderers who completes the preferencing schedule and who is found to be eligible for the preference claimed.</p>	

	<p>Points for Direct Preference will be calculated according to the B-BBEE Status Level of Contribution of the tender under consideration as a per the points stated in the Notice and Invitation to Tender T1.1 and claimed in this form.</p> <p>Calculate Total tender Evaluation Points:</p> <p>The point calculated for price will be added to the point scored for preference for each individual tender offer.</p>
F.3.13.1	<p>Tender offers will only be accepted if:</p> <ul style="list-style-type: none">a) 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 12 of 2004) as a person prohibited from doing business with the public sector; andb) The tenderer has not:<ul style="list-style-type: none">1. abused the Employer's Supply Chain Management System; or2. Failed to perform on any previous contract and has been given a written notice to this effect.
F.3.18	<p>Provide to the successful tender one copy of the signed contract document.</p>

PART T2: RETURNABLE DOCUMENTS

T2.1- List of Returnable Documents

LIST OF RETURNABLE DOCUMENTS

1. RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES

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

Tender document name		Number of pages issued	Returnable document
T 2. 2-1	Resolution of Board of Directors (PA-15.1)	1 Page	<input checked="" type="checkbox"/> Yes
T2. 2-2	Resolution of Board of Directors to enter into consortia or JV's (PA-15.2)	2 Pages	<input checked="" type="checkbox"/> Yes
T2 2-3	Special Resolution of Consortia or JV's (PA-15.3)	3 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-4	Schedule of proposed sub-contractors (DPW-15: EC)	1 Page	<input checked="" type="checkbox"/> Yes
T2. 2-7	Site Inspection Meeting Certificate (DPW-16: EC)	1 Page	<input type="checkbox"/> No
T2. 2-8	Declaration of Interest (PA-11)	3 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-10	Original valid TAX clearance certificate	1 Page	<input checked="" type="checkbox"/> Yes
T2. 2-13	Bidders Past SCM Practices (NCP 8)	2 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-14	Certificate of Independent Bid Determination (NCP 9)	4 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-15	Compulsory Enterprise Questionnaire	2 Pages	<input checked="" type="checkbox"/> Yes
	Priced Bills of Quantities	Pages	<input checked="" type="checkbox"/> Yes

2. RETURNABLE SCHEDULES THAT WILL BE INCORPORATED INTO THE CONTRACT

Tender document name		Number of pages issued	Returnable document
T2. 2-6	Preference Certificate (SBD6.1)	6 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-11	Record of Addenda to tender documents (DPW-21: EC)	1 Pages	<input checked="" type="checkbox"/> Yes
T2. 2-12	Particulars of Electrical Contractor (refer to index)	1 Page	<input checked="" type="checkbox"/> Yes

3. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

Tender document name		Number of pages issued	Returnable document
Form of construction guarantee (DPW 10.1 & DPW 10.3)		Pages	<input checked="" type="checkbox"/> Yes

Resolution of Board of Directors

RESOLUTION OF BOARD OF DIRECTORS

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

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

Held at _____ (place)

On _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid / Tender to the DEPARTMENT OF ROADS & PUBLIC WORKS in respect of the following project:

(Project description as per Bid / Tender Document)

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

2. *Mr/Mrs/Ms: _____

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

and who will sign as follows : _____

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

	NAME	Capacity	Signature
1			
2			
3			
4			
5			
6			

Note:

1. * Delete which is not applicable
2. **NB.** This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise
3. 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

Resolution of Board of Directors to Enter into Consortia or Joint Ventures

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:

3. 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 ROADS & 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)

4. *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.

5. 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.

6. 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: _____ (code)

Fax number: _____ (code)

	NAME	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

1. * Delete which is not applicable
2. **NB.** This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise
3. 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

Joint ventures are eligible to submit tender provided that:

- every member of the joint venture is registered with the CIDB
- 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 for this project.
- A Joint Venture Agreement must be submitted with the tender in the case of a joint venture offer.

Special Resolution of Consortia or Joint Ventures

SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorized 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)*

- 7. _____

- 8. _____

- 9. _____

- 10. _____

- 11. _____

- 12. _____

- 13. _____

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 ROADS & 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)*

- B. Mr/Mrs/Ms: _____

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

and who will sign as follows: _____

be, and is hereby, authorized 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: _____

_____ (code)

E-mail address : _____

Business address: _____

_____ (code)

Postal Address: _____

_____ (code)

Telephone number: _____ (code)

Fax number: _____ (code)

	NAME	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

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 Bid
3. Should the number of Duly Authorised Representatives of the Legal Entities joining forces in this Bid exceed the space available above, additional names and signatures must be supplied on a separate page
4. Resolutions, duly completed and signed, from the separate Enterprises who participate in this Consortium/Joint Venture must be attached to the Special Resolution.

Joint ventures are eligible to submit tender provided that:

- every member of the joint venture is registered with the CIDB
- 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 for this project.
- A Joint Venture Agreement must be submitted with the tender in the case of a joint venture offer.

Schedule of Proposed Subcontractor

SCHEDULE OF PROPOSED SUBCONTRACTORS

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

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council and/or with the CIDB (Construction Industry Development Board).

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

Name of representative	Signature	Capacity	Date

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

Capacity of Tenderer

CAPACITY OF TENDERER

4. **WORK CAPACITY:** *(The Tenderer is requested to furnish the following particulars, attach additional pages if more space is required. Failure to furnish the particulars may result in the Tender being disregarded.)*

Skilled artisans employed		Unskilled employees employed	
Categories of artisans	Number	Categories of employees	Number

4.1. Provide full particulars of:

Machinery	Plant	Workshops

5. PARTICULARS OF COMMITMENTS WHICH THE TENDERER HAS PREVIOUSLY COMPLETED AND PRESENTLY ENGAGED WITH:

5.1. Current projects:

Project	Place (town)	Reference / Contact person	Contact Tel. No.	Contract amount	Contract period	Date of commencement	Scheduled date of completion
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

5.2. Previous projects:

Project	Place (town)	Reference / Contact person	Contact Tel. No.	Contract amount	Contract period	Date of commencement	Scheduled date of completion	Actual date of completion
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Name of Tenderer	Signature	Date

Preference Certificate

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. BIDDERS ARE ALSO REFERRED TO THE IMPLEMENTATION GUIDE; PREFERENTIAL PROCUREMENT REGULATIONS, 2017 VERSION 3; AUGUST 2021.

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

- a) The value of this bid is estimated to ~~exceed~~/not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

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

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

	POINTS
PRICE	90
B-BBEE STATUS LEVEL OF CONTRIBUTOR	10
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 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.

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“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 goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

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

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

80/20 or 90/10

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

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

P_{\min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 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. BID DECLARATION

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

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)
 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

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

7.1.1 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 or QSE

(Tick applicable box)

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

v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

vi)

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

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

8.6 COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business:.....

8.8 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 contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, 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 paragraphs 1.4 and 6.1, 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 contributor 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) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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 BIDDERS(S)
DATE:
ADDRESS
.....
.....

Site Inspection Meeting Certificate

SITE INSPECTION MEETING CERTIFICATE

Project title:	CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL
-----------------------	--

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

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 DEPT Representative or Project Leader	Signature	Date

Name of Project Manager	Signature	Date

Declaration of Interest

NCP 4 (7/12/11):

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the bidder is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**
 - 2.1 Full Name of bidder or his or her representative:.....
 - 2.2 Identity Number:.....
 - 2.3 Position occupied in the Company (director, trustee, shareholder², member):
.....
 - 2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:
.....
 - 2.5 Tax Reference Number:.....
 - 2.6 VAT Registration Number:
 - 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.

¹"State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

Mark applicable box with an X

2.7 Are you or any person connected with the bidder presently employed by the state? YES NO

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state institution at which you or the person connected to the bidder is employed:

Position occupied in the state institution:

Any other particulars:
.....
.....
.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? YES NO

2.7.2.1 If yes, did you attach proof of such authority to the bid document? YES NO

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:
.....
.....
.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? YES NO

2.8.1 If so, furnish particulars:
.....
.....
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? YES NO

2.9.1 If so, furnish particulars.
.....
.....
.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? YES NO

Mark applicable box with an X

2.10.1 If so, furnish particulars.

.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES NO

2.11.1 If so, furnish particulars:

.....

Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Income Tax Reference Number	State Number / Employee Peral Number

4 DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
 Signature

.....
 Date

.....
 Position

.....
 Name of bidder

Record of Addenda to Tender Documents

RECORD OF ADDENDA TO TENDER DOCUMENTS

14. I / We confirm that the following communications received from the DEPARTMENT OF ROADS & PUBLIC WORKS before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

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

Name of Tenderer	Signature	Date

15. I / We confirm that no communications were received from the DEPARTMENT OF ROADS AND PUBLIC WORKS before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

Particulars of Electrical Contractor

PARTICULARS OF ELECTRICAL CONTRACTOR

We confirm that the **Electrical Contractor** contracted to construct are registered with the Electrical Contracting Board of SA, the Department of Employment and Labour and with the CDB (Construction Industry Development Board) in their class of construction.

Name of Electrical Contractor:

Address:

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

Name of Tenderer	Signature	Date

Bidders Past Supply Chain Management Practices

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		

4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME).....
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Certificate of Independent Bid Determination

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (NCP) must form part of all bids¹ 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).² Collusive bidding is a *pe 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 NCP 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 (NCP 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² 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:

DRPW 020/2021 : CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE
PRIMARY SCHOOL

(Bid Number and Description)

in response to the invitation for the bid made by:

DEPARTMENT OF ROADS AND PUBLIC WORKS

(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

NCP 9 (7/12/11)

- 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 consortium³ 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.

³ 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.

10. 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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Local Content Declaration

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS (SBD 6.2)

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, 2011, 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) makes provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids 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 1286:211 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) at 12:00 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.DTI.GOV.ZA/INDUSTRIAL DEVELOPMENT/IP.JSP](http://www.dti.gov.za/industrial_development/ip.jsp) AT NO COST.

- 1.6 A bid may be disqualified if this Declaration Certificate and Form L (Annex C, D and E) are not submitted as part of the bid documentation.

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:

Description of services, works or goods	Stipulated minimum threshold
Steel value-added construction material products	
Fabricated Structural Steel	100%
Joining/Connecting Components	100%
Frames	100%
Roof and Cladding	100%
Fasteners	100%
Wire Products	100%
Ducting and Structural Pipework	100%
Gutters, downpipes & launders	100%
Primary steel construction material products	
Plates (>4.5mm thick and supplied in flat pieces)	100%
Sheets (<4.5mm thick and supplied in coils)	100%
Galvanised and Colour Coated coils	100%
WireRod and Drawn Wire	100%
Sections (Channels, Angles, I-Beams and H-Beams)	100%
Reinforcing bars	100%
Electrical cable material products	
Low Voltage	90%
Low Cost Reticulation	90%
Medium & High Voltage	90%
ACR	90%

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

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

Tick applicable box

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 at 12:00 on the date of advertisement of the bid 08 December 2017.

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

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to

Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

4. Were the Local Content Declaration Templates (Annex C (Form A3.6), D and E) audited and certified as correct?

YES		NO	<i>Tick applicable box</i>
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4.1 If yes, provide the following particulars:

- (a) Full name of auditor:
.....
- (b) Practice number:
- (c) Telephone and cell number:
- (d) Email address:
.....

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

- 5 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 Institution):
.....

N.B.:

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 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.dti.gov.za/industrialdevelopment/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. **Declarations C, D and E, 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 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 Declarations 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 2 above)	...%
Local content %, as calculated in terms of SATS 1286:2011	...%

IF THE BID IS FOR MORE THAN ONE PRODUCT, THE LOCAL CONTENT PERCENTAGES FOR EACH PRODUCT CONTAINED IN DECLARATION C SHALL BE USED INSTEAD OF THE TABLE ABOVE.

The local content percentage 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 Declarations 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:

DATE:

WITNESS No. 1:

DATE:

WITNESS No. 2:

DATE:

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

Tender No.	
Tender description:	
Designated Products:	
Tender Authority:	
Tendering Entity name:	
Tender Exchange Rate:	Pula

Note: VAT to be excluded from all calculations

EU R 9.00 GBP R 12.00

A. Exempted imported content

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
Total exempt imported value											

This total must correspond with Annex C - C 21

B. Imported directly by the Tenderer

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
Total imported value by tenderer											

Compulsory Enterprise Questionnaire

6. Compulsory Enterprise Questionnaire

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Attach to this form the most recent financial statements of the tendering entity.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: cidb registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

CSD Number.....

SARS Pin.....

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|--|---|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | <input type="checkbox"/> an employee or a member of board of directors of cidb |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature
- an employee or a member of board of directors of CIDB

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

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

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Enterprise name

THE CONTRACT

PART C1 : CONTRACT DATA

Contract Data: JBCC 2000 Principal Building Agreement

CONTRACT DATA: JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

CONTRACT DATA

CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL

	<p>The Conditions of Contract are clauses 1 to 41 of the JBCC Series 2000 Principal Building Agreement (Edition 4.1 of March 2005) prepared by the Joint Building Contracts Committee.</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>
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	<p>CONTRACT VARIABLES</p> <p>THE SCHEDULE</p> <p>The schedule contains all variables referred to in this document and is divided into part 1: contract data completed by the employer and part 2: contract data completed by the contractor. Part 1 must be completed in full and included in the tender documents. Both the part 1 and part 2 form part of this agreement</p> <p>Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank. 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 schedule. Key cross reference clauses are italicized in [] brackets</p>
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42.0	Part 1: Contract Data completed by the Employer:
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42.1	CONTRACTING AND OTHER PARTIES
42.1.1	<p><u>Employer:</u></p> <p>Government of the Republic of South Africa in its Northern Cape Provincial Government, represented by the Accounting Officer of DEPARTMENT OF ROADS AND PUBLIC WORKS</p> <p><u>Postal address:</u></p> <p>Tebogo Leon Tume Complex 9-11 Stockroos Street Square Hill Park KIMBERLY, 8301</p> <p>[1.2] Tel: 053 839 2100 Fax: 053 839 2290 /1</p> <p><u>Physical address:</u></p> <p>Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301</p>

<p>42.1.2 [1.1, 5.1]</p>	<p>Principal Agent: Alison Miller</p> <p>Agent's service: Project Leader</p> <p>Postal address:</p> <p style="text-align: center;">Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301</p> <p>Tel: [053] 839-2100 Fax: [053] 839 2290 /1 email: alycat.miller7@gmail.com</p>
<p>[1.1]</p>	<p><u>Representative of the Employer:</u></p> <p>Project Leader : Alison Miller</p> <p>Postal address:</p> <p style="text-align: center;">Tebogo Leon Tume Complex 9 - 11 Stokroos Street Square Hill Park KIMBERLEY, 8301</p> <p>Tel: [053] 839 2100 Cell: +27 82 260 1939 Fax: [053] 839 2290 /1</p>
<p>42.1.3 [1.1, 5.2]</p>	<p>Agent (1): .</p> <p>Agent's service: .</p> <p>Postal address:</p> <p style="text-align: center;">.</p> <p>Tel: . Fax: . email: .</p>
<p>42.1.3 [1.1, 5.2]</p>	<p>Agent (2): .</p> <p>Agent's service: .</p> <p>Postal address:</p> <p style="text-align: center;">.</p> <p>Tel: . email: .</p>
<p>42.1.3 [1.1, 5.2]</p>	<p>Agent (3): .</p> <p>Agent's service: .</p> <p>Postal address:</p> <p style="text-align: center;">.</p> <p>Tel: . Fax: . email: .</p>

42.2	CONTRACT DETAILS
42.2.1 [1.1]	Works description: Refer to document C3 – Scope of Work.
42.2.2 [1.1]	Site description: Refer to document C4 – Site Information.
42.2.4 [41.0]	Specific options that are applicable to a State organ only Where so :
[1.1 #] [31.11.2 #] [31.12.2#]	1) Interest rate legislation: The interest rate applicable will be 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)
[11.2.#]	2) Lateral support insurance to be effected by the contractor: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
[31.4.2 #]	3) Payment will be made for materials and goods Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[40.2.2.#]	4) Dispute resolution by litigation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[26.1.2 #]	5) Extended defects liability period applicable to the following elements: N/A
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : Ten (10) working days .
42.2.7 [24.3.1] [30.1]	For the works as a whole: Completion will be as follows: The date for practical completion shall be 09 Months from the commencement date and the penalty per calendar day shall be R 500 for late completion.
42.2.8 [24.3.1] [28.1]	For the works in sections : The date for practical completion from the commencement date and the penalty per calendar day : NOT APPLICABLE Section 1: Section 2: insert description as may be applicable insert penalty amount Section 3: insert description as may be applicable insert penalty amount Section 4: insert description as may be applicable insert penalty amount

42.2.9 [1.2]	The law applicable to this agreement shall be that of the: Republic of South Africa
42.3	INSURANCES
42.3.1 [10.1 #, 10.2 # 12.1 #]	<p>Contract works insurance to be effected by the contractor</p> <p><input checked="" type="checkbox"/> To the minimum value of the contract sum plus 10% With a deductible not exceeding 5% of each and every claim</p> <p>Or</p> <p><input type="checkbox"/> For the minimum sum of R (.....)) With a deductible not exceeding 5% of each and every claim</p>
42.3.2 [10.1 #, 10.2 #, 12.1 #]	<p>Supplementary insurance is required: Yes</p> <p>To the minimum value of the contract sum plus 10 %</p>
42.3.3 [11.1 #, 12.1 #]	<p>Public liability insurance to be effected by the contractor</p> <p><input checked="" type="checkbox"/> For the sum of R 5 million With a deductible not exceeding 5% of each and every claim</p> <p>Or</p> <p><input type="checkbox"/> For the sum of R insert amount (insert amount in words) With a deductible not exceeding 5% of each and every claim</p>
42.3.4 [11.2 #, 12.1 #]	<p>Support insurance to be effected by the contractor</p> <p>For the sum of R insert amount (insert amount in words)</p> <p>With a deductible of R insert amount (insert amount in words)</p>

42.4	DOCUMENTS
42.4.2 [3.7]	Three (3) copies of the construction documents will be supplied to the contractor free of charge
42.4.3	<p>Bills of quantities / Lump sum document schedule of rates drawn up in accordance with:</p> <p><input checked="" type="checkbox"/> Standard System of Measuring Building Work (sixth edition as amended)</p> <p>Or</p> <p><input type="checkbox"/> Standard System of Measuring Building Work for Small or Simple Buildings 1999</p> <p>Or</p> <p><input type="checkbox"/> Other) <i>Specific Project Specification forming part of this document. It will take preference over any contradictory items in the standard SABS/SANS 1200.</i></p>

<p>42.4.5 [3.4]</p>	<p>JBCC Engineering General Conditions are to be included in the contract documents: No</p>
<p>42.4.6 [31.5.3] [32.13]</p>	<p>The contract value is to be adjusted using CPAP indices: [N/A]</p> <p>Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto:</p> <ol style="list-style-type: none"> 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index for Work Group 160 Electrical Installation. In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be in accordance with Work Group 170 3) With reference to Work Group 190 a proportion of the value related preliminaries pro rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions, if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by tenderers, will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual the factor of 0,55 shall be substituted by 1,45 <p>Alternative Indices: Not Applicable</p>
<p>42.4.7 [3.10]</p>	<p>Details of changes made to the provisions of JBCC standard documentation</p> <p>Clause</p> <p>1.1 COMMENCEMENT DATE – means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect</p> <p>CONSTRUCTION GUARANTEE – means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer’s construction guarantee form as selected in the schedule</p> <p>CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of practical completion</p> <p>CORRUPT PRACTICE – means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution</p> <p>FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition</p> <p>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)</p> <p>PRINCIPAL AGENT – means the person or entity appointed by the employer and named in the schedule. 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 a representative of the employer as named in the schedule</p> <p>SECURITY – means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss</p>

	<p>1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been duly given when:</p> <p>1.6.4 No clause</p> <p>3.2.1 A construction guarantee in terms of 14.0, where so elected in his tender</p> <p>3.7 Add at the end thereof:</p> <p>The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times.</p> <p>3.10 Replace the second reference to "principal agent" with the word "employer"</p> <p>4.3 No clause</p> <p>5.1.2 under clause 41- Include reference to 32.6.3; 34.3; 34.4 and 38.5.8 in terms of which the employer has retained its authority and has not given a mandate to the principal agent and in terms of which the employer shall sign all documents</p> <p>10.5 Add the following as 10.5</p> <p>Damage to the works</p> <p>(1) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p> <p>(2) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works</p> <p>(3) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6</p> <p>(4) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p>10.6 Add the following as 10.6</p> <p>Injury to Persons or loss of or damage to Properties</p> <p>(a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p> <p>(b) The contractor shall be liable for and hereby indemnifies the employer against any 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, arising out of or in the course of or by reason of the execution of the works</p>
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unless due to any act or negligence of any person for whose actions the **employer** is legally liable

- (c) The **contractor** shall upon receiving a **contract instruction** from the **principal agent** cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (5) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor**, shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- (6) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

10.7 Add the following as 10.7

HIGH 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 subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

The **contractor** shall, from the **commencement date** of the **works** 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

10.7.2 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

10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's**

obligations in terms of the contract, the **contractor** shall, within twenty one (21) **calendar days** of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.7.4 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 10.7.1; 10.7.2 and 10.7.3. 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

14.0 Replace the entire clause 14.0 with the following:

14.0 SECURITY

14.1 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)

14.1.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)

14.1.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the payment reduction **security** or portions thereof to the **contractor**

14.2 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 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the **schedule**. Such **security** shall be provided to the **employer** within twenty-one (21) **calendar 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 twenty-one (21) **calendar days** from **commencement date**, the **security** in terms of 14.7 shall be deemed to have been selected.

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

14.3.1 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 twenty-one (21) **calendar days** from **commencement date**

14.3.2 Within twenty-one (21) **calendar 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**

14.3.3 Within twenty-one (21) **calendar 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**

14.3.4 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**

14.3.5 The **employer** shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 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**

- 14.3.6 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
- 14.4 Where **security** as a variable **construction guarantee** of ten percent (10%) of the **contract sum** (excluding VAT) has been selected:
- 14.4.1 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 twenty-one (21) **calendar days** from **commencement date**
- 14.4.2 The variable **construction guarantee** shall reduce and expire in terms of the Variable **Construction Guarantee** form included in the invitation to tender
- 14.4.3 The **employer** shall return the variable **construction guarantee** to the **contractor** within fourteen (14) **calendar days** of it expiring
- 14.4.4 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** shall issue a written demand in terms of the variable **construction guarantee**
- 14.5 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:
- 14.5.1 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)
- 14.5.2 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**
- 14.5.3 The **employer** shall return the fixed **construction guarantee** to the **contractor** within fourteen (14) **calendar days** of it expiring
- 14.5.4 The payment reduction of the value certified in a **payment certificate** shall be in terms of 31.8(A) and 34.8
- 14.5.5 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, 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 may do both
- 14.6 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:
- 14.6.1 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 twenty-one (21) **calendar days** from **commencement date**
- 14.6.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall refund the cash deposit in total to the **contractor**
- 14.6.3 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(A)
- 14.6.4 Where the **employer** has a right of recovery against the **contractor** in terms of 33.0, the **employer** may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both
- 14.7 Where **security** as a payment reduction of ten per cent (10%) of the value certified in the **payment certificate** (excluding VAT) has been selected:
- 14.7.1 The payment reduction of the value certified in a **payment certificate** shall be *mutatis mutandi* in terms of 31.8(B)

- 14.7.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's** entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the **contractor**
- 14.8 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**
- 14.9 Should the **contractor** fail to furnish the **security** in terms of 14.2 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), whereafter 14.7 shall be applicable
- 15.1.1 No clause
- 15.1.2 The **security** selected in terms of 14.0
- 15.1.4 Add 15.1.4 as follows:
- An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993 as amended), within twenty-one (21) **calendar days of site handover date**
- 15.2.1 Under 41: Amend to read as follows:
- "Give the **contractor** possession of the **site** within ten (10) **working days** of the **commencement date**.
- 17.1.11 Delete the words "and the appointment of **nominated** and **selected subcontractors**"
- 20.1.3 No clause
- 21.0 No clause
- 26.1.2 Add # next to 26.1.2
- 29.2.5 No clause
- 31.5.2 Security adjustments in terms of 14.0 or 31.8
- 31.8 Amend as follows:
- 31.8(A) Where a **security** is selected in terms of 14.1; 14.5 or 14.6, the value of the **works** in terms of 31.4.1 and of the **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:
- 31.8(A).1 Ninety-five per cent (95%) of such value in interim **payment certificates** issued up to the date of **practical completion**
- 31.8(A).2 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**
- 31.8(A).3 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 34.6
- 31.8(A).4 One hundred per cent (100%) of such value in the final **payment certificate** in terms of 34.6 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>31.8(B) Where security is a payment reduction in term of 14.7 has been selected the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 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>31.8(B).3 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 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except were the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>31.12 Delete the following: "Payment shall be subject to the employer giving the contractor a tax invoice for the amount due."</p> <p>32.5.1 Add the following to the end of each of these clauses: "...due to no fault of the 32.5.4 contractor" and 32.5.7</p> <p>34.1 Remove #</p> <p>34.2 Add # next to 34.2</p> <p>34.8 The principal agent shall certify one hundred per cent (100%) of the amount of the final account in the final payment certificate</p> <p>34.13 Replace "seven (7) calendar days" with "twenty one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due"</p> <p>36.1 Add the following clauses 36.1.3 to 36.1.5. under 36.1 to read as follows:</p> <p>36.1.3 refuses or neglects to comply strictly with any of the conditions of contract</p> <p>36.1.4 estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>36.1.5 in the judgment of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p>36.3 Remove reference to "No clause", and replace "principal agent" with "employer"</p> <p>36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of this 37.5 agreement either by the employer or the contractor; or for any reason whatsoever, and the contractor shall on written instruction, discontinue with the works on a date stated 38.7 and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever"</p> <p>37.3.5 Replace "ninety (90)" with "one hundred and twenty (120) And 38.5.4</p>
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	<p>39.3.5 Add the following words at the end thereof: “within one hundred and twenty (120) working days of completion of such a report”</p> <p>40.2.2 under clause 41 – Replace “one (1) year” with “three (3) years”</p> <p>40.6 under clause 41 – Remove reference to no clause</p> <p>40.7.1 Change “(10)” to “(15)”</p> <p>Add the following to the end thereof:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.</p>
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42.0	Part 2: Contract Data provided by the Contractor:
42.5	CONTRACT DETAILS
42.5.1	<p>Contractor:</p> <p>Postal address:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Tel: _____ Fax: _____</p> <p>TAX / VAT Registration No: _____</p> <p>Physical address:</p> <p>_____</p> <p>_____</p> <p>_____</p>

<p>42.6</p> <p>42.6.1</p>	<p>DOCUMENTS</p> <p>Contract documents marked and annexed hereto:</p> <p>Priced bills of quantities: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Lump sum document: : Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Guarantees: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Contract drawings: Yes <input type="checkbox"/> No <input type="checkbox"/> Document marked as: _____</p> <p>Other documents: Yes <input type="checkbox"/> No <input type="checkbox"/> (<i>Attach additional pages if more space is required</i>)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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Fixed Construction Guarantee – JBCC

FIXED CONSTRUCTION GUARANTEE
JBCC 2000 PRINCIPAL BUILDING AGREEMENT

(Edition 4.1 of March 2005)

HEAD OF DEPARTMENT
DEPARTMENT OF ROADS AND PUBLIC WORKS
GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA

TO: CFO - Mr B Slingers
Tebogo Leon Tume Complex
9 - 11 Stokroos Street
Square Hill Park
KIMBERLEY, 8301

Sir,

**FIXED CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT
IN TERMS OF JBCC 2000 (4.1 EDITION MARCH 2005)**

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 ROADS & PUBLIC WORKS (hereinafter referred to as the "**employer**"), Contract/Tender No:DRPW 020/2021 for the CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL

(hereinafter referred to as the "contract") in the amount of R *insert amount, (insert amount in words)*, (hereinafter referred to as the **contract sum**),

I / We, _____
in my/our capacity as _____ and hereby
representing _____ (hereinafter referred to as the "**guarantor**")
advise that the **guarantor** holds at the **employer's** disposal the sum of R *insert amount, (insert amount in words)* being 10% of the **contract sum** (excluding VAT), for the due fulfilment of the contract.
2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis*; and all other exceptions 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, during the period when the claim is received by the **guarantor**, on receipt of a written demand from the **employer** to do so, and which demand the **employer** may make if 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**.
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. This undertaking 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**; and
 - (c) 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 _____ 201__

AS WITNESS

- 1. _____
- 2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

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

Variable Construction Guarantee – JBCC

VARIABLE CONSTRUCTION GUARANTEE
JBCC 2000 PRINCIPAL BUILDING AGREEMENT

(Edition 4.1 of March 2005)

HEAD OF DEPARTMENT
DEPARTMENT OF ROADS AND PUBLIC WORKS
GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA

TO: CFO – Mr B Slingers
Tebogo Leon Tume Complex
9 - 11 Stokroos Street
Square Hill Park
KIMBERLEY, 8301

Sir,

VARIABLE CONSTRUCTION GUARANTEE FOR THE EXECUTION OF A CONTRACT IN TERMS OF JBCC 2000
(4.1 EDITION MARCH 2005)

5. 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 ROADS & PUBLIC WORKS, (hereinafter referred to as the “**employer**”),
Contract/Tender No: DRPW 020/2021 for the CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL

(hereinafter referred to as the “contract”) in the amount of R **insert amount, (insert amount in words)** (hereinafter referred as the **contract sum**),

I / We, _____

in my/our capacity as _____ and hereby

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

6. I / We advise that the **guarantor’s** liability in terms of this guarantee shall be reduced 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) From and including the day after the date of the last **certificate of practical completion** and up to and including the date of the last **final completion** certificate, the **guarantor’s** liability will be reduced to 3% of the value of the works (excluding VAT);

(c) From and including the day after the date of the last **final completion** certificate and up to and including the date of settlement of the amount in the last final **payment certificate**, the **guarantor’s** liability will be reduced to 1% of the value of the works (excluding VAT);

(d) This guarantee shall expire on the date of payment of the amount in the last final payment certificate.

7. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia; non causa debiti; excussionis et divisionis*; and all other exceptions 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, during the period when the claim is received by the **guarantor**, on receipt of a written demand from the **employer** to do so, and which demand the **employer** may make if the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.

(c) 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.

(d) 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**.

(e) 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.

(f) This undertaking 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; and

© 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 _____ 201__

AS WITNESS

3. _____

4. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

D. No alterations and/or additions of the wording of this form will be accepted.

- E. 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.**
- F. This GUARANTEE must be returned to: _____**
- _____

PART C3: SCOPE OF WORKS

Scope of Works – JBCC

SCOPE OF WORKS
JBCC 2000 PRINCIPAL BUILDING AGREEMENT
(Edition 4.1 of March 2005)

PROJECT	CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL
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C3. Scope of Works

EXTENT OF THE WORKS

In general, the works consist of construction of a new double early childhood development classroom with a separate nutrition centre with associated site works.

The following structures are to be erected:

1. A double Early Childhood Development Structure
2. A Nutrition Centre

ORDER OF THE WORKS

As per contractor's preliminary programme and as agreed by Project Leader and not to exceed the contract period

ACCESS

The site is at Gaoshupe Primary School
Pampierstad
Phokwane Municipal Area

Access to the premises will be pointed out by the representative of the department on site.

Health and Safety Specification

STANDARD HEALTH AND SAFETY SPECIFICATION

Standard Bills

These specifications shall be used in conjunction with all other applicable Health and Safety specifications, Legislation as in Occupational Health and Safety Act no. 85 of 1993 as amended by Act no.181 of 1993, the Construction Regulations as promulgated in 2014 and incorporated into the OHS Act by Government Notice No. R1010 published in Government Gazette 25207, General Safety Regulations as promulgated on 18 July 2006 and incorporated into the OHS Act by Government Notice No. 1010 published in Government Gazette 25207 and all other relevant regulations incorporated into the OHS Act as well as ISO 9 000, all Environmental legislation such as:

- o Environment Conservation Act No. 73 of 1989
- o National Water Act No. 36 of 1998
- o Hazardous Substances Act No. 15 of 1973
- o Atmospheric Pollution Prevention Act No.45 of 1965
- o Physical Planning Act 88 of 1967

GENERAL

- Client

The Client, Department of Roads and Public Works, shall execute his duties as per Regulation 4 of the Construction Regulations of 2003 that states *inter alia*, the following:

1. A client shall be responsible for the following in order to ensure compliance with the provisions of the Act-
 - (a) Prepare health and safety specifications for the construction work, and provide any Contractor who is making a bid or appointed to perform work for the client with the same;
 - (b) Appoint each Contractor in writing for the project or part thereof on a construction site;
 - (c) Take reasonable steps to ensure that each Contractor's health and safety plan is implemented and maintained on the construction site. Provided that the steps taken, shall include periodic audits at intervals, mutually agreed upon between the client and the Contractor, but at least once every month;
 - (d) Stop any Contractor from executing construction work, which is not in accordance with, the Contractor's health and safety plan;
 - (e) Ensure that where changes are brought about to the design or construction, sufficient health and safety information and appropriate resources are made available to the principal contractor to execute the work safely;
 - (f) Ensure that every Contractor is registered and in good standing with the Compensation fund or with a licensed compensation insurer prior to commencing on site.
 - (g) Ensure that potential principal contractors submitting tenders, have made provision for the cost of health and safety measures during construction process.

Therefore, the following specifications from the Client to the Contractor:

- Each and every Contractor shall make the following appointments and provide the necessary training accordingly:

- (a) Construction Works Supervisor
- (b) Health and Safety Representatives
- (c) Health and Safety Committee
- (d) Machinery Supervisor
- (e) Excavation Inspector
- (f) And all the necessary appointments as per the OHS Act and the relevant Regulations

All appointments should be completed before work commencement, signed, dated and completed in full, be fully explained to the nominated individual and should be at all times displayed on Site Notice Board that will have to be at least 600mm by 800mm.

- The Site Notice Board should also *inter alia*, have the following information on it:
 - a. Site regulations concerning safe working procedures
 - b. Information on the nearest first-aid station
 - c. Ambulance
 - d. Doctor
 - e. CSO's number and
 - f. Other relevant persons
- Each and every Contractor shall give notification of Construction work to the Office of the Department of Labour **PRIOR** to commencement of work.
- Each Contractor shall provide the Client with a Pre Site establishment checklist
- Each Contractor shall to monthly safety audits on the project and provide the Client with a copy thereof
- Each Contractor shall provide to the Client a Health and Safety Representative inspection checklist and ensure that Health and Safety representatives do inspections at least on a monthly basis
- Each Contractor shall provide and demonstrate to the Client a Health and Safety management policy
- As per the General Safety Regulations Regulation 4 as contemplated in the Basic Conditions of Employment Act, No. 3 of 1983, have the relevant amount of trained First-Aiders on site.
- In terms of Regulation 3 of the General Safety Regulations, provide a first-aid box or boxes on the premises of work
- In terms of Section 23 of the OHS Act, provide all workers at all times, with the necessary PPE.
- In terms of the Facilities Regulations provide the necessary facilities such as proper ablution, during space, lockers and any other item as per the Facilities Regulations that is necessary to carry out the work safely and without risk to the health of the workers.
- Keep an incident record book on site at all times.

SAFE WORKING LOADS

The Contractor shall ensure that where applicable:

- safe working loads of hoists, load bearing beams and cranes are prominently displayed at all times.
- The safe working loads are not exceeded under any circumstances.
- All lifting gear is marked with a unique identity number and recorded in a register

ELECTRICAL EQUIPMENT AND PROCEDURES USED BY THE CONTRACTOR

All electrical equipment shall be regularly inspected by a qualified electrician, who shall be appointed by the Contractor. And the inspections shall be logged. The frequency of inspections shall be determined by the Client. A record of the inspections shall be kept and shall be made available to the Client on request

The Contractor shall ensure that all his electrical equipment conforms to operational and safety requirements.

All earth leakage units shall be tested at intervals of not more than one month and signed for by a qualified electrician.

COMMISSIONING SAFETY PRECUATIONS

The Contractor shall ensure that wherever repairs, adjustments of any other work are undertaken on any plant or machinery, the power supply is switched off, disconnected or the plant/machinery disengaged until the work or repairs have been completed.

A Certificate of Completion by a qualified master electrician will be issued after electrical work is completed.

TOXIC MATERIALS

The Contractor shall exercise all necessary care in the handling of toxic compounds and shall be able to identify the major chemical components in the event of medical treatment being required.

A designated route as well as a dumping site will be identified for the transportation and disposal of waste material by the service provider.

INDEMNITY OF THE CLIENT AND HIS AGENTS

Annexure A to this Specification contains a "Mandatory Form of Authority and Agreement in terms of Section 37(2) of the Occupational Health and Safety Act No 85/93, as amended, which agreement shall be entered into and duly signed by both the Client and the Contractor prior to commencement of work. A copy of the signed agreement shall be included in the Contractor's Health and Safety Plan.

Any acceptance, approval, check, certificate, consent, examination, inspection, instruction, notice observation, proposal, request, test or similar act by either the Client or any of his Agents, including lack of disapproval, shall not relieve the Contractor from any responsibility he has under the Act and the relevant regulations (Construction Regulation), including responsibility for errors, omissions, discrepancies and non-compliance.

SPECIFIC REQUIREMENTS

Design

No significant hazards can be identified which have not been considered in the detailed design. However, hazard must be anticipated that are due to and arising from shoddy and careless workmanship and unconventional construction methods used by semi-qualified and unqualified craftsmen during skills transfer.

Work sequences are a logical progression of the construction of a building under consideration of the tender documentation, National Building Regulations, Regulations, the Standard Occupational Health and Safety Specifications, other specifications and manufacturers' instructions.

Security

The Contractor's material site must be properly secured.

Existing environment

The surrounding roads and properties will be pointed out to the Contractor at site handover.

If the flow of traffic is in no way going to be hampered by the contractor's work, the necessary traffic authorities must be immediately informed.

Existing services

All known services will be pointed out at site handover.

Contractors must recognize that all services on the site must be expected to be "live" and potentially critical to the safe functioning of the works. Precautions for any work on or near them should be identified, planned, approved and taken accordingly.

In the event that previously unidentified services are discovered, Contractors shall immediately refer detail of location, suspected condition and status to the Client and await instruction. On no account must any services be interfered with without specific instruction and authority.

Ground conditions

As per the geotechnical assessment.

Related restrictions affecting health and safety

Being in a residential area, normal daytime working hours are to be adhered to in order to minimize disturbance to surrounding residences.

No unauthorized blasting in a residential area will be done without authorization from the client.

Control of pollution

All rubble, refuse, etc. is to be disposed of in accordance with the municipal by-laws.

Needed to mention, the above mentioned health and safety specifications should be used in accordance with the standard specifications as can be found in the existing tender document of the Client.

The Client can and will, if necessary and in the interest of health and safety, amends the above mentioned specifications.

An identified and agreed dumping site will be used in case of hazardous material. A disposal certificate will be issued by the contractor after disposal.

- **Principal Contractor and Contractor**

In terms of Regulation 5 of the Construction Regulations, after receiving the health and safety specifications from the Client, the Principal Contractor shall provide and demonstrate to the Client a Health and Safety Plan. This Health and Safety Plan shall indicate that the (Contractor) shall perform, but is not limited to, the following duties:

GENERAL REQUIREMENTS

- Administration
- Appointments
- Safety committees
- Registers, Checklists and permits
- Incident management
- Emergency planning
- Contractors
- Risk assessment
- Audits
- Hazardous substance control
- Training
- Additional requirements
- Planning

Annexure:

The following annexures should be attached to the Health and Safety Plan and the format should be agreed upon between the Client and the Contractor:

- Pro forma for Construction Works Supervisor appointment
- Pro forma for Health and Safety Representative Appointment and his IOSH membership
- Pro forma for Machinery Supervisor appointment
- Pro forma for Excavation Inspector appointment
- Pro forma for Notification of Construction Work
- Pro forma – Pre Site Inspection Checklist
- Monthly Safety Audit Checklist
- Health and Safety Representative Inspection checklist
- Health and Safety Management Policy

CONCLUSION

The objectives of this document is to outline all necessary procedures required to implement and maintain a comprehensive Occupational Health and Safety System for Construction Projects in line with specifications prescribed by the Department of Roads and Public Works.

It is general business imperative of the Department of Roads and Public Works to understand and embrace safe working procedures. Violations of simple safety procedures can lead to injury and even loss of life. Every accident, no matter how minor, can be translated into costs against the Project. These costs are both direct (damage to property, medical expenses, etc.) and indirect (investigation proceedings, disruption of work, delay in program, plant replacements, etc).

In order for an easier understanding of legislative requirements in particular with regard to the Construction Regulations this proposed planning document has been compiled in a very simplistic manner. It will therefore not focus on each and every scenario that may arise and does not intend to convey all requirements of statutes other than the following:

1. Occupational Health and Safety Act No. 85/93 as amended by Act No. 181/93
2. Incorporated Regulations of the Act – Construction Regulations of 2003
3. Relevant SABS codes of the Practice as per Section 40 of the OHS Act.
4. Compensation for Occupational Injury and Diseases Act no. 130 of 1993 as amended.

STANDARD ABBREVIATIONS

OCCUPATIONAL HEALTH AND SAFETY

ITEM	TERM	ABBREVIATION
1	Health and Safety	H&S
2	Occupational Health and Safety	OHS
3	Safety Health and environment Representative	SHE REP
4	Hazard Identification and Risk Assessment	HIRA
5	Personal Protective Equipment	PPE
6	General Administrative Regulations	GAR
7	Facilities Regulations	FR
8	General Safety Regulations	GSR
9	Environmental Regulations	ER
10	Electrical Installation Regulations	EIR
11	Asbestos Regulations	AR
12	Driven Machinery Regulations	DMR
13	General Machinery Regulations	GMR
14	Electrical Machinery Regulations	EMR
15	Diving Regulations	DR
16	Lead Regulations	LR
17	Vessels under Pressure Regulations	VPR
18	Regulations for Hazardous Chemicals Substances	HAZCHEM Reg.
19	Major Hazard Installation Regulations	MHIR
20	Construction Regulations	CR
21	Mines Health and Safety Act	MHS ACT
22	Compensation for Occupational Injuries and Diseases Act	COIDA
23	South African Bureau of Standards	SABS
24	Construction Safety Officer	CSO
25	Medical Safety Data Sheet	MSDS
26	Tunneling Regulations	TR
27	Traffic Calming Devices	TCD
28	Environmental Impact Assessment	EIA
29	Hazardous Chemical Substances	HCS
30	Dangerous Goods	DG
31	Dry Chemical Powders	DCP

HEALTH AND SAFETY SPECIFICATION

BREAKDOWN OF MINIMUM EXPECTED COST ITEMS

CARRY TOTAL TO SECTION C, CLAUSE C11 OF PRELIMINARIES

NO	GENERAL REQUIREMENTS	STATUE	QUANTITY	RATE	AMOUNT
1	Contractor's Health and safety Plan	Regulation 5 of CR	1/site		
2	Contractor's full time construction Supervisor	Regulation 6(1) of CR	1/site		
3	Risk Assessment	Regulation 7(1)	1/site		
4	Fall protection plan	Regulation 8(1)	1/site		
5	Demolition work	Regulation 12 (1) of CR	1		
6	Scaffolding and suspended platforms supervisor (Full time)	Regulation 14(1) of CR	1		
7	Construction welfare facilities	Regulation 28(1)	1		
8	Health and safety induction	Section 13 of OHS ACR 85/93	1		
9	Trained health and safety representatives	Section 17 and 18 of OHS ACT 85/93	2 rep for every ten employees		
10	Trained health and safety committee(s)	Section 19 and 20 of OHS ACT	At least one (1) Committee		
11	Provision of PPE for workers free of charge at employer's expense	Section 23 of OHS Act 85/93	All workers on site		
12	Provision of trained first-aiders full time on site	Regulation 3(94) of GSR	2 trained first-aiders for up to every 10 employees		
13	Log books including health and safety file full time on site	Regulation 8(1) of GAR	1		
14	Notices on site	Regulation 11(1) of GAR	3		
15	Safety straps, safety harnesses, safety rails and safety devices	Section 8 of OHS ACT 85/93			
16	Full time health and safety officer on site		1		
17	Compliance to health and safety protocols related to the Covid-19 must clearly be incorporated into the Health and Safety Plan		1		
TOTAL CARRIED TO THE PRELIMINARIES CLAUSE C11 IN SECTION C OF THE PRELIMINARIES AND GENERAL					

PART C4: SITE INFORMATION

Site Information – JBCC

SITE INFORMATION
JBCC 2000 PRINCIPAL BUILDING AGREEMENT
(Edition 4.1 of March 2005)

Project title:	CONSTRUCTION OF DOUBLE ECD CLASSROOM AND NUTRITION CENTRE AT GAOSHUPE PRIMARY SCHOOL
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C4 Site Information

1. LOCATION AND ACCESS

Gaoshupe Primary School
Pampierstad
Phokwane Municipal Area

Please contact the project leader for confirmation of the site. The project leader for this project is:
Alison Miller, Cell: +27 82 260 1939, email: alycat.miller7@gmail.com or contact the implementing agent at 053
839 2100 for more information.

2. NATURE OF THE GROUND

Geotechnical tests were not carried out on site to determine the nature of the ground.

Tenderers / Bidders may however inspect the premises to make themselves thoroughly acquainted with the nature of the ground.

PART C2 : PRICING DATA

PRICING INSTRUCTIONS

JBCC 2000 PRINCIPAL BUILDING AGREEMENT

(Edition 4.1 of March 2005)

C2.1 Pricing Instructions

1. BILLS OF QUANTITIES

The pricing strategy adopted for this project is the **bills of quantities** which 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 Standard System of Measuring Building Work referred to in Clause 41.4.3 of Section 1: Preliminaries (Section A), has reference. Except where stated otherwise or where it is clear from the contents of the measured items, these bills of quantities have been compiled in accordance with the "Standard System of Measuring Building Work" 6th edition (as amended), issued by the Association of South African Quantity Surveyors. All measurements and payments will be done in accordance with the principles as laid down in the said Standard System of Measuring Building Work.

2. GENERAL PREAMBLES

For further amplification of descriptions of materials to be used and methods to be adopted, the contractor is referred to the Specification of Materials and Methods to be used (PW371) as published by the Department of Public Works (fourth revision, October 1993), the relevant descriptions which shall be deemed to be read and priced in conjunction with the descriptions in the **bills of quantities**. No claims arising from brevity of description of items fully described in the said specification will be entertained.

The document Specification of Materials and Methods to be used (PW371) is obtainable on request from the head office and all regional offices of the Department.

3. ORDERING OF MATERIALS

The Contractor shall place orders timeously for materials or specified articles that are required. Should the **bills of quantities** be used for ordering materials, this shall be entirely at the contractor's risk.

4. IMPORTED MATERIALS AND EQUIPMENT

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

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

5. VALUE ADDED TAX

The tender price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the **bills of quantities** must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.

6. PRIME COST AMOUNTS

Prime cost amounts are a net allowance, excluding VAT, for materials only, and the tenderer should allow for the necessary labour, wastage, profit, etc in pricing these items.

7. EXISTING SERVICES

During construction in the various areas, it is anticipated that unknown live services will be exposed and temporary deviations will need to be constructed. The Contractor will be deemed to have made due allowance in his programming and pricing of the Bills of Quantities for possible delays due to the existence of unknown live services and no extension of time claims will be entertained in this regard.

8. SECURITY

The Contractor is to provide for his own site security and is to co-ordinate overall site security with any Nominated Sub-Contractors.

9. ACTS OF PARLIAMENT, ORDINANCES, REGULATIONS AND BY-LAWS AND OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993 – SECTION 37 [2])

Reference made to, or requirements called for in terms of the provisions of any Act of Parliament, Ordinance and the Regulations or By-Laws of any local or other statutory authority shall not in any way limit the Tenderer / Contractor's liability or obligations to familiarise himself with and comply with the provisions of all Acts of Parliament, Ordinances and the Regulations or By-Laws of any local or other statutory authority which may be applicable.

The Tenderer's attention is drawn to the fact that the Occupational Health and Safety Act (Act 85 of 1993 – Section 37[2]) is in force. Copies of the Act as well as the Construction Regulations 2003, issued in terms of the Act, are available from the Government Printing Works, 149 Bosman Street, Pretoria (Private Bag X85, Pretoria, 0001. Tel. 012 – 334 4500)

The Contractor is to provide the appropriate number of Safety Officers required for the execution of the full project and for the duration of the entire contract.

These Bills of Quantities contain items relating to the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act 85 of 1993). Tenderers must price separately all the relevant items under clause C11 of the Preliminaries to enable the Department to ensure that tenderers have made provision for the cost of all health and safety measures during the construction process.

10. CONTRACT PRICE ADJUSTMENT PROVISIONS (ESCALATION)

This Contract will be / ~~will not~~ be subject to escalation in terms of the JBCC Contract Price Adjustment Provisions.

11. LOCAL LABOUR

The Tenderer's attention is specifically drawn to Clause 13, Section 1: Preliminaries (Section C) of these Bills of Quantities.

It is strongly recommended that the successful Contractor appoint a community facilitator in order to facilitate the requirements of Clause 13 of the Preliminaries (Section C).

It must be clearly understood that should a community facilitator be appointed; he will remain the full responsibility of the Contractor and no claims will be entertained in this respect.

12. EXPENSES IN PREPARATION OF TENDERS

The Employer will not be responsible for, or pay for, any expenses or losses incurred by the Tenderer during the preparation of his tender.

C2.2- Bills of Quantities

PROVISIONAL BILLS OF QUANTITIES
FOR
CONSTRUCTION OF DOUBLE ECD AND NUTRITION CENTRE
FOR
Department of Public Works

ARCHITECTS

Department of Roads and Public Works

Tel.
Fax:
e Mail:

Principal Agent

Department of Roads and Public Works

Tel.
Fax:
e Mail:

QUANTITY SURVEYORS

Department of Roads and Public Works

Quantity Surveyor's
9-11 Stockroos Street
Squarehill Park
Floors
8301

Tel. [053]-839-2100
Fax: [053]-839-2100
e Mail: dmaqutyana@gmail.com

SECTION NO. 1

PRELIMINARIES AND GENERAL

Amount

SECTION NO. 1

PRELIMINARIES AND GENERAL

MEANING OF TERMS 'TENDER / TENDERER'

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

PRELIMINARIES

The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein.

The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause.

These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable".

PRICING OF PRELIMINARIES

Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item

Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT

A1.0 DEFINITIONS AND INTERPRETATION

1 Clause 1.0

Clause 1.1 Definition of "Commencement Date" is added:

"COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect

Clause 1.1 Definition of "Construction Guarantee" is amended by replacing it with the following:

"CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule

Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following:

"CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion

Clause 1.1 Definition of "Corrupt Practice" is added:

Carried To Section Summary

R

Section No. 1
Bill No. 1
Preliminaries

Amount

"CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

Clause 1.1 Definition of "Fraudulent Practice" is added:

"FRAUDULENT PRACTICE" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.

Clause 1.1 Definition of "Interest" is amended by replacing it with the following:

"INTEREST" means 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)

Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following:

"PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. 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 a representative of the employer as named in the schedule

Clause 1.1 Definition of "Security" is amended by replacing it with the following:

"SECURITY" means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss

Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"

Clause 1.6.4 is amended by replacing it with the following:

No clause

Un/A 1

OBJECTIVE AND PREPARATION

A2.0 OFFER, ACCEPTANCE AND PERFORMANCE

2 Clause 2.0

Un/A 1

A3.0 DOCUMENTS

3 Clause 3.0

Clause 3.2.1 is amended by replacing "14.1" with "14.0"

Clause 3.7 is amended by the addition of the following:

Item

Item

Carried To Section Summary

R

Section No. 1

Bill No. 1

Preliminaries

		Amount
	<p>The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times.</p> <p>Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer"</p> <p>Un/A 1</p> <p><u>A4.0 DESIGN RESPONSIBILITY</u></p>	Item
4	<p>Clause 4.0</p> <p>Clause 4.3 is amended by replacing it with the following: No clause.</p> <p>Un/A 1</p> <p><u>A5.0 EMPLOYER'S AGENTS</u></p>	Item
5	<p>Clause 5.0 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8</p> <p>Un/A 1</p> <p><u>A6.0 SITE REPRESENTATIVE</u></p>	Item
6	<p>Clause 6.0</p> <p>Un/A 1</p> <p><u>A7.0 COMPLIANCE WITH REGULATIONS</u></p>	Item
7	<p>Clause 7.0</p> <p>Note:</p> <p>A separate clause has been included in Section C:</p> <p>Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification.</p> <p>Un/A 1</p> <p><u>A8.0 WORKS RISK</u></p>	Item
8	<p>Clause 8.0</p> <p>Un/A 1</p> <p><u>A9.0 INDEMNITIES</u></p>	Item
9	<p>Clause 9</p> <p>Un/A 1</p> <p><u>A10.0 WORKS INSURANCES</u></p>	Item
10	<p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p>	
	Carried To Section Summary	R
	Section No. 1	
	Bill No. 1	
	Preliminaries	

		Amount
<p>(a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p>		
<p>(b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works</p>		
<p>(c) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6</p>		
<p>(d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p>		
<p>10.6 Injury to Persons or loss of or damage to Properties</p>		
<p>(a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p>		
<p>(b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable 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, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p>		
<p>(c) The contractor shall, upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor</p>		
<p>(d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion</p>		
<p>(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed</p>		
	Carried To Section Summary	R
Section No. 1		
Bill No. 1		
Preliminaries		

		Amount
<p>(f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works</p>		
<p>10.7 High risk insurance</p>		
<p>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 subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:</p>		
<p>10.7.1 Damage to the works</p>		
<p>The contractor shall, from the commencement date of the works 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.</p>		
<p>The contractor 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 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</p>		
<p>10.7.2 Injury to persons or loss of or damage to property</p>		
<p>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</p>		
<p>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 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</p>		
<p>10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so</p>		
<p>Section No. 1</p>	Carried To Section Summary	R
<p>Bill No. 1</p>		
<p>Preliminaries</p>		

		Amount
	<p>10.7.4 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 10.7.1; 10.7.2 and 10.7.3. 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> <p>Un/A 1</p> <p><u>A11.0 LIABILITY INSURANCES</u></p>	Item
11	<p>Clause 11.0</p> <p>Un/A 1</p> <p><u>A12.0 EFFECTING INSURANCES</u></p>	Item
12	<p>Clause 12.0</p> <p>Un/A 1</p> <p><u>A13.0 No clause</u></p> <p><u>A14.0 SECURITY</u></p>	Item
13	<p>Clause 14.0</p> <p>Causes 14.1 - 14.8 are amended by replacing them with the following:</p> <p>14.1 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>14.1.1 The payment reduction of the value certified in the payment certificate shall be mutatis mutandi in terms of 31.8(A)</p> <p>14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor</p> <p>14.2 In respect of contractors with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6 or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from the 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 twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected</p> <p>14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum. (excluding VAT) has been selected:</p> <p>14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date.</p>	
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<p>14.3.2 Within twenty-one (21) calendar days of the date of practical completion of 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>14.3.3 Within twenty-one (21) calendar 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>14.3.4 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>14.3.5 The employer shall be entitled to recover the expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 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>14.3.6 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</p>	
<p>14.4 Where security as variable construction guarantee of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p>	
<p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement day</p>	
<p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender</p>	
<p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p>	
<p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p>	
<p>14.5 Where security as fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p>	
<p>14.5.1 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)</p>	
<p>14.5.2 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</p>	
<p>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p>	
<p>14.5.4 The payment reduction of the value certified in the payment certificate shall be in terms of 31.8 (A) and 34.8</p>	
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14.5.5 Where the employer has the right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the construction guarantee or may recover from the payment reduction or may be both

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

14.6.1 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 twenty-one (21) calendar days from commencement date

14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor

14.6.3 The payment reduction of value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)

14.6.4 Where the employer has the right of recovery against the contractor in terms of 33.0 the employer may issue a written demand in terms of 33.4 or may recover from the payment reduction or may be both

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

14.7.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(B)

14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provision of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor

14.8 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

14.9 Should the contractor fail to furnish the security in terms of 14.2, 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) whereafter 14.7 shall be applicable

Item

Un/A 1

EXECUTION

A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS

14 Clause 15.0

Clause 15.1.1 is amended by replacing it with:

No clause

Clause 15.1.2 is amended by replacing it with:

The security selected in terms of 14.0

Clause 15.1 is amended by the addition of the following clause:

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	<p>15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date</p> <p>Clause 15.2.1 is amended by replacing it with the following clause: Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4</p> <p>Un/A 1</p> <p><u>A16.0 ACCESS TO THE WORKS</u></p>	Item
15	<p>Clause 16.0</p> <p>Un/A 1</p> <p><u>A17.0 CONTRACT INSTRUCTIONS</u></p>	Item
16	<p>Clause 17.0</p> <p>Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors"</p> <p>Un/A 1</p> <p><u>A18.0 SETTING OUT OF THE WORKS</u></p>	Item
17	<p>Clause 18.0</p> <p>Un/A 1</p> <p><u>A19.0 ASSIGNMENT</u></p>	Item
18	<p>Clause 19.0</p> <p>Un/A 1</p> <p><u>A20.0 NOMINATED SUBCONTRACTORS</u></p>	Item
19	<p>Clause 20.0</p> <p>Clause 20.1.3 is amended by replacing it with the following: No clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums</p> <p>Un/A 1</p> <p><u>A21.0 SELECTED SUBCONTRACTORS</u></p>	Item
20	<p>Clause 21.0 Clause 21 is amended by replacing it with: No clause</p> <p>Un/A 1</p> <p><u>A22.0 EMPLOYER'S DIRECT CONTRACTORS</u></p>	Item
21	<p>Clause 22.0</p> <p>Un/A 1</p> <p><u>A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS</u></p>	Item
22	<p>Clause 23.0</p> <p>Un/A 1</p>	Item
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<u>COMPLETION</u>		
<u>A24.0 PRACTICAL COMPLETION</u>		
23	Clause 24.0 Un/A 1	Item
<u>A25.0 WORKS COMPLETION</u>		
24	Clause 25.0 Un/A 1	Item
<u>A26.0 FINAL COMPLETION</u>		
25	Clause 26.0 Clause 26.1.2 is amended by inserting "#" next to 26.1.2 Un/A 1	Item
<u>A27.0 LATENT DEFECTS LIABILITY PERIOD</u>		
26	Clause 27.0 Un/A 1	Item
<u>A28.0 SECTIONAL COMPLETION</u>		
27	Clause 28.0 Un/A 1	Item
<u>A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION</u>		
28	Clause 29.0 Clause 29.2.5 is amended by replacing it with: No clause Un/A 1	Item
<u>A30.0 PENALTY FOR NON-COMPLETION</u>		
29	Clause 30.0 Un/A 1	Item
<u>PAYMENT</u>		
<u>A31.0 INTERIM PAYMENT TO THE CONTRACTOR</u>		
30	Clause 31.0 Clause 31.5.2 is amended by replacing "14.7.1" with "14.0" Clause 31.8 is amended by replacing it with the following two alternative clauses: Alternative A 31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion	
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	<p>31.8(A).2 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>31.8(A).3 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 34.6</p> <p>31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer.</p> <p>In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Alternative B</p> <p>31.8(B) Where security as a payment reduction in terms of 14.7 has been selected, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full.</p> <p>The value certified shall be subject to the following percentage adjustments</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 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>31.8(B).3 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 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer.</p> <p>In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>Clause 31.12 is amended by deleting the following:</p> <p>Payment shall be subject to the employer giving the contractor a tax invoice for the amount due</p> <p>Un/A 1</p> <p><u>A32.0 ADJUSTMENT TO THE CONTRACT VALUE</u></p>	
31	<p>Clause 32.0</p> <p>Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:</p> <p>"due to no fault of the contractor"</p> <p>Un/A 1</p> <p><u>A33.0 RECOVERY OF EXPENSE AND LOSS</u></p>	Item
32	<p>Clause 33.0</p> <p>Un/A 1</p> <p><u>A34.0 FINAL ACCOUNT AND FINAL PAYMENT</u></p>	Item
33	<p>Clause 34.0</p>	
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	<p>Clause 34.1 is amended by removing "#" next to 34.1</p> <p>Clause 34.2 is amended by removing "#" next to 34.2</p> <p>Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1"</p> <p>Clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty-one (21) calendar days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due"</p> <p>Un/A 1</p> <p><u>A35.0 PAYMENT TO OTHER PARTIES</u></p>	Item
34	<p>Clause 35.0</p> <p>Un/A 1</p> <p><u>CANCELLATION</u></p> <p><u>A36.0 CANCELLATION BY EMPLOYER - CONTRACTOR'S DEFAULT</u></p>	Item
35	<p>Clause 36.0</p> <p>Clause 36.1 is amended by the addition of the following clauses:</p> <p>36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestered, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgment of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract</p> <p>Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer"</p> <p>Clause 36.0 is amended by the addition of the following clause:</p> <p>36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site.</p> <p>The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p>Un/A 1</p> <p><u>A37.0 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE</u></p> <p>Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"</p> <p>Clause 37.0 is amended by the addition of the following clause:</p> <p>37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site.</p>	Item
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	The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever	
36	Un/A 1 Clause 37.0	
	<u>A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT</u>	
37	Clause 38.0	
	Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"	
	Clause 38.0 is amended by the addition of the following clause:	
	38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site.	
	The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever	
	Un/A 1	
	<u>A39.0 CANCELLATION - CESSATION OF THE WORKS</u>	
38	Clause 39.0	
	Clause 39.3.5 is amended by the addition of the following at the end of the sentence: "within one hundred and twenty (120) working days of completion of such a report"	
	Un/A 1	
	<u>DISPUTE</u>	
	<u>A40.0 DISPUTE SETTLEMENT</u>	
39	Clause 40.0	
	Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"	
	Clause 40.6 is amended by removing the reference to:	
	No clause	
	Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:	
	Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs	
	Un/A 1	
	<u>SUBSTITUTE PROVISIONS</u>	
	<u>A41.0 STATE CLAUSES</u>	
40	Clause 41.0	
	Un/A 1	
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<u>CONTRACT VARIABLES</u>		
<u>A42.0 THE SCHEDULE (DPW-04EC)</u>		
41	Clause 42.0 Tenderers are referred to the Contract Data for variables pertaining to this contract Un/A 1	Item
<u>SECTION B: JBCC PRELIMINARIES</u>		
<u>B1.0 DEFINITIONS AND INTERPRETATION</u>		
42	B1.1 Definitions and interpretation See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section. Un/A 1	Item
<u>B2.0 DOCUMENTS</u>		
43	B2.1 Checking of documents Un/A 1	Item
44	B2.2 Provisional bills of quantities Un/A 1	Item
45	B2.3 Availability of construction documentation Un/A 1	Item
46	B2.4 Interests of agents Un/A 1	Item
47	B2.5 Priced documents Un/A 1	Item
48	B2.6 Tender submission Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance " Un/A 1	Item
<u>B3.0 THE SITE</u>		
49	B3.1 Defined works area Un/A 1	Item
50	B3.2 Geotechnical investigation Un/A 1	Item
51	B3.3 Inspection of the site Un/A 1	Item
52	B3.4 Existing premises occupied Un/A 1	Item
53	B3.5 Previous work - dimensional accuracy Un/A 1	Item
54	B3.6 Previous work - defects Un/A 1	Item
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55	B3.7 Services - known Un/A 1	Item
56	B3.8 Services - unknown Un/A 1	Item
57	B3.9 Protection of trees Un/A 1	Item
58	B3.10 Articles of value Un/A 1	Item
59	B3.11 Inspection of adjoining properties Un/A 1	Item
<u>B4.0 MANAGEMENT OF CONTRACT</u>		
60	B4.1 Management of works Un/A 1	Item
61	B4.2 Programme for the works Un/A 1	Item
62	B4.3 Progress meetings Un/A 1	Item
63	B4.4 Technical meetings Un/A 1	Item
64	B4.5 Labour and plant records Un/A 1	Item
<u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>		
65	B5.1 Samples of materials Un/A 1	Item
66	B5.2 Workmanship samples Un/A 1	Item
67	B5.3 Shop drawings Un/A 1	Item
68	B5.4 Compliance with manufacturers' instructions Un/A 1	Item
<u>TEMPORARY WORKS AND PLANT</u>		
69	B6.1 Deposits and fees Un/A 1	Item
70	B6.2 Encloser of the works Un/A 1	Item
71	B6.3 Advertising Un/A 1	Item
72	B6.4 Plant, equipment,sheds and offices Un/A 1	Item
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73	B6.5 Main notice board Un/A 1	Item
74	B6.6 Subcontractors' notice board Un/A 1	Item
<u>B7.0 TEMPORARY SERVICES</u>		
75	B7.1 Location Un/A 1	Item
76	B7.2 Water Un/A 1	Item
77	B7.3 Electricity Un/A 1	Item
78	B7.4 Telecommunication facilities Un/A 1	Item
79	B7.5 Ablution facilities Un/A 1	Item
<u>PRIME COST AMOUNTS</u>		
80	B8.1 Responsibility for prime cost amounts Un/A 1	Item
<u>B9.0 ATTENDANCE ON N/S SUBCONTRACTORS</u>		
81	B9.1 General Attendance Un/A 1	Item
82	B9.2 Special Attendance Un/A 1	Item
83	B9.3 Commissioning - fuel, water and electricity Un/A 1	Item
<u>B10.0 FINANCIAL ASPECTS</u>		
84	B10.1 Statutory taxes, duties and levies Un/A 1	Item
85	B10.3 Adjustment of preliminaries Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "when submitting his priced bills of quantities / lump sum document" Un/A 1	Item
86	B10.4 Payment certificate cash flow Un/A 1	Item
<u>B11.0 GENERAL</u>		
87	B11.1 Protection of the works Un/A 1	Item
88	B11.2 Protection/isolation of existing/sectionally occupied works Un/A 1	Item
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89	B11.3 Security of the works Un/A 1	Item
90	B11.4 Notice before covering work Un/A 1	Item
91	B11.5 Disturbance Un/A 1	Item
92	B11.6 Environmental disturbance Un/A 1	Item
93	B11.7 Works cleaning and clearing Un/A 1	Item
94	B11.8 Vermin Un/A 1	Item
95	B11.9 Overhand work Un/A 1	Item
96	B11.11 As built information Un/A 1	Item
97	B11.12 Tenant installations Un/A 1	Item
<u>B1.0 DEFINITIONS AND INTERPRETATION</u>		
<u>SCHEDULE OF VARIABLES</u>		
<u>Schedule of variables:</u>		
98	This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries. Spaces requiring information must be filled in, shown as "not applicable" or deleted and not left blank. 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 schedule. Key cross reference clauses are italicised in [] brackets Un/A 1	Item
<u>12.1 PRE-TENDER INFORMATION</u>		
12.1.1 Provisional bills of quantities		
[2.2] The quantities are provisional (Yes/No) = Yes		
12.1.2 Availability of construction documentation		
[2.3] Construction documentation is not complete (Yes/No) = Yes		
12.1.3 Interests of agents		
[2.4] Details: ----- -----		
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12.1.4 Defined works area		
[3.1] Details:		

12.1.5 Geotechnical investigation		
[3.2] Details = There is no investigation attached nor carried out on site		
12.1.6 Existing premises occupied		
[3.4] Specific requirements:		
12.1.7 Previous work - dimensional accuracy		
[3.5] Details:		
The contractor is responsible fo the accuracy and in the event that existing work done prior the site possession is in accurate, the contractor is to inform the principal agent immediately		
12.1.8 Previous work - defects		
[3.6] Details:		
12.1.9 Services - known		
[3.7] Details:		
12.1.10 Protection of trees		
[3.9] Specific requirements:		
The contractor is to preserve all trees on site and is to request instruction from the Principal Agent where trees are constricting the work areas or progress of work.		
12.1.11 Inspection of adjoining properties		
[3.11] Specific requirements:		
The contractor is to ensure that no harm comes to adjoining buildings or property during the progress of the works.		
12.1.12 Enclosure of the works		
[6.2] Specific requirements:		
The contractor is to enclose the works in the manner necessary to prevent members of the public, the client's workers or any other persons from being hurt due to coming into areas where construction activities are under way.		
12.1.13 Offices		
[6.4.3] Specific requirements:		
The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings.		
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The office shall be kept clean and fit for use at all times.		
Defined works area		
12.1.14 Main notice board		
[6.5] Specific requirements:		
The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering		
12.1.15 Subcontractors' notice board		
[6.6] A Notice Board is required (Yes/No) = No		
No Specific requirements: Not Applicable		
12.1.16 Water [7.2]		
Option A - by Contractor = Option A Applicable		
Option B - by employer (free of charge)		
Option C - by employer (metered)		
Option A - by Contractor = Option A Applicable		
Option B - by employer = (free of charge)		
Option C - by employer = (metered)		
12.1.17 Electricity [7.3]		
12.1.18 Telecommunications		
[7.4] Telephone (Yes/No) = Yes		
Facsimile (Yes/No) = No		
12.1.19 Ablution facilities		
[7.5] Option A (by contractor) (Yes/No) = Option A Applicable		
Option B (by employer) (Yes/No) = No		
12.1.20 Protection of existing/sectionally occupied works		
[11.2] Protection is required (Yes/No) = Yes		
12.1.21 Special attendance		
[9.2] Subcontractor (1) details = Not applicable		
12.1.22 Protection of the works		
[11.1] Specific requirements:		
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All precautions are to be taken to prevent damage or harm to the works. The client is to be indemnified against any and all eventualities. The existing buildings are to be insured against damage by the employer. However the contractor is to take all necessary precautions to prevent damage to existing buildings and property whilst he is in possession of the site.

12.1.23 Disturbance

[11.5] Specific requirements:

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

12.1.24 Environmental disturbance

[11.6] Specific requirements:

The contractor is to ensure that no environmental damage occurs on or over the site during the execution of the works and whilst he is in possession of the site. All precautions are to be taken to ensure that the water, soil, vegetation and air on and over the site are not contaminated whilst the contractor is in possession of the site.

12.2 POST-TENDER INFORMATION

12.2.1 Payment of preliminaries

[10.2] Option A (prorated) (Yes/No) = Yes

Option B (calculated) (Yes/No)

12.2.2 Adjustment of preliminaries

[10.3] Option A (three categories) (Yes/No) = Yes

Option B (detailed breakdown) (Yes/No)

12.2.3 Additional agreed preliminaries items

Details:

SECTION C: SPECIFIC PRELIMINARIES

Section C: Specific Preliminaries:

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

99 * The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent.

Un/A 1

Carried To Section Summary

Section No. 1
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Preliminaries

Amount

Item

R

		Amount
100	<p>The document "Specification of Materials and Methods to be used (PW371-A) and (PW371-B)" is obtainable on the Department's website http://www.publicworks.gov.za/PDFs/consultants_docs/2013/2/PW371-A%20General%20Specification%20edition%202.0_July_2013.pdf and http://www.publicworks.gov.za/PDFs/consultants_docs/2013/2/PW371-B%20Particular%20Specification%20edition%202.0%20July2013.docx under "Consultants Guidelines), and shall be read in conjunction with the bills of quantities / lump sum document and be referred to for the full descriptions of work to be done and materials to be used</p> <p>Un/A 1</p>	Item
101	<p>Wherever a trade name for any product has been described in the bills of quantities / lump sum document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders. If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>Un/A 1</p>	Item
102	<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) 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>Un/A 1</p>	Item
103	<p>The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes</p> <p>Un/A 1</p>	Item
104	<p>As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account</p> <p>Un/A 1</p>	Item
105	<p>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</p> <p>Un/A 1</p>	Item
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		Amount
	<u>C1 CONTRACT DRAWINGS</u>	
	<u>C2 GENERAL PREAMBLES</u>	
	<u>C3 TRADE NAMES</u>	
	<u>C4 IMPORTED MATERIALS AND EQUIPMENT</u>	
	<u>C5 VIEWING THE SITE IN SECURITY AREAS</u>	
	<u>C6 COMMENCEMENT OF WORKS IN SECURITY AREAS</u>	
	<u>C7 ENTRANCE PERMITS TO SECURITY AREAS</u>	
	<u>C8 SECURITY CHECK OF PERSONNEL</u>	
	<u>Details:</u>	
106	The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works	Item
	Un/A 1	
107	In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister	
	The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959	Item
	Un/A 1	
108	Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification	Item
	Un/A 1	
109	Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification	Item
	Un/A 1	
110	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification	Item
	Un/A 1	
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	Preliminaries	

		Amount
111	<p>Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Un/A 1</p>	Item
112	<p>Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification</p> <p>Un/A 1</p>	Item
113	<p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance.</p> <p>The contractor shall not be entitled to any compensation of whatsoever nature, including interest, 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>Un/A 1</p>	Item
114	<p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993).</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance.</p>	
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	Item	Amount
<p>The contractor shall not be entitled to any compensation of whatsoever nature, including interest, 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. Refer to the attached specification at the back of these bills of quantities</p>	Item	
<p>Un/A 1</p>		
<p><u>C9 PROHIBITION ON TAKING OF PHOTOGRAPHS</u></p>		
<p><u>C10 HIV/AIDS AWARENESS</u></p>		
<p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.</p>		
<p>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 contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance.</p>		
<p>The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p>		
<p><u>C10.1 AWARENESS CHAMPION</u></p>		
<p><u>C10.2 AWARENESS WORKSHOPS</u></p>		
<p><u>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</u></p>		
<p><u>C10.4 ACCESS TO CONDOMS</u></p>		
<p><u>C10.5 MONITORING</u></p>		
<p><u>C11 OCCUPATIONAL HEALTH AND SAFETY ACT</u></p>		
<p><u>LOCAL LABOUR</u></p>		
<p><u>Local labour empowerment:</u></p>		
<p>115 The contractor is to keep records of labour in terms of labour employed and submit labour records from a reliable payroll system that corresponds with the South African law governing labour records.</p>	Item	
<p>Un/A 1</p>		
<p>116 Local labour fortnightly reporting:</p>		
<p>Carried To Section Summary</p>	R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

		Amount
	<p>The Tenderer is to submit a monthly report on the template available from the Principal Agent at the site handover, which requires labour amounts spent and reported dermographically, geographically and also values spent on local labour.</p> <p>Un/A 1</p> <p><u>CARTING OF WATER FOR CONSTRUCTION</u></p> <p><u>Carting of water on site</u></p>	Item
117	<p>The contractor is to make provision to cart water onto site as there maybe no sufficient water available on site.</p> <p>Un/A 1</p> <p><u>PORTFOLIO OF EVIDENCE</u></p> <p><u>GPS Tagged photos:</u></p>	Item
118	<p>The contractor shall use a camera with a function that adds GPS co-ordinates to the saved photos under the properties of the photo.</p> <p>If the photos are not showing the GPS co-ordinates matching those of the site address of this bid, then the photos cannot be used as evidence.</p> <p>Un/A 1</p> <p><u>Proof of Depths of foundation excavations:</u></p>	Item
119	<p>The contractor is to take and email to the Quantity Surveyor, GPS tagged photos of the:</p> <p>a) Excavation depths vs natural ground/ reduced level</p> <p>b) Top of footing vs natural ground/ reduced level</p> <p>c) Top of Surface bed vs natural ground/ reduced level</p> <p>Note:</p> <p>The above is to be taken at all external corners of the building, by means of a surveying staff.</p> <p>Un/A 1</p> <p><u>ELECTRICAL INSTALLATION & OTHER SUBCONTRACTOR'S PRELIMINARIES</u></p> <p><u>Selected/Nominated/Domestic Subcontractors preliminaries and other indirect costs are to be priced herein under as there will be no compensation for extra preliminaries for the contractors subcontractors:</u></p>	Item
120	<p>Fixed, Value and time related items</p> <p>Un/A 1</p>	Item
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SECTION NO. 1

PRELIMINARIES AND GENERAL

SECTION SUMMARY

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SECTION NO. 2
BUILDING WORKS

	Unit	Quantity	Rate	Amount
SECTION NO. 2				
<u>BUILDING WORKS</u>				
<u>BILL NO. 1</u>				
<u>EARTHWORKS</u>				
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Nature of ground</u>				
Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"				
<u>Subterranean water</u>				
No subterranean water is expected				
<u>Excavation for working space in rock</u>				
Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be				
<u>Carting away of excavated material</u>				
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
<u>Filling</u>				
Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material				
<u>EXCAVATION, FILLING, ETC</u>				
<u>EXCAVATIONS, ETC</u>				
<u>Excavation in earth not exceeding 2m deep</u>				
1	Trenches	m ³	187	
	ECD 112 NC 75			
<u>Extra over trench and hole excavations in earth for excavation in</u>				
2	Soft rock	m ³	28	
	ECD 17 NC 11			
			Carried to Collection	R
Section No. 2				
Bill No. 1				
Earthworks				

	Unit	Quantity	Rate	Amount
3	m ³	18		
ECD 11 NC 7 <u>Extra over all excavations for carting away</u>				
4	m ³	103		
Surplus material from excavations and/or stock piles on site, to a dumping site to be located by contractor ECD 62 NC 41 <u>Risk of collapse of excavations</u>				
5	m ²	563		
Sides of trench and hole excavations NE 1,5m deep ECD 341 NC 222 <u>Keeping excavations free of water</u>				
6	Item			
Keeping excavations free of all water other than subterranean water I 1 <u>FILLING ETC</u> <u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>				
7	m ³	42		
Backfilling to trenches, holes, etc ECD 25 NC 17 <u>Filling of natural gravel material G5 supplied by the contractor, compacted to 95% Mod AASHTO density</u>				
8	m ³	220		
Under floors, steps, pavings, etc ECD 123 NC 97 <u>Filling of natural gravel material G6 supplied by the contractor, compacted to 95% Mod AASHTO density</u>				
9	m ³	104		
Under floors, steps, pavings, etc ECD 59 NC 45 <u>Coarse river sand filling supplied by the contractor</u>				
10	m ³	35		
Under floors etc ECD 20 NC 15 <u>Compaction of surfaces</u>				
11	m ²	692		
Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density ECD 391 NC 301 <u>SOIL POISONING</u> <u>Soil insecticide in accordance with SANS 5859</u>				
12	m ²	692		
Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming ECD 391 NC 301				
			R	
Section No. 2				
Bill No. 1				
Earthworks				

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SECTION NO. 2
BUILDING WORKS
BILL NO. 1
EARTHWORKS
COLLECTION

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Section No. 2
 Bill No. 1
 Earthworks

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDING WORKS</u> <u>BILL NO. 2</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p>				
<p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p>				
<p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p>				
<p><u>Cost of tests</u></p>				
<p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately)</p>				
<p><u>Formwork</u></p>				
<p>Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before reuse</p>				
<p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself. Formworks to soffits of solid etc shall be deemed to be slabs not exceeding 250mm thick unless otherwise described.</p>				
<p>Formworks to soffits of solid etc shall be deemed to be slabs not exceeding 250mm thick unless otherwise described</p>				
<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 2 Concrete, Formwork And Reinforcement</p>			R	

	Unit	Quantity	Rate	Amount
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>				
<u>Rough formwork to sides</u>				
9 Strip footings (Provisional)	m ²	116		
ECD 58 NC 58				
<u>REINFORCEMENT (PROVISIONAL)</u>				
<u>High tensile steel reinforcement to structural concrete work (Y)</u>				
10 10mm Diameter bars	Tonnes	0.47		
ECD 0.33 NC 0.14				
11 12mm Diameter bars	Tonnes	1		
ECD 1				
<u>Fabric reinforcement</u>				
12 Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²	712		
ECD 404 NC 308				
Carried to Collection				
Section No. 2				
Bill No. 2				
Concrete, Formwork And Reinforcement				
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SECTION NO. 2
BUILDING WORKS
BILL NO. 2
CONCRETE, FORMWORK AND REINFORCEMENT
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Section No. 2
Bill No. 2
Concrete, Formwork And Reinforcement

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u></p>				
<p><u>BUILDING WORKS</u></p>				
<p><u>BILL NO. 3</u></p>				
<p><u>MASONRY</u></p>				
<p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p>				
<p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p>				
<p><u>BRICKWORK</u></p>				
<p><u>Sizes in descriptions</u></p>				
<p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p>				
<p><u>Hollow walls</u></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><u>User note</u></p>				
<p>The following preamble generally applies for works in hot and humid coastal areas</p>				
<p><u>Bagged and sealed walls</u></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 bitumen emulsion waterproofing coating</p>				
<p><u>Face bricks</u></p>				
<p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p>				
<p><u>Pointing</u></p>				
<p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p>				
<p>Carried to Collection</p>				
<p>Section No. 2</p>				
<p>Bill No. 3</p>				
<p>Masonry</p>				
<p>153</p>				
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	Unit	Quantity	Rate	Amount
<u>BRICKWORK</u>				
<u>FOUNDATIONS (PROVISIONAL)</u>				
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar</u>				
1				
	m ²	107		
ECD 59			NC 48	
2				
	m ²	91		
ECD 61			NC 30	
<u>2,5mm Brickwork reinforcement</u>				
3				
	m	172		
ECD 129			NC 43	
4				
	m	1 972		
ECD 1146			NC 826	
<u>FACE BRICKWORK</u>				
<u>Face bricks 'Bergendal Blend Satin' pointed with recessed horizontal and vertical joints</u>				
5				
	m ²	51		
ECD 31			NC 20	
<u>BRICKWORK</u>				
<u>SUPERSTRUCTURE</u>				
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar</u>				
6				
	m ²	102		
ECD 77			NC 25	
7				
	m ²	31		
ECD 19			NC 12	
8				
	m ²	334		
ECD 152			NC 182	
9				
	m ²	396		
ECD 261			NC 135	
<u>BRICKWORK SUNDRIES</u>				
<u>Bagging of 1:3 cement and sand mixture</u>				
10				
	m ²	44		
ECD 24			NC 20	
<u>2,5mm Brickwork reinforcement</u>				
11				
	m	604		
ECD 455			NC 149	
Carried to Collection				R
Section No. 2				
Bill No. 3				
Masonry				

		Unit	Quantity	Rate	Amount
12	150mm Wide reinforcement built in horizontally ECD 2360 NC 1803 <u>Prestressed fabricated concrete lintels including necessary temporary supports</u>	m	4 163		
13	110 x 75mm Lintels in lengths not exceeding 3m ECD 137 NC 80 <u>Galvanised hoop iron cramps, ties, etc</u>	m	217		
14	30 x 1,6mm Cramp 500mm long with one end fixed to timber and other end built into brickwork ECD 261 NC 198 <u>FACE BRICKWORK</u> <u>Face bricks 'Bergendal Blend Satin' pointed with recessed horizontal and vertical joints</u>	No	459		
15	Piers ECD 2 NC 2	m ³	4		
16	Extra over brickwork for face brickwork ECD 503 NC 322	m ²	825		
17	Extra over brickwork for brick on header course bands one course high ECD 45 NC 28 <u>Brick-on-edge header course copings, sills, etc of face bricks, pointed with flush joints on all exposed faces</u>	m	73		
18	220mm Wide sills set sloping and slightly projecting ECD 51 NC 24 <u>FIBRE-CEMENT WINDOW SILLS</u> <u>Natural grey sills in single lengths bedded in cement mortar including metal fixing lugs etc</u>	m	75		
19	150 x 15mm Wide sills set flat and slightly projecting	m			RATE ONLY
Carried to Collection				R	
Section No. 2					
Bill No. 3					
Masonry					

SECTION NO. 2
BUILDING WORKS
BILL NO. 3
MASONRY
COLLECTION

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Section No. 2
Bill No. 3
Masonry

	Unit	Quantity	Rate	Amount
SECTION NO. 2				
BUILDING WORKS				
BILL NO. 4				
WATERPROOFING				
NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent				
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors				
SUPPLEMENTARY PREAMBLES				
Waterproofing				
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				
DAMP-PROOFING OF WALLS AND FLOORS				
<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>				
1				
	m ²	692		
Under surface beds ECD 391 NC 301				
<u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u>				
2				
	m ²	112		
In walls ECD 68 NC 44				
<u>Two coats bitumen emulsion waterproof coating</u>				
3				
	m ²	563		
On bagged brick walls ECD 341 NC 222				
<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
4				
	m	563		
8 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary ECD 341 NC 222				
			R	
Carried To Section Summary				
Section No. 2				
Bill No. 4				
Waterproofing				

	Unit	Quantity	Rate	Amount
SECTION NO. 2				
BUILDING WORKS				
BILL NO. 5				
ROOF COVERINGS				
NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent				
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors				
PROFILED METAL SHEETING AND ACCESSORIES				
<u>0.8mm Z275 spelter galvanised IBR steel sheets in single lengths with "chromadek" finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to timber purlins or rails</u>				
1				
	m ²	896		
Roof covering with pitches not exceeding 25 degrees ECD 467 NC 429				
<u>0.8mm Z275 spelter galvanised IBR steel sheets accessories to preceding roof covering with "chromadek" finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to timber purlins or rails</u>				
2	m	65		
Ridge capping 650mm girth ECD 30 NC 35				
3	m	12		
Valley covering 650mm girth NC 12				
4	m	289		
Narrow and broad flute closers 35mm girth ECD 137 NC 152				
5	m	12		
Narrow and broad flute closers 35mm girth, raking at valleys or hips NC 12				
ROOF AND WALL INSULATION				
6	m ²	896		
Double sided reflective aluminium foil faced insulation barrier, with reflective facing to be exposed to roof sheets ECD 467 NC 429				
7	m ²	179		
30mm Flexible faced polyisocyanurate insulation boarding, laid over purlins (at approximately 600mm centres) and fixed concurrent with roof covering, including holes through boards etc ECD 93 NC 86				
Carried To Section Summary				
Section No. 2			R	
Bill No. 5				
Roof Coverings				

	Unit	Quantity	Rate	Amount
References given in descriptions refer to the respective types of trusses detail				
References given in descriptions refer to the respective types of trusses detailed on the architect's/engineer's drawings for tender purposes				
Dimensions in descriptions of trusses are nominal and actual measurements are to be obtained from the architect/engineer and/or taken on site before design or fabrication commences				
<u>Design Responsibility</u>				
The contractor shall be responsible for the design of the timber roof construction. The contractor will submit shop drawings for approval to the engineer/architect within two weeks after the date of appointment. The contractor shall commence manufacturing only after written approval of shop drawings from the engineer /architect				
<u>Timber roof construction</u>				
The following is applicable in respect of prefabricated timber roof truss construction:				
<u>Site inspection and liaison with main contractor</u>				
The trusses subcontractor is advised to liaise with the main contractor on site and confirm all the dimensions prior to design, fabrication and installation of the timber roof structures				
<u>Plate nailed timber roof truss construction</u>				
<u>Sawn softwood grade 6 S.A Pine</u>				
2 228 x 38mm Common rafters in lengths not exceeding 6.6m ECD 12 NC 23	m	35		
3 Roof construction to double pitched roof complete with two gable ends, 31.10 x 15.57m overall on plan and 2200mm high overall, including trusses, jack rafters, permanent bracing and 50 x 75mm purlins at 600mm centres, etc., for roof sheeting. All as per roof drawings (ECD) NC 1	No	1		
4 Roof construction to L shaped double pitched roof complete with two gable end two sides and hipped on the other, 9.94 x 16.22m and 18.30 x 7.60m overall on plan and 1860mm high overall, including trusses, jack rafters, permanent bracing and 50 x 75mm purlins at 600mm centres, etc., for roof sheeting. All as per roof drawings (Nutrition Centre) NC 1	No	1		
Carried to Collection				R
Section No. 2				
Bill No. 6				
Carpentry And Joinery				

	Unit	Quantity	Rate	Amount
<u>EAVES, VERGES, ETC</u>				
<u>Medium density plain fibre-cement fascias and barge boards</u>				
5	m	159		
<p>225 x 12mm Fascias and barge boards, including galvanised steel profile joiners</p> <p>ECD 77 NC 82</p> <p>Trusses are at maximum 1 500mm centres. Roof covering to be IBR (0.8mm) thick approved light industrial Z275 spelter "Chromadek" galvanised steel sheeting (by others). Gypsum plaster board and fibre cement ceilings and / or suspended ceilings will be installed below roof trusses (ceilings elsewhere measured)</p> <p>The dimensions in the descriptions of the roofs are scaled and are only a broad indication of the scope of the works. The contractor is required to obtain actual measurements from the Architect and/or the site before design or fabrication commences. Rates to include for complete roof structures including all fixing, hoisting, all rafter end splaying, wall plates, battens, edge battens, bracing, ridge rafters, valley rafters, etc</p>				
<u>DOORS ETC</u>				
<u>Wrought meranti doors hung to timber frames</u>				
6	No	14		
<p>44mm 'C.K.S.' Framed batten door 2032 x 813mm high of 150 x 44mm top rail and stiles, 150 x 16mm middle ledge and braces and 230 x 22mm bottom ledge filled in with 22mm V jointed one side boarding filled in at the back with plywood veneer (D02/05 - ECD and D09-Nutrition Centre)</p> <p>ECD 9 NC 5</p>				
7	No	5		
<p>44mm 'C.K.S.' Double-leaved framed batten door 1511 x 2032mm high of 150 x 44mm top rail and stiles, 150 x 22mm middle ledge and braces and 230 x 22mm bottom ledge filled in with 22mm V-jointed one side boarding filled in at the back with plywood veneer (D11 - Classrooms & D01 Nutrition)</p> <p>ECD 2 NC 3</p>				
<u>40mm Semi-solid flush doors with 3,2mm plain hardboard covering on both sides and two concealed edges, hung to timber frames</u>				
8	No	8		
<p>Door 813 x 2032mm high (D06 - Nutrition Centre)</p> <p>ECD 6 NC 2</p>				
Carried to Collection			R	
<p>Section No. 2 Bill No. 6 Carpentry And Joinery</p>				

	Unit	Quantity	Rate	Amount
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
22	Floor cupboard 3350 x 900mm high overall with sides, bottom, division, shelves, doors, framework, etc	No	3	
	ECD 3			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
23	Floor drawer cupboard 1450 x 900mm high overall with sides, bottom, division,shelves, doors, framework, etc	No	1	
	ECD 1			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
24	Sink cupboard 1850 x 900mm high overall with sides, bottom, division, shelves, doors, framework, etc	No	1	
	ECD 1			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
25	Floor drawer cupboard 1850 x 900mm high with, sides, bottom, including four drawers	No	2	
	ECD 2			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
26	Floor drawer cupboard 900 x 900mm high with, sides, bottom, including four drawers	No	2	
	ECD 2			
			Carried to Collection	R
Section No. 2				
Bill No. 6				
Carpentry And Joinery				

	Unit	Quantity	Rate	Amount
<u>FITTINGS</u>				
<u>Shelves consisting of shelves, frame, marine ply timber base with 2mm brushed aluminium kick plate, 19mm hardwood backboard, 8mm pins, etc., complete as per architect's drawings</u>				
27	Floor open shelf cupboard 900 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	2	
	ECD 2			
28	Floor open shelf cupboard 1330 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	3	
	ECD 3			
29	Floor open shelf cupboard 1150 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	2	
	ECD 2			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
30	Floor open shelf cupboard 900 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	2	
	ECD 2			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
31	Floor open shelf cupboard 1330 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	3	
	ECD 3			
<u>FITTINGS</u>				
<u>Shelving with SA Pine framing, laminated shelves, side and back panels, etc., complete as per Architect's Drawings</u>				
32	Floor open shelf cupboard 1150 x 900mm high with, sides, bottom, back, timber slats to face counter , etc (kitchen)	No	2	
	ECD 2			
Carried to Collection			R	
Section No. 2				
Bill No. 6				
Carpentry And Joinery				

SECTION NO. 2
BUILDING WORKS
BILL NO. 6
CARPENTRY AND JOINERY
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Section No. 2
Bill No. 6
Carpentry And Joinery

	Unit	Quantity	Rate	Amount
<u>6mm Fibre-cement plain ceiling boards with H-profile galvanised steel jointing strips</u>				
3 Ceilings laid in a staggered pattern including 38 x 38mm sawn softwood brandering at 300mm centres and cross brandering at 300mm centres ECD 127 NC 72	m ²	199		
4 Extra over ceiling for 600 x 600 x 0.6mm thick pressed steel trap door,hinged to open 180 degrees onto ceiling, 25 x 25 x 3mm T-section steel frame NC 1	No	1		
<u>Gypsum plasterboard cornices</u>				
5 75mm Coved cornices ECD 168 NC 153	m	321		
<u>Fibre cement cornices</u>				
6 75mm Coved cornices ECD 63 NC 77	m	140		
<u>Glass mineral wool cavitybatt insulation</u>				
7 405mm Insulation laid on top of brandering between roof timbers etc ECD 374 NC 274	m ²	648		
Carried to Collection				R
Section No. 2				
Bill No. 7				
Ceilings Partitions And Access Flooring				

SECTION NO. 2
BUILDING WORKS
BILL NO. 7
CEILINGS PARTITIONS AND ACCESS FLOORING
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Section No. 2
Bill No. 7
Ceilings Partitions And Access Flooring

	Unit	Quantity	Rate	Amount
SECTION NO. 2				
BUILDING WORKS				
BILL NO. 8				
FLOOR COVERINGS				
SUPPLEMENTARY PREAMBLES				
Fixing				
Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc				
ECD Building				
FLOOR COVERINGS				
<u>500 x 500mm needle punch carpet tiles fixed with carpet adhesive strictly according to manufacturer's specifications</u>				
1	m ²	9		
On floors ECD 9 <u>2mm Thick fully flexible homogenous 'Polyflo Palletone' vinyl sheeting with welded joints laid in acrylic adhesive in strict accordance to manufacturer's instructions</u>				
2	m ²	178		
On floors ECD 178				
3	m ²	3		
On treads and risers of stepped floors ECD 3 <u>Two coats high gloss Tuff-Floor Epoxy resin (Code: EP502)</u>				
4	m ²	11		
On floors ECD 11 <u>POLISH, SEALERS, ETC</u>				
5	m ²	189		
Two coats wax polish on vinyl flooring ECD 11 NC 178 <u>Nutrition Centre</u>				
FLOOR COVERINGS				
<u>2mm Thick fully flexible homogenous 'Polyflo Palletone' vinyl sheeting with welded joints laid in acrylic adhesive in strict accordance to manufacturer's instructions</u>				
6	m ²	115		
On floors NC 115				
			R	
Carried to Collection				
Section No. 2				
Bill No. 8				
Floor Coverings				

	Unit	Quantity	Rate	Amount
<u>Two coats high gloss Tuff-Floor Epoxy resin (Code: EP502)</u>				
7 On floors NC 44	m ²	44		
<u>POLISH, SEALERS, ETC</u>				
8 Two coats wax polish on vinyl flooring ECD 115 NC 44	m ²	159		
Carried to Collection				
Section No. 2 Bill No. 8 Floor Coverings			R	

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BUILDING WORKS
BILL NO. 8
FLOOR COVERINGS
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Section No. 2
Bill No. 8
Floor Coverings

	Unit	Quantity	Rate	Amount
SECTION NO. 2				
<u>BUILDING WORKS</u>				
<u>BILL NO. 9</u>				
<u>IRONMONGERY</u>				
NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent				
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary items</u>				
Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items				
Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc clarifying the features of the products/articles offered				
On request returnable samples are to be provided to the principal agent for consideration				
<u>HINGES, BOLTS, ETC</u>				
<u>"Solid"</u>				
1	No	2		
Nickel plated flush bolt with keep fixed to metal				
ECD 2				
<u>"Union"</u>				
2	No	8		
'RADIUS CB-SC692-73SC' Indicator bolt				
ECD 6 NC 2				
3	No	1		
'37651AS' WC indicator bolt and keep				
ECD 1				
<u>LOCKS</u>				
<u>"Solid"</u>				
4	No	13		
76mm Four lever upright mortice lock (Code 313/A40)				
ECD 10 NC 3				
<u>"Union"</u>				
5	No	1		
Three lever deadlock escutcheon (Code 32320-78)				
NC 1				
			R	
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Section No. 2				
Bill No. 9				
Ironmongery				

SECTION NO. 2
BUILDING WORKS
BILL NO. 9
IRONMONGERY
COLLECTION

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Section No. 2
Bill No. 9
Ironmongery

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDING WORKS</u> <u>BILL NO. 10</u> <u>METALWORK</u></p> <p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and boltsshall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as 'holed for bolt(s)' shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as 'plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p> <p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass shall be safety glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>For purpose made windows and doors, refer to drawings annexed to these bills of quantities</p> <p>The following certificates shall be provided prior to commencement of site work</p> <p>1. A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</p>				
<p>Section No. 2 Bill No. 10 Metalwork</p>			R	

Carried to Collection

	Unit	Quantity	Rate	Amount
<p><u>"CLIP44" Shopfront system Bronze Anodised coated aluminium doors glazed with 6.38mm laminated safety glass as per Architect door and window schedule, complete with subframes, ironmongery, sealing, etc. and plugged to brickwork or concrete</u></p>				
<p>16 Purpose made double door, 1524 x 2100mm high (D07) NC 2</p>	No	2		
<p>Section No. 2 Bill No. 10 Metalwork</p>				<p style="text-align: right;">R</p>
<p style="text-align: right;">Carried to Collection</p>				

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BUILDING WORKS
BILL NO. 10
METALWORK
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Section No. 2
Bill No. 10
Metalwork

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDING WORKS</u> <u>BILL NO. 11</u> <u>PLASTERING</u></p> <p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>GRANOLITHIC</u></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 14m² for monolithic finishes, not exceeding 9,5m² for bonded finishes and not exceeding 6m² 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>				
<p>Section No. 2 Bill No. 11 Plastering</p>			R	

Carried to Collection

	Unit	Quantity	Rate	Amount
5 On narrow widths ECD 21 NC 13 EXTERNAL PLASTER Cement plaster wood floated, on brickwork	m ²	34		
6 On walls ECD 24 NC 21	m ²	45		
7 On narrow widths not exceeding 300mm wide ECD 14 NC 10 CORNER PROTECTORS, DIVIDING STRIPS, ETC	m ²	24		
8 15 x 10 x 1.6mm L-section brass dividing strips between differing floor finishes ECD 6 NC 12	m	18		
Carried to Collection				
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Section No. 2				
Bill No. 11				
Plastering				

SECTION NO. 2
BUILDING WORKS
BILL NO. 11
PLASTERING
COLLECTION

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Bill No. 11
Plastering

SECTION NO. 2
BUILDING WORKS
BILL NO. 12
TILING
COLLECTION

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Section No. 2
Bill No. 12
Tiling

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>BUILDING WORKS</u> <u>BILL NO. 13</u> <u>PLUMBING AND DRAINAGE</u></p>				
<p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p>				
<p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p>				
<p><u>Copper pipes:</u></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><u>Lead pipes and traps</u></p>				
<p>All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel</p>				
<p><u>Reducing fittings</u></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><u>Wire gratings</u></p>				
<p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p>				
<p><u>Septic tanks</u></p>				
<p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p>				
<p>Section No. 2 Bill No. 13 Plumbing And Drainage</p>				
<p style="text-align: right;">Carried to Collection</p>				
<p style="text-align: right;">R</p>				

	Unit	Quantity	Rate	Amount
<p><u>Exposed concrete surfaces</u> Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster</p> <p><u>Excavations</u> No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling 'Soft rock' and 'hard rock' shall be as defined in 'Earthworks'</p> <p><u>Laying, backfilling, bedding, etc. of pipes</u> Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions Where no manufacturers' instructions exist pipes shall be laid in accordance with Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS/SANS 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/SANS 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/SANS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding</p> <p><u>Flush pans</u> Flush pans shall have straight or side outlets and 'P' or 'S' traps as necessary</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc.</u> Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p>				
<p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 13 Plumbing And Drainage</p>			R	

		Unit	Quantity	Rate	Amount
12	Close coupled 90 degrees outlet wall hung open rim washdown pan (Code 750200) and matching 9 litre cistern (Ccode 7116LP)complete with lid, fitments and flush pipe elbow and heavy duty A1 high traffic toilet seat cover for paraplegic, colour white (Disabled)	No	1		
	ECD 1				
13	455 x 290mm Vitreous china 'Bantam' basin with two semi-punched tapholes, integrated overflow and chainstay hole bolted to wall with two 10mm bolts, colour white	No	4		
	ECD 4				
14	510x 405mm Vitreous china 'Hibiscus' basin with three semi-punched tapholes, integrated overflow and chainstay hole through centre bolted to wall with two 10mm bolts, colour white	No	2		
	ECD 2				
	<u>WASTE UNIONS ETC</u>				
15	32mm Basin waste union	No	6		
	ECD 2 NC 4				
16	32mm Bottle trap	No	3		
	ECD 3				
17	38mm Bath or sink waste union	No	3		
	ECD 3				
	<u>TRAPS ETC</u>				
	<u>'Flexitraps':</u>				
18	32 x 40mm Reseal 'P' or 'S' trap	No	6		
	ECD 2 NC 4				
	<u>TAPS, VALVES, ETC</u>				
	<u>'Cobra Watertech'</u>				
19	15mm 126CP stopcock	No	2		
	NC 2				
20	Basin pillar tap no.111 chromium plated handle	No	4		
	NC 4				
21	15mm Star wall mounted chromium plated swan neck swivel sink mixer (Code CSS 115)	No	3		
	ECD 3				
22	15mm elbow action pillar tap (Code 503-21B)	No	1		
	ECD 1				
23	15mm Push button pillar tap with raised nose (Code KM2-102)	No	8		
	ECD 8				
	Carried to Collection				
	Section No. 2				
	Bill No. 13				
	Plumbing And Drainage				
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		Unit	Quantity	Rate	Amount
24	15mm chromium plated angle regulating valve and flexible connection pipe	No	16		
	ECD 2 NC 14				
	<u>SANITARY PLUMBING</u>				
	<u>PVC-U Soil and vent pipes</u>				
25	50mm pipe	m	41		
	ECD 23 NC 18				
26	110mm Pipes	m	18		
	ECD 5 NC 13				
27	110mm Pipes laid in and including trenches not exceeding 1m deep	m	41		
	ECD 8 NC 33				
	<u>Extra over PVC-U soil and vent pipes for fittings</u>				
28	50mm Bend	No	47		
	ECD 45 NC 2				
29	50mm Junction	No	10		
	ECD 10				
30	50mm Access bend	No	9		
	ECD 9				
31	110 x 50mm Reducing junction	No	9		
	ECD 9				
32	110mm Bend	No	14		
	ECD 14				
33	110mm Pan connector	No	7		
	ECD 7				
34	110mm Access junction	No	7		
	ECD 7				
35	110mm Access reducing junction	No	7		
	ECD 7				
	<u>Testing</u>				
36	Sundries Testing waste pipe system	Item			
	I 1				
	<u>WATER SUPPLIES</u>				
	<u>Class 0 copper pipes</u>				
37	22mm Pipes	m	28		
	ECD 28				
38	32mm Pipes	m	150		
	ECD 71 NC 79				
39	22mm Pipes chased in walls	m	45		
	ECD 45				
	Carried to Collection				
	Section No. 2				
	Bill No. 13				
	Plumbing And Drainage				

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		Unit	Quantity	Rate	Amount
40	32mm Pipes chased in walls ECD 18 Extra over class 0 copper pipes for capillary fittings	m	18		
41	22mm Fittings ECD 35	No	35		
42	32mm Bend ECD 8 NC 14	No	22		
43	32mm Junction ECD 6 NC 6 SOLAR WATER HEATERS	No	12		
44	110 Litre roof mounted high pressure direct solar heating system with vacuum tubes and electric backup for long cold seasons ECD 1 FIRE APPLIANCES ETC	No	1		
45	4.5kg Dry chemical powder fire extinguisher ECD 2	No	2		
46	9kg Dry chemical powder fire extinguisher NC 2	No	2		
Carried to Collection					R
Section No. 2					
Bill No. 13					
Plumbing And Drainage					

SECTION NO. 2
BUILDING WORKS
BILL NO. 13
PLUMBING AND DRAINAGE
COLLECTION

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Section No. 2
Bill No. 13
Plumbing And Drainage

	Unit	Quantity	Rate	Amount
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<u>BUILDING WORKS</u>				
<u>BILL NO. 14</u>				
<u>GLAZING</u>				
NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent				
NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Float glass</u>				
The term 'float glass' is used for monolithic annealed glass				
<u>Laminated glass</u>				
Laminated glass to have polyvinyl butyral (PVB) interlayer(s)				
<u>GLAZING TO STEEL WITH PUTTY</u>				
<u>6mm Clear float safety glass</u>				
1		Panes exceeding 0,5m ² and not exceeding 2m ²	m ²	75
		ECD 51 NC 24		
<u>6mm Obscure glass</u>				
2		Panes exceeding 0,5m ² and not exceeding 2m ²	m ²	2
		ECD 2		
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>				
<u>6mm Silvered float glass copper backed mirrors with 1mm bevelled and polished edges, holed for and fixed with chromium plated dome headed mirror screws with rubber buffers to plugs in brickwork or concrete</u>				
3		Mirror 600 x 450mm high	No	2
		ECD 2		
Carried To Section Summary				
Section No. 2				
Bill No. 14				
Glazing				
			R	

	Unit	Quantity	Rate	Amount
<u>ON FIBRE-CEMENT</u>				
<u>One coat primer, one coat universal undercoat and two coats 'Dulux'super acrylic PVA paint</u>				
4 On ceilings and cornices	m ²	199		
ECD 127 NC 72				
<u>One coat universal undercoat and two coats 'Dulux' gloss enamel paint</u>				
5 On fascias and barge boards	m ²	37		
ECD 18 NC 19				
<u>ON WOOD SURFACES</u>				
<u>Three coats 'Woodoc 35'exteriors sealer</u>				
6 Doors	m ²	103		
ECD 62 NC 41				
<u>ON METAL SURFACES</u>				
<u>One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel</u>				
7 On door frames	m ²	50		
ECD 31 NC 19				
8 On windows with burglar bars	m ²	77		
ECD 53 NC 24				
9 Gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m ²	95		
ECD 48 NC 47				
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Section No. 2				
Bill No. 15				
Paintwork				

SECTION NO. 2
BUILDING WORKS
BILL NO. 15
PAINTWORK
COLLECTION

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Bill No. 15
Paintwork

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15	PAINTWORK	200	
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SECTION NO. 3

EXTERNAL WORKS-[PROVISIONAL]

	Unit	Quantity	Rate	Amount
<p>SECTION NO. 3</p> <p><u>EXTERNAL WORKS-[PROVISIONAL]</u></p> <p><u>BILL NO. 2</u></p> <p><u>SANDPIT</u></p> <p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Preambles</u></p> <p>The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section</p> <p><u>Proprietary Products In Descriptions</u></p> <p>Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent</p> <p><u>Nature Of Material To Be Excavated</u></p> <p>The material to be excavated is assumed to be predominantly of a composition that will allow excavation in "earth" as specified, but including a percentage of excavation in "soft rock" and "hard rock"</p> <p><u>Carting Away Of Excavated Material</u></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><u>Density Testing On Filling</u></p> <p>Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved</p> <p><u>Formwork</u></p> <p>Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p>				
<p>Carried to Collection</p>			R	
<p>Section No. 3 Bill No. 2 Sandpit</p>				

SECTION NO. 3
EXTERNAL WORKS-[PROVISIONAL]
BILL NO. 2
SANDPIT
COLLECTION

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Section No. 3
 Bill No. 2
 Sandpit

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>EXTERNAL WORKS-[PROVISIONAL]</u> <u>BILL NO. 3</u> <u>APRONS</u></p> <p>NOTE: The use of trade names simply serves to indicate a standard acceptable to the Principal Agent. Any other brand may be used with prior written approval of the Principal Agent</p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Preambles</u></p> <p>The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section</p> <p><u>Proprietary Products In Descriptions</u></p> <p>Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent</p> <p><u>Nature Of Material To Be Excavated</u></p> <p>The material to be excavated is assumed to be predominantly of a composition that will allow excavation in "earth" as specified, but including a percentage of excavation in "soft rock" and "hard rock"</p> <p><u>Carting Away Of Excavated Material</u></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><u>Density Testing On Filling</u></p> <p>Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved</p> <p><u>Formwork</u></p> <p>Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p>				
<p style="text-align: right;">Carried to Collection</p>			R	
<p>Section No. 3 Bill No. 3 Aprons</p>				

		Unit	Quantity	Rate	Amount
<u>Fabric reinforcement</u>					
11	Type 193 fabric reinforcement in concrete surface beds, slabs, etc ECD 109 NC 109	m ²	218		
<u>Waterproofing</u>					
<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>					
12	Under aprons ECD 109 NC 109	m ²	218		
<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>					
13	8 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary ECD 91 NC 91	m	182		
Carried to Collection					R
Section No. 3					
Bill No. 3					
Aprons					

SECTION NO. 3
EXTERNAL WORKS-[PROVISIONAL]
BILL NO. 3
APRONS
COLLECTION

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Section No. 3
Bill No. 3
Aprons

			Amount
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SECTION NO. 4

ELECTRICAL INSTALLATIONS [PROVISIONAL]

	Unit	Quantity	Rate	Amount
SECTION NO. 4				
<u>ELECTRICAL INSTALLATIONS [PROVISIONAL]</u>				
<u>BILL NO. 1</u>				
<u>ELECTRICAL WORK</u>				
<u>LV RETICULATION, EXCAVATION AND ELECTRICAL INSTALLATION</u>				
<u>Distribution Board</u>				
1				
Supply and installation of flush wall mounted distribution boards as per the drawings and specifications, complete with all relevant busbars, accessories, etc. and switchgear fitted, connected, tested and commissioned. there shall be an A4 legend card riveted into the distribution board				
	No	2		
ECD 1 NC 1				
<u>Moulded Case Circuit Breakers</u>				
2				
10 Ampere S.P. 5 kA				
	No	4		
ECD 1 NC 3				
3				
20 Ampere S.P. 5 kA				
	No	5		
ECD 1 NC 4				
4				
60 Ampere T.P. 5 kA				
	No	2		
ECD 1 NC 1				
<u>Earth Leakage Units</u>				
5				
30 Ampere single phase 2,5 kA 30 mA				
	No	2		
ECD 1 NC 1				
<u>Labels</u>				
6				
Danger sign and labels as specified				
	Item			
I 1				
<u>LOW VOLTAGE CABLES</u>				
<u>600/1000V grade PVC/SWA/PVC stranded copper conductor cable (terminations and earth conductors elsewhere measured)</u>				
7				
95mm ² x 4-core				
	m	100		
ECD 100				
8				
16mm ² x 4-core				
	m	100		
ECD 100				
9				
10mm ² x 4-core				
	m	100		
ECD 100				
10				
6mm ² x 4-core				
	m	100		
ECD 100				
11				
4mm ² x 4-core				
	m	100		
ECD 100				
Carried to Collection			R	
Section No. 4				
Bill No. 1				
Electrical Work				

		Unit	Quantity	Rate	Amount
<u>BCEW</u>					
<u>Bare copper earth wire installed with cables</u>					
12	70mm ²	m	100		
	ECD 100				
13	10mm ²	m	100		
	ECD 100				
14	4mm ²	m	100		
	ECD 100				
<u>TERMINATIONS</u>					
<u>Cable Terminations complete including glands, shrouds, lugs, connections and commissioning</u>					
15	95mm ² x 4-core	No	2		
	ECD 2				
16	16mm ² x 4-core	No	2		
	ECD 2				
17	10mm ² x 4-core	No	2		
	ECD 2				
18	6mm ² x 4-core	No	2		
	ECD 2				
19	4mm ² x 4-core	No	2		
	ECD 2				
<u>BCEW Terminations complete including glands, shrouds, lugs, connections and commissioning</u>					
20	70mm ²	No	2		
	ECD 2				
21	16mm ²	No	2		
	ECD 2				
22	10mm ²	No	2		
	ECD 2				
<u>EXCAVATIONS</u>					
<u>Excavate for cable and sleeve trench including temporary support of sides, keeping excavations dry, backfilling and compacting to specification</u>					
23	Pickable Soil	m ³	13		
	ECD 13				
24	Soft rock	m ³	9		
	ECD 9				
25	Hard rock	m ³	8		
	ECD 8				
				Carried to Collection	R
Section No. 4					
Bill No. 1					
Electrical Work					

		Unit	Quantity	Rate	Amount
<u>CABLE MARKERS</u>					
26	PVC warning marking tape	m	150		
	ECD 150				
<u>MANHOLES</u>					
27	600 x 600 x 800 mm	No	2		
	ECD 2				
<u>ELECTRICAL INSTALLATION</u>					
<u>CONDUITS AND CONDUIT BOXES</u>					
<u>Supply and install SABS approved PVC conduit complete with bends, joints, adaptors, couplings, saddles, cutting, etc. cast in concrete, built or chased into brickwork or surface mounted to any surface.</u>					
28	20mm Conduit	m	350		
	ECD 200 NC 150				
29	25mm Conduit	m	400		
	ECD 200 NC 200				
30	32mm Conduit	m	160		
	ECD 80 NC 80				
<u>Galvanized steel conduit conduit complete with bends, joints, adaptors, couplings, saddles, cutting, etc. cast in concrete, built or chased into brickwork or surface mounted to any surface.</u>					
31	20mm Conduit	m	100		
	ECD 50 NC 50				
32	25mm Conduit	m	100		
	ECD 50 NC 50				
<u>POWER SKIRTING</u>					
<u>2- compartment galvanised steel power skirting, complete with steel cover, bolts, nuts, washers, coupling pieces, duct dividers, earthing, etc.</u>					
33	Power skirting, 2 - compartment 2 cover type, including steel cover, coupling pieces, earthing, bolts, nuts and washers etc	m			RATE ONLY
	ECD 80 NC 80				
34	90 degree bend	No			RATE ONLY
	ECD 4 NC 4				
35	End Cap	No			RATE ONLY
	ECD 6 NC 6				
Carried to Collection				R	
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Bill No. 1					
Electrical Work					

		Unit	Quantity	Rate	Amount
60	<p><u>Testing and Commissioning</u> Inspections, testing and handing over of the complete insulation in the presence of the Engineer and certify the results on the Certificate of Compliance by an Accredited person</p>	Item			
	I 1				
<p>Section No. 4 Bill No. 1 Electrical Work</p>	<p>Carried to Collection</p>			R	

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ELECTRICAL INSTALLATIONS [PROVISIONAL]
BILL NO. 1
ELECTRICAL WORK
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Electrical Work

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SECTION NO. 5

MECHANICAL INSTALLATIONS[PROVISIONAL]

	Unit	Quantity	Rate	Amount
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<u>MECHANICAL INSTALLATIONS[PROVISIONAL]</u>				
<u>BILL NO. 2</u>				
<u>KITCHEN EXTRACTION</u>				
<u>Supply, delivery, installation, testing, commissioning & handling in a working condition and maintenance during the guarantee period. Kitchen extraction system complete with fan assembly</u>				
1				
	No	1		
2000 x 2400 Kitchen Extraction canaopy complee with stainless steel filters, light , pilot light and on and off switch				
	No	1		
NC 1				
2				
	No	1		
Extraction air fan assembly for 2200l/s @350kPa				
	m	7		
NC 1				
3				
	m	7		
600 duct				
	No	2		
NC 7				
4				
	No	2		
600 bends				
	m	1		
NC 2				
5				
	m	1		
Discharge cowl				
NC 1				
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Kitchen Extraction				

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SECTION NO. 6
PROVISIONAL SUMS

Amount

SECTION NO. 6
PROVISIONAL SUMS

NOTE: Tenderers are referred to the definition of attendance on n/s sub-contractors given in Clause B9 of the JBCC Preliminaries

NOTE: All Provisional and Prime Cost Amounts are NET i.e: there is no cash discount

NOTE: Under no circumstances may any Prime Cost - Provisional Amount, etc be extended at an amount lower than the amount given in the Bill

NOTES:

1. Where special attendance includes the provision of hoisting facilities for a Sub-Contractor then the Contractor shall:-

*Ensure that the capacities of his hoisting equipment are sufficient to deal with the masses and quantities of the items to be hoisted,

*Schedule the times of availability of the hoisting equipment for each Sub-Contractors,

*Provide all necessary personnel to operate the hoisting equipment for each Sub-Contractor, all to enable the Sub-Contractor to execute the hoisting or lowering of his material, etc. Using the facilities provided by the Contractor

Under no circumstances may any Provisional Amount, etc. be extended at an amount lower than the amount given in this Bill

The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities

No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted

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

Electrical Installation for Mechanical Services

- 1 Provide the amount of R 80 000.00 (Eighty Thousand Rand Only) for Eletrical Installation and wiring for air conditioning units & fans as well as for adjustment of Mechanical engineering services to be used at the discretion of the principal agent and deducted in whole or in part if not required.
- 2 Profit
- 3 Allow for general attendance

Item	80 000 00
Item	
Item	

Carried To Section Summary

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Section No. 6
Bill No. 1
Provisional Sums

		Amount
<u>Skills Development Programme</u>		
4	Provide the amount of R 180 000.00 (One Hundred and Eighty Thousand Rand Only) for Skills Development Programme with Relevant Certification to be used at the discretion of the principal agent and deducted in whole or in part if not required.	Item 180 000 00
5	Profit	Item
6	Allow for general attendance	Item
<u>FURNITURE IN ECD CLASSROOM</u>		
7	Provide the amount of R 65 000.00 (Sixty Five Thousand Rand Only) for Loose Furniture for ECD Classroom to be used at the discretion of the principal agent and deducted in whole or in part if not required.	Item 65 000 00
8	Profit	Item
9	Allow for general attendance	Item
<u>Community Liason Officer</u>		
10	Provide the amount of R 45 000.00 (Fourty Five Thousand Rand Only) for Community Liason Officer	Item 45 000 00
11	Profit	Item
12	Allow for general attendance	Item
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Section No. 6
SECTION SUMMARY

SECTION NO. 7
BUDGETARY ALLOWANCES

SECTION NO. 7
BUDGETARY ALLOWANCES

SUPPLEMENTARY PREAMBLES

General

Work for which budgetary allowances are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances

CONTINGENCY (THIS SECTION IS NOT PART ON BIDDERS DOCUMENT)

Contingency

1 Allow a contingency amount of R 150 000.00 (One hundred and fifty thousand Rand) to be directed by the Director of Roads and Public Works

Amount

Item 150 000 00

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Section No. 7
Bill No. 1
Provisional Sums

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	ADD VAT @ 15%:		
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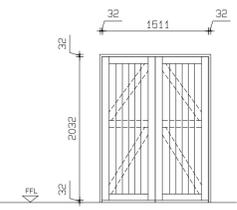
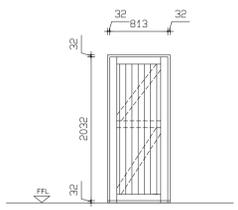
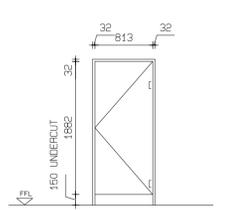
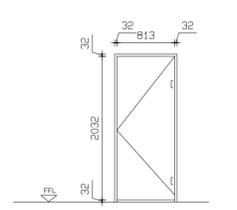
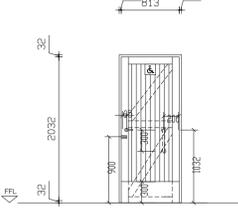
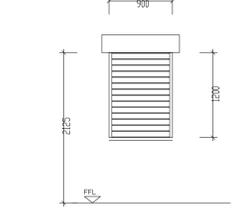
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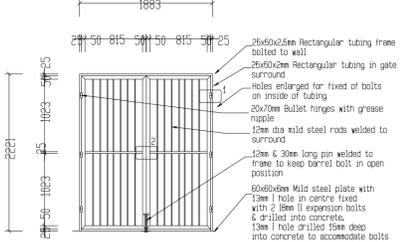
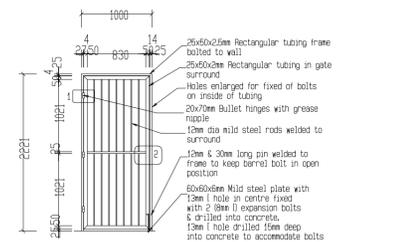
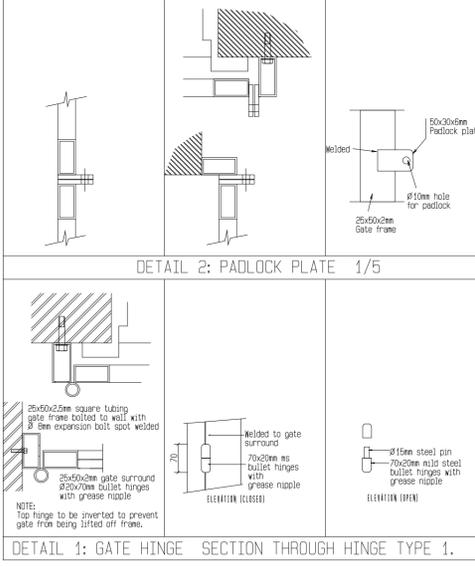
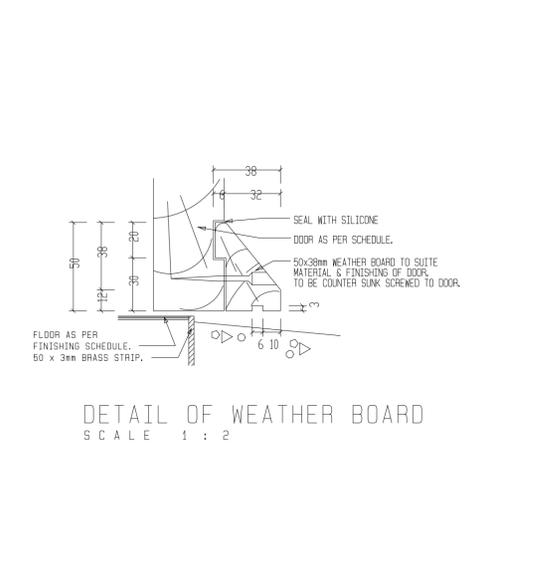
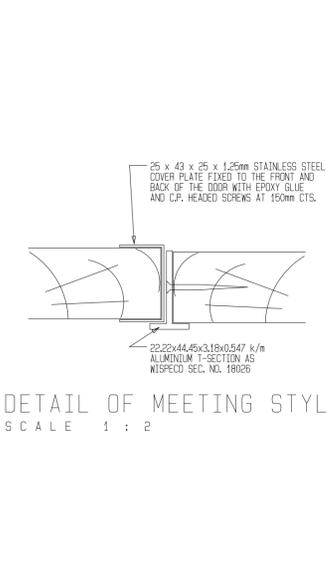
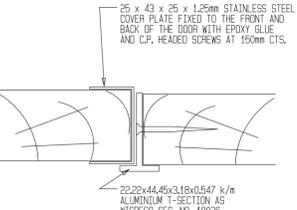
					
<p>DOOR No D1 QUANTITY 2 CODE NONE LOCATION CLASS ROOMS DOOR 2032x1514x44mm Framed Ledged & Braced batten door: 44x150mm top rail & stiles 16x150mm middle ledge & braces, 20x20mm bottom rail, 20mm V-jointed battens one side on the other side -6mm plywood flushpanel-veneer to match door let into & including rebates all round. Inside 864x300x1.6mm satin finished stainless steel protection plate. FRAME 1.2mm Thick PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT DOOR DOOR FINISH 3 Coats clear varnish. FRAME FINISH GLOSS ENAMEL PAINT. TYPE -WALL Face brick FURNITURE 1 pair Lever Handles WATERBOK SOLID Art: 472/E41 1 pair Backplates (1 key hole) SOLID Art: 710/E41 1 only 4-Lever Lockset SOLID Art: 313/ A40 1 pair Flushbolts SOLID Art: 206/150 1 pair Door Stop SOLID Art: 255/E41 . Weather Board to detail Meeting Style to detail</p>	<p>DOOR No D2 QUANTITY 4 CODE NONE LOCATION ABLUTIONS, KITCHEN & STORE ROOMS DOOR 2032x813x44mm Framed Ledged & Braced batten door: 44x150mm top rail & stiles 16x150mm middle ledge & braces, 20x20mm bottom rail, 20mm V-jointed battens one side on the other side -6mm plywood flushpanel-veneer to match door let into & including rebates all round. Inside 864x300x1.6mm satin finished stainless steel protection plate. FRAME 1.2mm Thick PRESSED STEEL SINGLE REBATE FRAME. 1 Pr 100mm BUTT HINGES welded to frame. 1 Adjustable S.S. STRIKE PLATE for mortice locks 1200mm above F.F.L. 3x RUBBER SHOCK ABSORBERS in rebate. DOOR FINISH 3 Coats clear varnish. FRAME FINISH GLOSS ENAMEL PAINT. TYPE -WALL Face brick FURNITURE 1 pair Lever Handles WATERBOK SOLID Art: 472/E41 1 pair Backplates (1 key hole) SOLID Art: 710/E41 4-Lever Lockset SOLID Art: 313/ A40 1 only Door Stop SOLID Art: 255/E41 . Weather Board to detail</p>	<p>DOOR No D3 QUANTITY 6 CODE NONE LOCATION CHILD TOILET DOOR 2032x813x40mm internal quality semi solid flush panel with approved veneer both sides and 2 concealed edges. FRAME STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 3 STEEL BUTT HINGES TO SUIT 813x1962x40mm SGL REBATE DOOR DOOR FINISH GLOSS ENAMEL PAINT ON WOOD. FRAME FINISH 1 COAT APPROVED STEEL PRIMER - FACTORY COATED TYPE -WALL PLASTER FURNITURE 'UNION RADIUS CB-SC682-735C' indicator bolt</p>	<p>DOOR No D4 QUANTITY 2 CODE NONE LOCATION STAFF TOILET DOOR 2032x813x40mm internal quality semi solid flush panel with approved veneer both sides and 2 concealed edges. FRAME 1.2mm Thick PRESSED STEEL SINGLE REBATE FRAME. 1 Pr 100mm BUTT HINGES welded to frame. 1 Adjustable S.S. STRIKE PLATE for mortice locks 1200mm above F.F.L. 3x RUBBER SHOCK ABSORBERS in rebate. DOOR FINISH 3 Coats clear varnish. FRAME FINISH 1 COAT APPROVED STEEL PRIMER - FACTORY COATED TYPE -WALL PLASTER INTERNALLY & FACE BRICK EXTERNALLY FURNITURE 1 pair Lever Handles WATERBOK SOLID Art: 472/E41 1 pair Backplates (1 key hole) SOLID Art: 710/E41 1 only 2-Lever Lockset SOLID Art: 313/ A40 1 only Door Stop SOLID Art: 255/E41 .</p>	<p>DOOR No D5 QUANTITY 1 CODE NONE LOCATION TOILET FOR DISABLED DOOR 2032x813x44mm Framed Ledged & Braced batten door: 44x150mm top rail & stiles 16x150mm middle ledge & braces, 20x20mm bottom rail, 20mm V-jointed battens one side on the other side -6mm plywood flushpanel-veneer to match door let into & including rebates all round. Both sides 864x300x1.6mm satin finished stainless steel protection plate. FRAME 1.2mm Thick PRESSED STEEL SINGLE REBATE FRAME. 1 Pr 100mm BUTT HINGES welded to frame. 1 Adjustable S.S. STRIKE PLATE for mortice locks 1200mm above F.F.L. 3x RUBBER SHOCK ABSORBERS in rebate. DOOR FINISH 3 Coats clear varnish. FRAME FINISH GLOSS ENAMEL PAINT. TYPE -WALL PLASTER INTERNALLY & FACE BRICK EXTERNALLY FURNITURE 190mm Signage by Design Hardware (code B2312) * 3-lever deadlock + ejection cam as 'UNION' 21200-7B * UNION 3755 (as helping hand) w/ indicator bolt & keep * GRABRAIL Ø19x300mm long in position shown on drawing. * bottom of door both sides 1,6x300mm S.S. KICKING PLATE.</p>	<p>DOOR No D6 QUANTITY 1 CODE NONE LOCATION KITCHEN DOOR STANDARD ROLLER SHUTTER AS 'WISPECO ROLL-A-DOR' O.S.A. FOR 1200x900mm OPENING FRAME AS SUPPLIED WITH DOOR DOOR FINISH FACTORY APPLIED FINISH - COLOR BY ARCHITECT FRAME FINISH AS SUPPLIED WITH DOOR TYPE -WALL Face Brick</p>

REVISION

Number	Drawn by	Date	By
01	XXXXXXXXXX		

NOTES:
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 * ALLE WERK MOET VOUDOEN AAN PLAUSURE STAATSRAADS-REGULASIES.

CONCRETE MIXTURE 5:4:1
 SCREED MIXTURE 5:1
 FLOOR COVERINGS TO OWNER'S CHOICE.
 TRUSSES 740 C/C, FIXED TO WALLS WITH 2mmx4mm Ø WIRE BUILT INTO WALLS.
 THE BEAMS 152mmx38mm. RAFTERS 114mmx38mm.
 76mmx38mm WALL PLATES.
 6mm GYPSUM BOARD CEILINGS
 100mm CUTTER 76mm Ø DOWNPIPES.
 READ DIMENSIONS IN PREFERENCE TO SCALING
 ALL GRADE 6 TIMBER TO COMPLY WITH S.A.B.S. STANDARDS
DRAINAGE NOTES:
 * SOL DRAIN 100 Ø P.V.C.
 * WASTEPIPES 38 & 52mm Ø P.V.C.
 * VENTPIPES 100mm Ø P.V.C.
 * IE'S AT EVERY BENT AND CHANGE OF DIRECTION
 * SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE
 * GLASS IN WINDOWS:
 0-0,75 m 3mm
 0,75 m -1,5 m 4mm
 1,50 m -2,0 m 6mm
 * SLIDING DOORS 6,5mm SAFETY GLASS & MARKER
 * SKUIFDEURE 6,5mm VEILIGHEIDS GLAS EN MERKERS

					
<p>GATE NO. G1 QUANTITY 2 CODE NONE LOCATION CLASS ROOMS DOOR 2221x1893mm STEEL GATE OUT (OFF: 25x50x2mm mild steel) rectangular tubing frame & 25x25x1.6mm thick mild steel square tubing vertical. Intermediate with 12mm dia rods, welded to frame. FRAME FRAME: 25x50x2mm RECTANGULAR TUBING FRAME. FINISH Prime with zinc chromate primer & apply 1 undercoat & 2 coats gloss enamel paint. FRAME FINISH IRONMONGERY 65x40x6mm thick mild steel plate locking lugs welded to door & frame. Provide approved 50mm brass padlock with hardened steel shackle</p>	<p>GATE NO. G2 QUANTITY 4 CODE NONE LOCATION KITCHEN, STORE 2 & CLASS ROOMS DOOR 2221x1930mm STEEL GATE OUT (OFF: 25x50x2mm mild steel) rectangular tubing frame & 25x25x1.6mm thick mild steel square tubing vertical. Intermediate with 12mm dia rods, welded to frame. FRAME FRAME: 25x50x2mm RECTANGULAR TUBING FRAME. FINISH Prime with zinc chromate primer & apply 1 undercoat & 2 coats gloss enamel paint. FRAME FINISH IRONMONGERY 65x40x6mm thick mild steel plate locking lugs welded to door & frame. Provide approved 50mm brass padlock with hardened steel shackle</p>	<p>DETAIL 1: GATE HINGE SECTION THROUGH HINGE TYPE 1.</p>	<p>DETAIL 2: PADLOCK PLATE 1/5</p>	<p>DETAIL OF WEATHER BOARD SCALE 1 : 2</p>	<p>DETAIL OF MEETING STYLE SCALE 1 : 2</p>

IMPLEMENTING CLIENT:

**NORTHERN CAPE PROVINCE
DEPARTMENT OF
ROADS AND PUBLIC WORKS**

**PROVINSIE VAN NOORD-KAAP
DEPARTEMENT VAN PAAIE
EN OPENBARE WERKE**



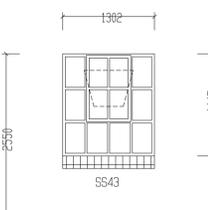
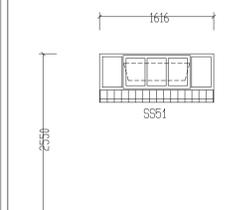
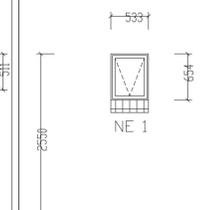
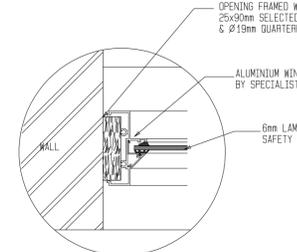
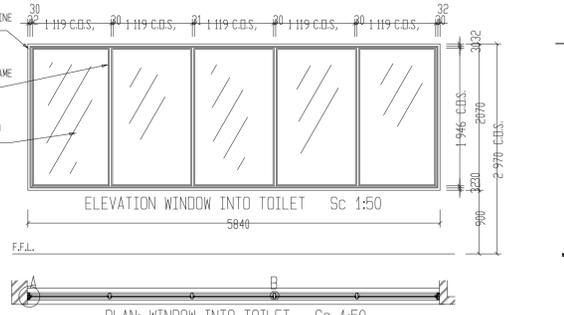
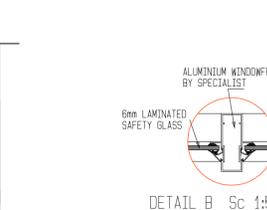
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ISEBE IEZO THUTHO INDELELA
NE LEZEMISEBENZI**

**PROFENSI YA KAPA BOKONE
LEFAPHALA
DITSELA LE DITIRO**

CLIENT:
DEPARTMENT OF EDUCATION

PROJECT:
**PROPOSED NEW CILLIE PRIMARY SCHOOL
FOR THE DEPARTMENT OF EDUCATION**

**CILLIE
NORTHERN CAPE**

					
<p>WINDOW NO. W1 MALL TYPE - 230 BRICK FACE BRICK QUANTITY 8 LOCATION CLASSROOMS FRAME 1445x1302mm Steel Frame painted. FRAME FINISH Gloss enamel painted GLAZING 3mm Clear float glass puttied in with steel window putty. CILL EXTERNAL - Face Brick INTERNAL - Plaster window cill B.BARS On Total window (opening and fixed sections) FINISH: Gloss enamel painted.</p>	<p>WINDOW NO. W2 MALL TYPE - 230 BRICK FACE BRICK QUANTITY 19 LOCATION CLASSROOMS, TOILETS & STORE FRAME 1616x511mm Steel Frame painted. FRAME FINISH Gloss enamel painted GLAZING 3mm Clear float glass puttied in with steel window putty. CILL EXTERNAL - Face Brick INTERNAL - Plaster window cill B.BARS On Total window (opening and fixed sections) FINISH: Gloss enamel painted.</p>	<p>WINDOW NO. W3 MALL TYPE - 230 BRICK FACE BRICK QUANTITY 8 LOCATION TOILETS CODE: NCT1S FRAME 654x533mm Steel Frame painted. FRAME FINISH Gloss enamel painted GLAZING 3mm Obscure glass puttied in with steel window putty. CILL EXTERNAL - Face Brick INTERNAL - Plaster window cill B.BARS On Total window (opening and fixed sections) FINISH: Gloss enamel painted.</p>	<p>DETAIL A Sc 1:5</p>	<p>ELEVATION WINDOW INTO TOILET Sc 1:50</p> <p>PLAN: WINDOW INTO TOILET Sc 1:50</p>	<p>DETAIL B Sc 1:5</p>

NOTES:
 GLOSS ENAMEL PAINT: 1 Coat factory applied red oxide, 1 coat universal undercoat and 2 coats approved gloss enamel paint in approved colour.
 BURGLAR BARS: made of 20x5mm mild steel bars, according to standard NBP2 pattern, to be welded at all intersections and against window frames. Provide in front of opening and fixed sections at all windows except at classrooms. (opening sections only) Burglar proofing to be bent 75mm away from glass surface at all fixed sections. Bars to run at the centres of the window panes.

Consultant:

kaho architects

KIMBERLEY
 42 PETRUS STREET
 HILLCREST / 8301
 Tel: 082 414 6824
 Fax: 086 6847 441
 kaho@mweb.co.za

DRAWING TITLE:
**BLOCK E
EARLY CHILD DEVELOPMENT
CENTRE CLASSROOM
DOOR & WINDOW SCHEDULES**
 SCALE 1 :100

Client signature: _____ **architect signature:** _____

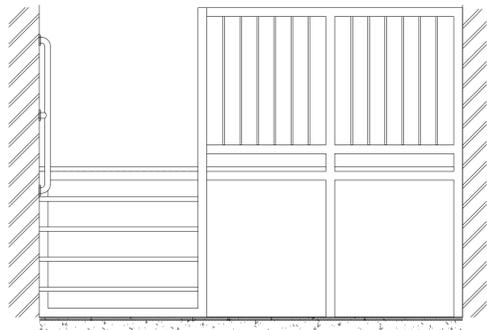
DRAWN BY: M. Modisa **DATE:** October 2018 **CHECKED:** _____

FILE NUMBER: _____ **SCALE:** _____

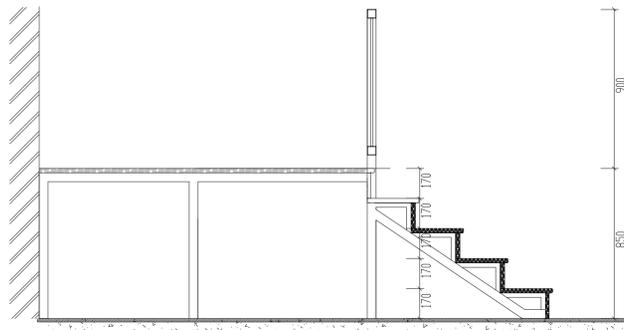
DRAWING NUMBER: 2018-CILLIE **REVISION:** 1:100

DRAWING STATUS: **DOUBLE ECD-405** **RO**

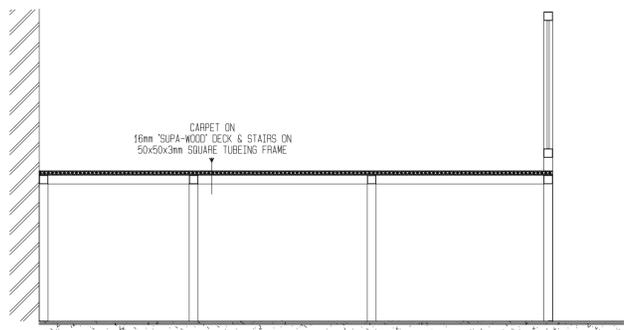
Info only **Tender** **For constr.**



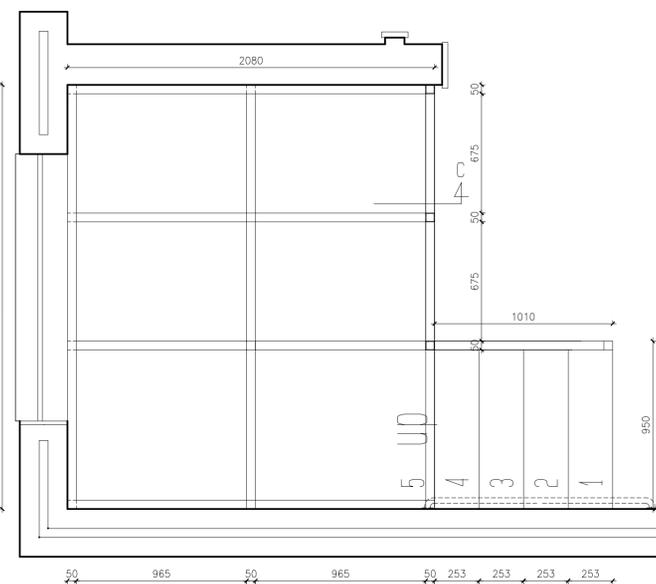
ELEVATION A



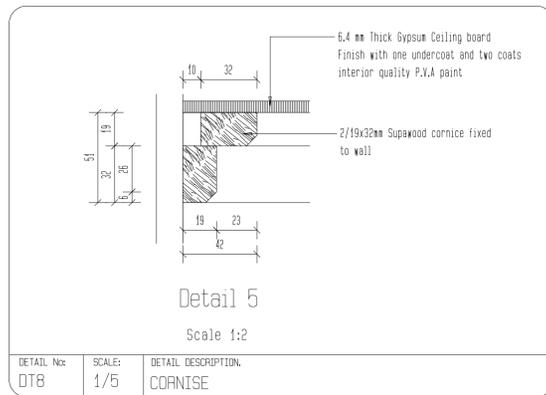
SECTION B



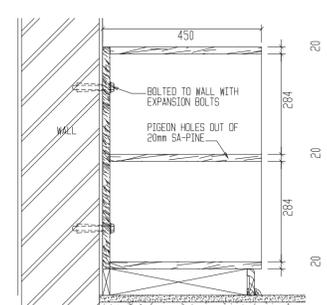
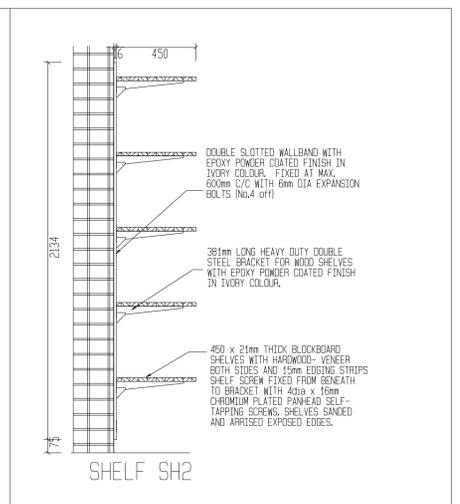
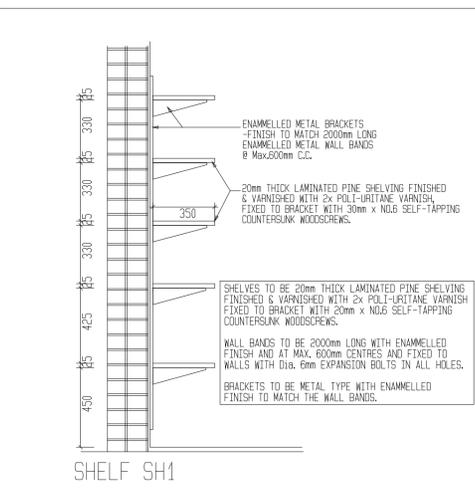
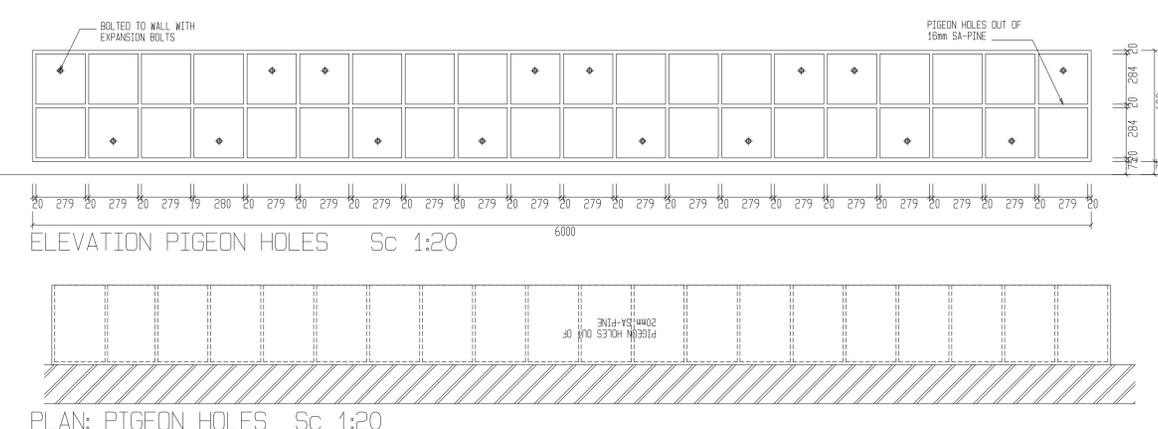
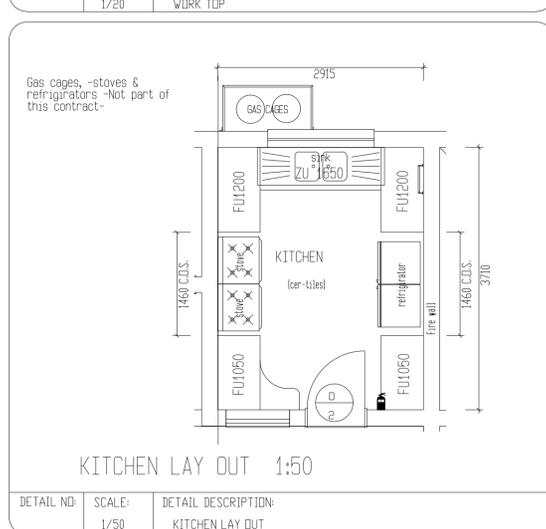
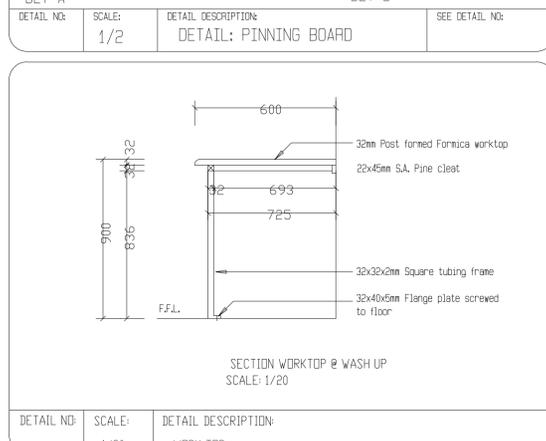
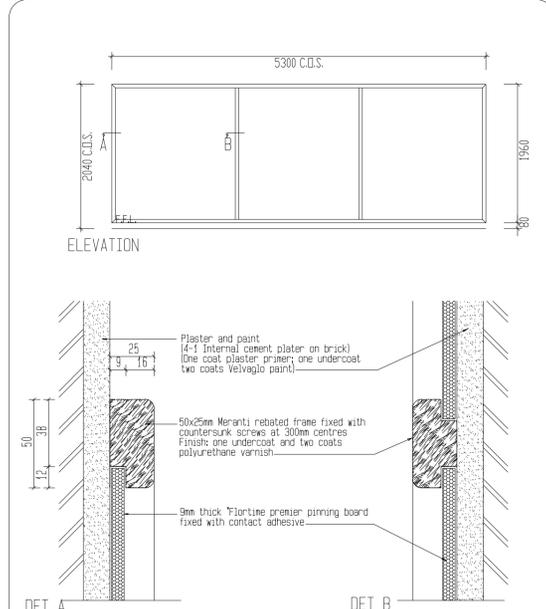
ELEVATION C



PLAN: STAIR CASE Sc 1:20



DETAIL No: 018 SCALE: 1/5 DETAIL DESCRIPTION: CORNISE



SECTION: PIGEON HOLES 1:10

MATERIAL SPECIFICATIONS	
ITEM	DESCRIPTION
WORKTOPS	- 600 x 32mm "Formica Lifeseal Worktop" modern square profile with tight radius with edging strips included on sides Colour: WHITE MYRIAD TEXTURED Finish: Standard
EXPOSED SHELVES	Type: B & C - 18mm thick medium density fibreboard, with Melamine Finish to both sides and PVC edge strips. Shelves to be fixed to steel brackets from beneath with 4mm diam. x 16mm chromium plated panhead selftapping screws. Colour: WHITE Type: B2 & C2 - 50 x 18mm slats. - medium density fibreboard, with Melamine Finish to both sides and PVC edge strips. Shelves to be fixed to steel brackets from beneath with 4mm diam. x 16mm chromium plated panhead selftapping screws. Colour: WHITE
B.I.C DOORS	- MELAWOOD 16mm thick medium density fibreboard, with Melamine Finish to both sides. Colour: CAMDEN Provide 16mm thick matching edging strip to all edges. - Hinges: MEPLA or GRASS ssp 180 heavy duty semi concealed hinge approved. - Handles: "SOLID" 11mm aluminium Bar Pull handles, with bolt through fixing. Product Code: AL578. Finish: Anodised Silver.
INTERNAL SHELVES (B.I.C ONLY)	- 18mm thick medium density fibreboard, with Melamine Finish to both sides and PVC edge strips. Colour: WHITE
CUPBOARD DIVISIONS	- 16mm thick medium density fibreboard, with Melamine Finish to both sides. Colour: WHITE Provide 4x 350 x 24mm B1583 brass plated shelf support strip with 4x brass plated brackets.
CUPBOARD SIDES	- 16mm thick medium density fibreboard, with Melamine Finish to both sides. Colour: Red Alder 693. Provide 16mm thick matching edging strip to front edges.
BACKING BOARD	- 3mm thick medium density fibreboard, with Melamine Finish to facing sides. Colour: WHITE
INTERNAL BEARERS	- 45 x 22mm Supawood bearers fixed underneath worktop and against wall.
FLOOR BEARERS	- 76 x 19mm thick Supawood with Melamine Finish to exposed sides and PVC edge strips. Colour: WHITE
QUADRANT	- 19mm diameter Meranti quadrant fixed to floor bearers ABOVE floor finish. Sand down and finish with clear polyurethane varnish.
DRAWER	- Drawer structure: SAME AS CUPBOARD DIVISIONS - Drawer front: SAME AS CUPBOARD DOORS - Runner: "Decor City Hardware: DS-7 Telescopic Slide" self closing drawer slide or similar approved. - Handles: SAME AS CUPBOARD DOORS.
PINNING BOARDS	- FLORTIME PREMIER pinning board glued on 12mm Chipboard backing with approved contact adhesive. Provide a 60 x 28mm Meranti frame with rebate for backing and pinning board on all 4 edges. Frame finish: Sand down and finish with clear polyurethane varnish. Pinning surface Colour: Misty Grey

ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND.
 ALL MATES MOST OF TERREIN NAGEGAAN WORD ALVORENS WERK IN NANYANG NIEDE.
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 ALLE WERK MOET VOLDOEN AAN PLAUSURE STAATSRAADS-REGULASIES.

Number	REVISION
Drawn by	
Date	XXXXXXXXXX
NO	
Material	XXXX04

NOTES:
 CONCRETE MIXTURE 5:4:1
 SCREED MIXTURE 5:1
 FLOOR COVERINGS TO OWNER'S CHOICE.
 TRUSSES 740 C/C, FIXED TO WALLS WITH 2mmx4mm ø WIRE BUILT INTO WALLS.
 TIE BEAMS 152mmx38mm. RAFTERS 114mmx38mm.
 76mmx38mm WALL PLATES.
 6mm GYPSUM BOARD CEILING.
 100mm CUTTER 76mm ø DOWNPIPES.
 READ DIMENSIONS IN PREFERENCE TO SCALING

ALL GRADE 6 TIMBER TO COMPLY WITH S.A.B.S. STANDARDS
 DRAINAGE NOTES:
 SOIL DRAIN 100 ø P.V.C.
 WASTEPIPES 38 & 52mm ø P.V.C.
 VENTPIPES 100mm ø P.V.C.
 IE'S AT EVERY BENT AND CHANGE OF DIRECTION
 SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE

GLASS IN WINDOWS:
 0-0,75 m 3mm
 0,75 m -1,5 m 4mm
 1,50 m -2,0 m 6mm
 SLIDING DOORS 6,5mm SAFETY GLASS & MARKER
 SKUIFDEURE 6,5mm VEILIGHEIDS GLAS EN MERKERS

IMPLEMENTING CLIENT:

**NORTHERN CAPE PROVINCE
 DEPARTMENT OF
 ROADS AND PUBLIC WORKS**

**PROVINSIE VAN NOORD-KAAP
 DEPARTEMENT VAN PAAIE
 EN OPENBARE WERKE**

**PHONDO LOMNTLA KAPA
 ISEBE IEZO THUTHO INDELELA
 NE LEZEMISEBENZI**

**PROFENSI YA KAPA BOKONE
 LEFAPHALA
 DITSELA LE DITIRO**

CLIENT:

DEPARTMENT OF EDUCATION

PROJECT:

**PROPOSED NEW CILLIE PRIMARY SCHOOL
 FOR THE DEPARTMENT OF EDUCATION**

**CILLIE
 NORTHERN CAPE**

Consultant:

KIMBERLEY
 42 PETRUS STREET
 HILLCREST / 8301
 Tel: 082 414 6824
 Fax: 086 6847 441
 kaho@mweb.co.za

DRAWING TITLE:

**BLOCK E
 EARLY CHILD DEVELOPMENT
 CENTRE CLASSROOM
 JOINERY SCHEDULE
 SCALE 1 :100**

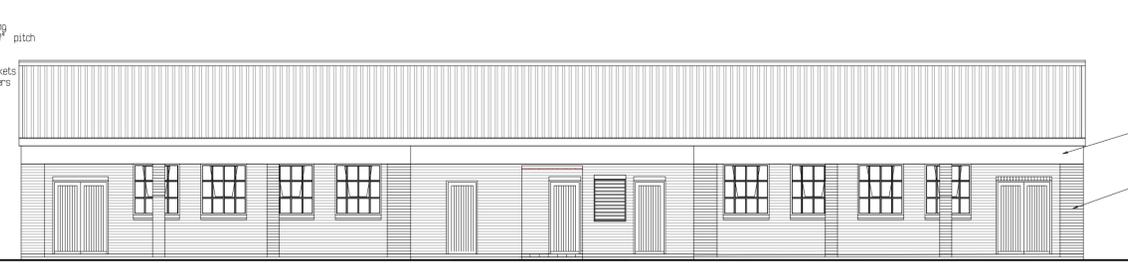
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DRAWN BY:	DATE:	CHECKED:
M. Modise	NOVEMBER 2018	
FILE NUMBER:	SCALE:	
2018-CILLIE	1:100	
DRAWING NUMBER:	REVISION:	
DOUBLE ECD-205	RO	
DRAWING STATUS:		
Info only	Tender	For constr.

ROOF :
0,6m Thick galvanised iron roof capping
0,6m Thick Galv. corrugated iron roofing @ 17° pitch
lead to manufacturers specification on
225x0,5m Thick galv. pressed profiled
metal fascia board with connecting clip brackets
and coverstrips - to be fixed to manufacturers
Specification or equal approved.



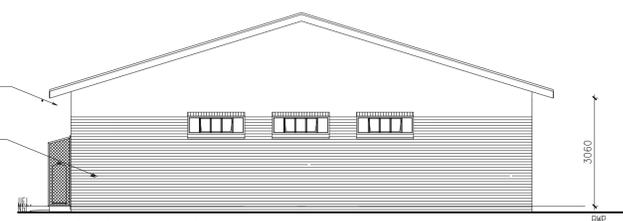
North-elevation
Scale 1:100

ROOF :
0,6m Thick galvanised iron roof capping
0,6m Thick Galv. corrugated iron roofing @ 17° pitch
lead to manufacturers specification on
225x0,5m Thick galv. pressed profiled
metal fascia board with connecting clip brackets
and coverstrips - to be fixed to manufacturers
Specification or equal approved.



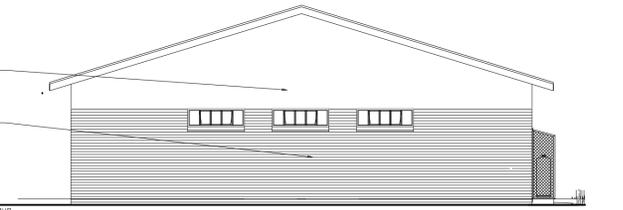
South-elevation
Scale 1:100

225x0,5m Thick galvanised pressed profiled
metal fascia board with connecting clip brackets
and coverstrips - to be fixed to manufacturers
Specification or equal approved.
Standard facebrick work in stretcher bond with all
joints to be 10mm deep square recessed on
plaster and paint finish (Micatex) as specified.
Exposed rafters at roof overhangs and
to be treated with
two coats Carbolinium Sealant.

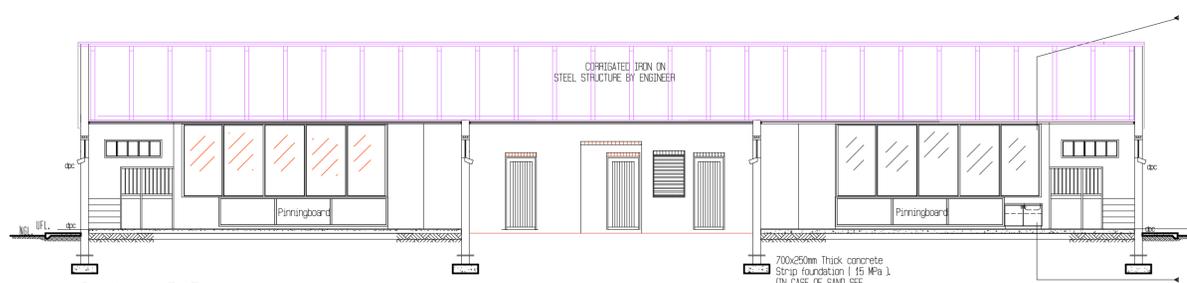


West-elevation
Scale 1:100

225x0,5m Thick galvanised pressed profiled
metal fascia board with connecting clip brackets
and coverstrips - to be fixed to manufacturers
Specification or equal approved.
Standard facebrick work in stretcher bond with all
joints to be 10mm deep square recessed on
plaster and paint finish (Micatex) as specified.
Exposed rafters at roof overhangs and
to be treated with
two coats Carbolinium Sealant.

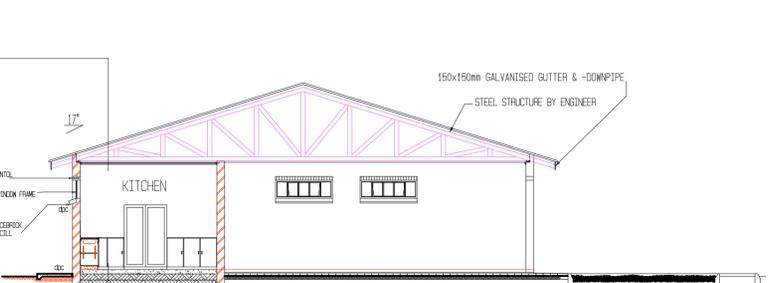


East-elevation
Scale 1:100



Section B-B
Scale 1:100

0,6m Thick Galv. corrugated iron roofing @ 17° pitch
lead to manufacturers specification on
75x50mm S4 Pine purlins on
Pre - Fabricated roof truss system at max. 1100mm CC on
SILAFLEX 420 insulation on
114x68mm S4 Pine plate treated with
two coats Carbolinium sealer to all sides prior to fixing on
RFB Gypsum steel underlayment to be installed as specified on
max. 40mm centres in one direction only for
6,4m Thick Gypsum Ceiling board with
38x26mm Thick Meranti coverstrip at joints.



Section A-A
Scale 1:100

64x12mm Thick Meranti skirting board with
12mm Quarter round mould to wall. All tiles to
300x300x15mm Thick Non slip ceramic floor tiles on
25mm Thick cement screed on
80mm Thick concrete surface bed on
25mm Thick riversand blinding
250 Polthene waterproofing membrane-GUNPLAS UEG GREEN-
All side over laps sealed with 'RAMPLAS' -sensitive tape on
Compacted ground filling in layers of
maximum 150mm thick (93 % ASHTO).
15mm Thick Bitumen impregnated insulation
board between edge of surface bed and
exceeding 300mm thick and brick walls.
POISONING - of ground against termites , all
external foundation walls , foundations , concrete
surface beds with - CHLORANE PHTHALATES
ALDRIN or other approved to comply with
SABS D124 , with 25mm thick riversand over poison
PROVIDE - A Certificate for poisoning of ground to the Department

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ALLE WERK MOET VOLDOEN AAN PLAASLIKE STAATSRAADS-REGULASIES.

Number	REVISION
Drawn by	
Date	XXXXXXXXXX
Material	XXXXXXXXXX

NOTES:
CONCRETE MIXTURE 5:4:1
SCREED MIXTURE 5:1
FLOOR COVERINGS TO OWNER'S CHOICE.
TRUSSES 740 C/C, FIXED TO WALLS WITH 2mmx4mm o WIRE BUILT INTO WALLS.
TIE BEAMS 152mmx38mm, RAFTERS 114mmx38mm.
76mmx38mm WALL PLATES.
6mm GYPSUM BOARD CEILINGS
100mm GUTTER 76mm o DOWNPIPES.
READ DIMENSIONS IN PREFERENCE TO SCALING
ALL GRADE 6 TIMBER TO COMPLY WITH S.A.B.S. STANDARDS
DRAINAGE NOTES:
SOIL DRAIN 100 o P.V.C.
WASTEPIPES 38 & 52mm o P.V.C.
VENTPIPES 100mm o P.V.C.
IE'S AT EVERY BENT AND CHANGE OF DIRECTION
SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE
GLASS IN WINDOWS:
0-0,75 m 3mm
0,75 m -1,5 m 4mm
1,50 m -2,0 m 6mm
SLIDING DOORS 6,5mm SAFETY GLASS & MARKER
SKUIFDEURE 6,5mm VEILIGHEIDS GLAS EN MERKERS

IMPLEMENTING CLIENT:
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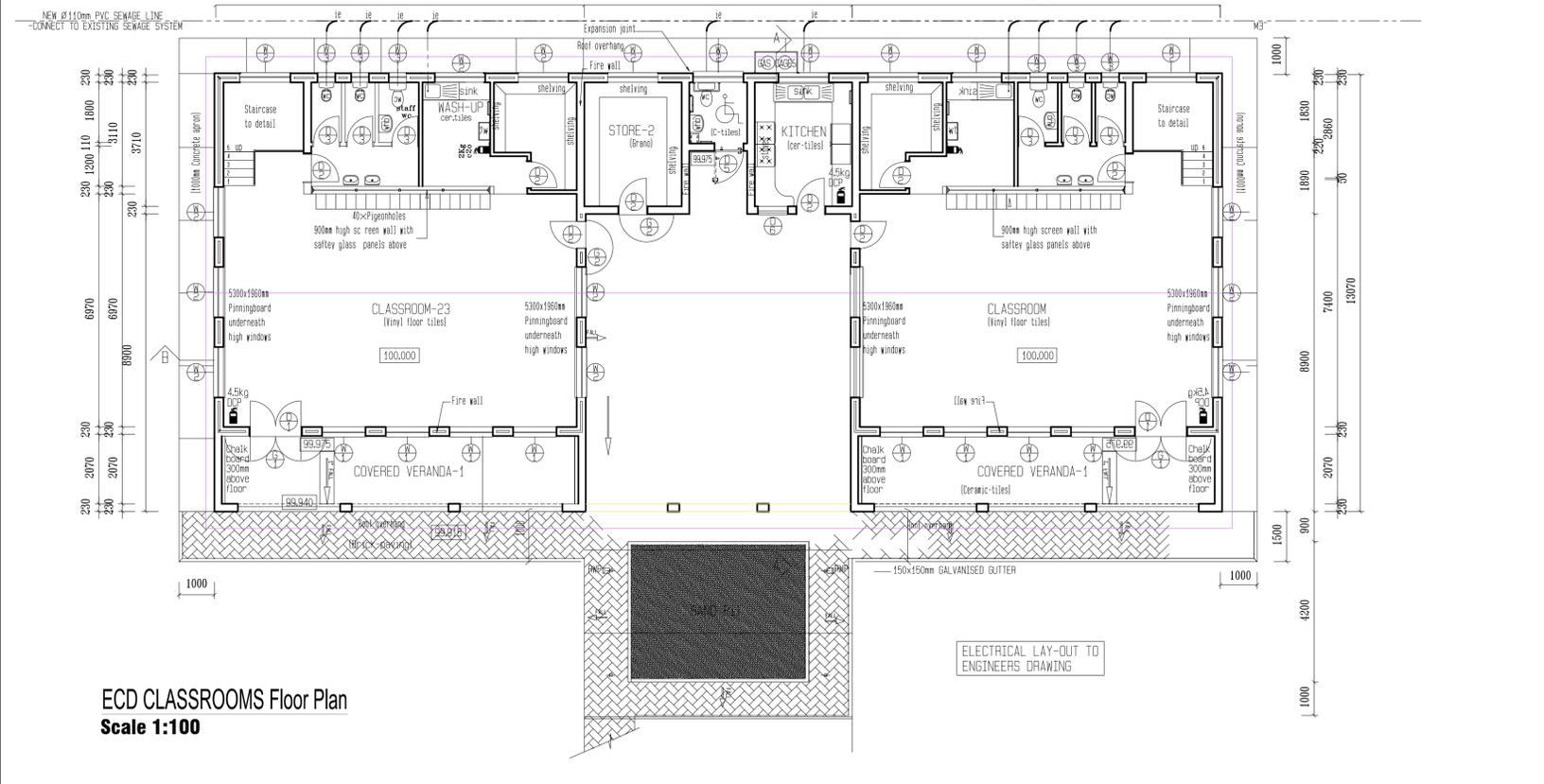
CLIENT:
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Consultant:
kaho architects
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kaho@mweb.co.za

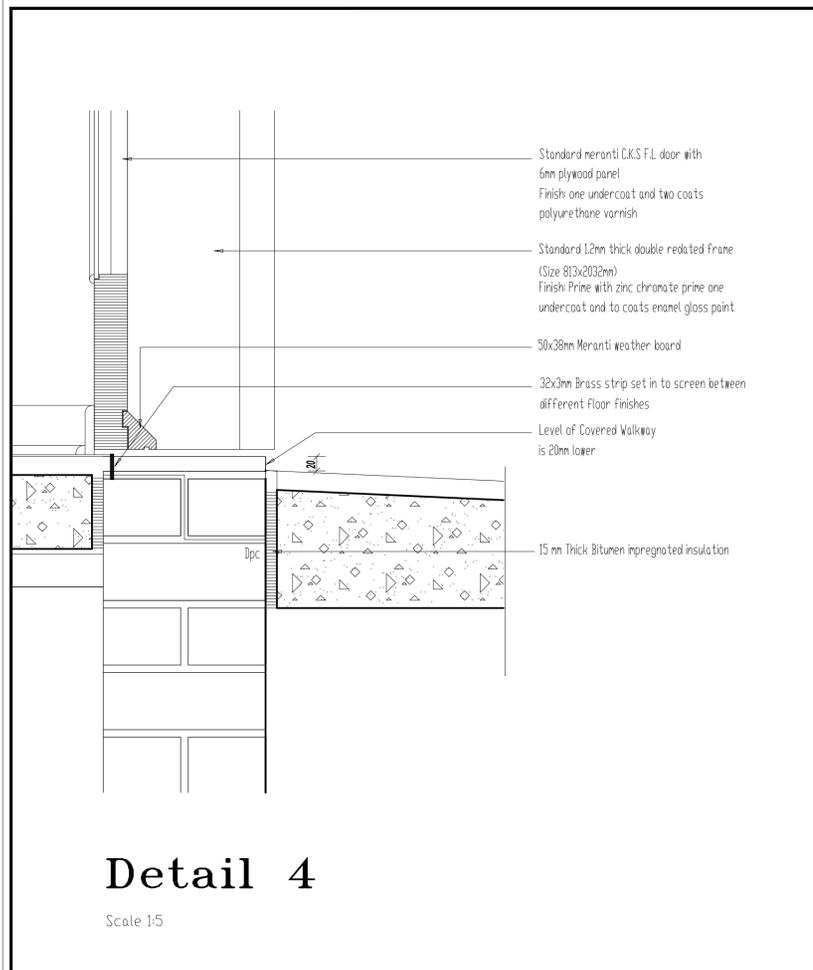
DRAWING TITLE:
**BLOCK E
EARLY CHILD DEVELOPMENT
CENTRE CLASSROOM
PLAN, SECTION & ELEVATIONS**
SCALE 1:100

Client signature	architect signature	
DRAWN BY: M. Modise	DATE: October 2018	CHECKED:
FILE NUMBER: 2018-CILLIE	SCALE: 1:100	REVISION: RO
DRAWING STATUS: Info only	Tender	For constr.



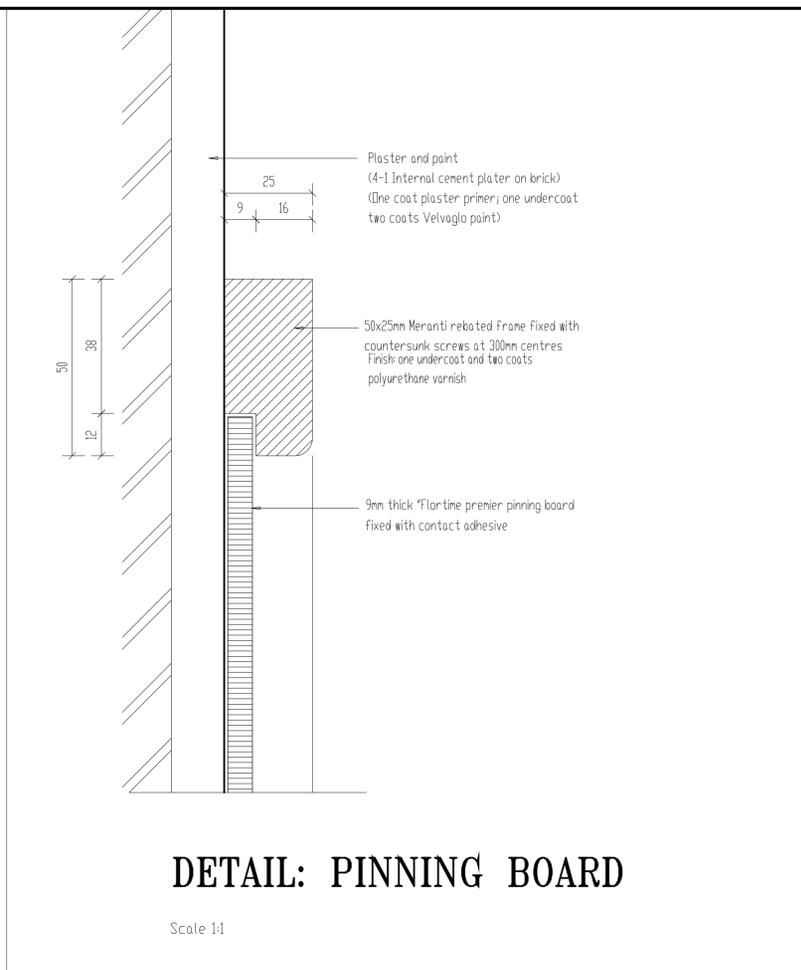
ECD CLASSROOMS Floor Plan
Scale 1:100

ELECTRICAL LAY-OUT TO
ENGINEERS DRAWING



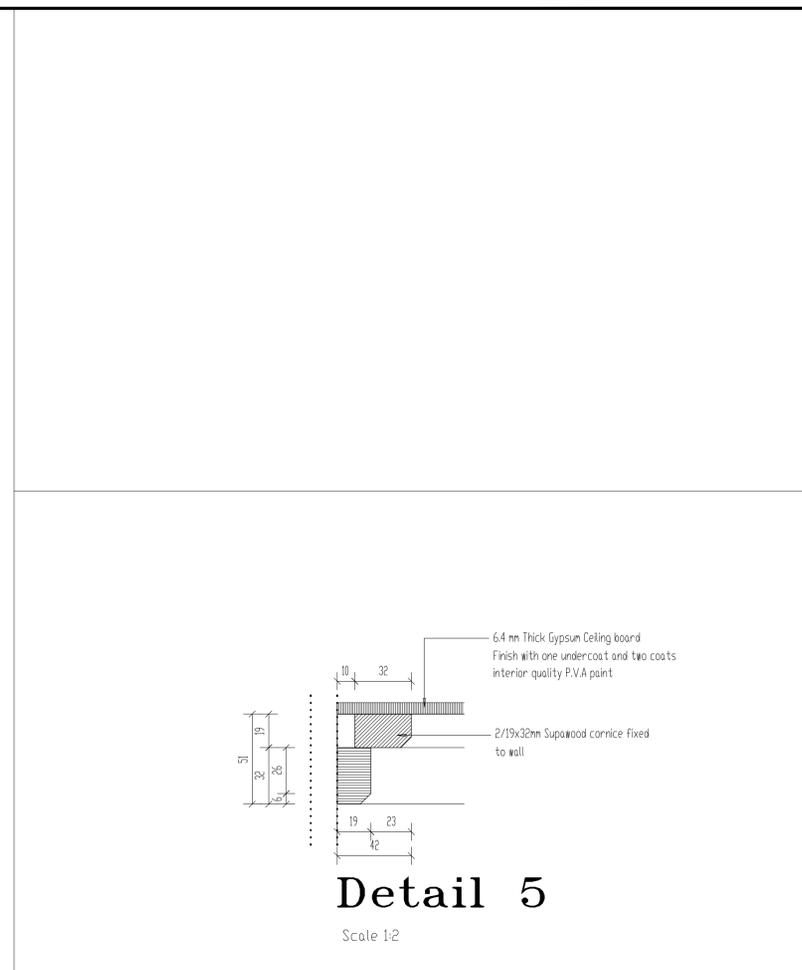
Detail 4

Scale 1:5



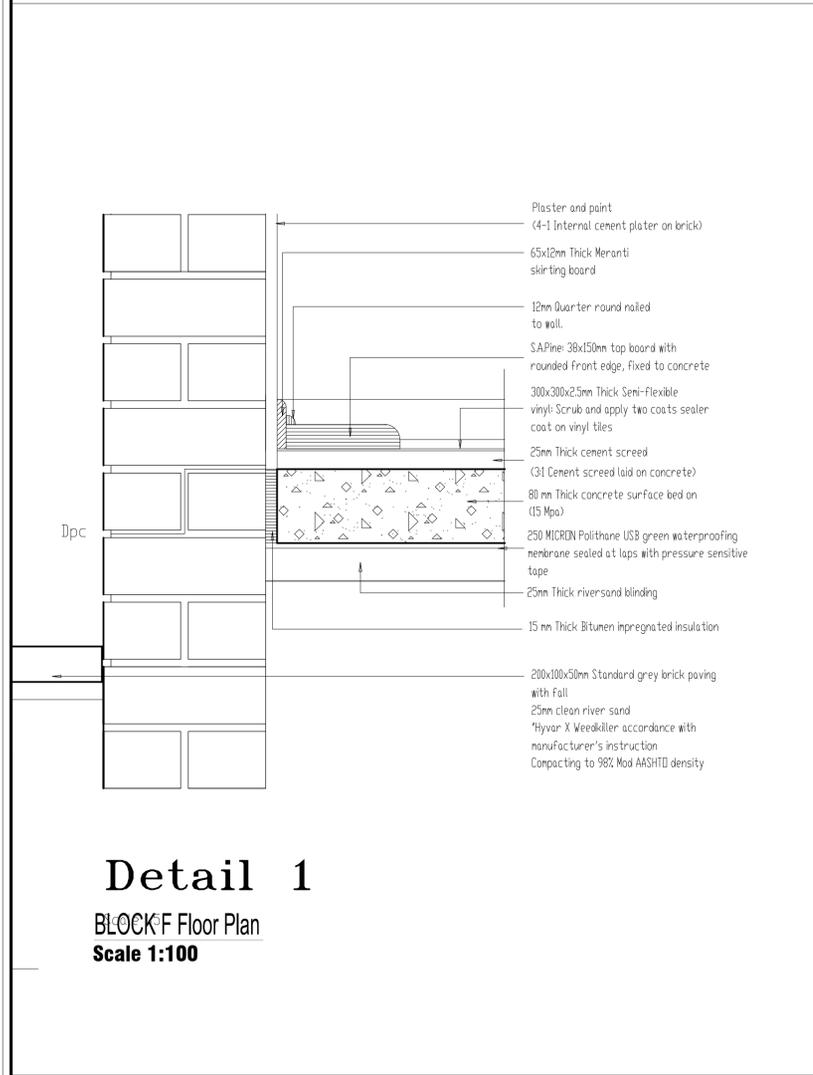
DETAIL: PINNING BOARD

Scale 1:1



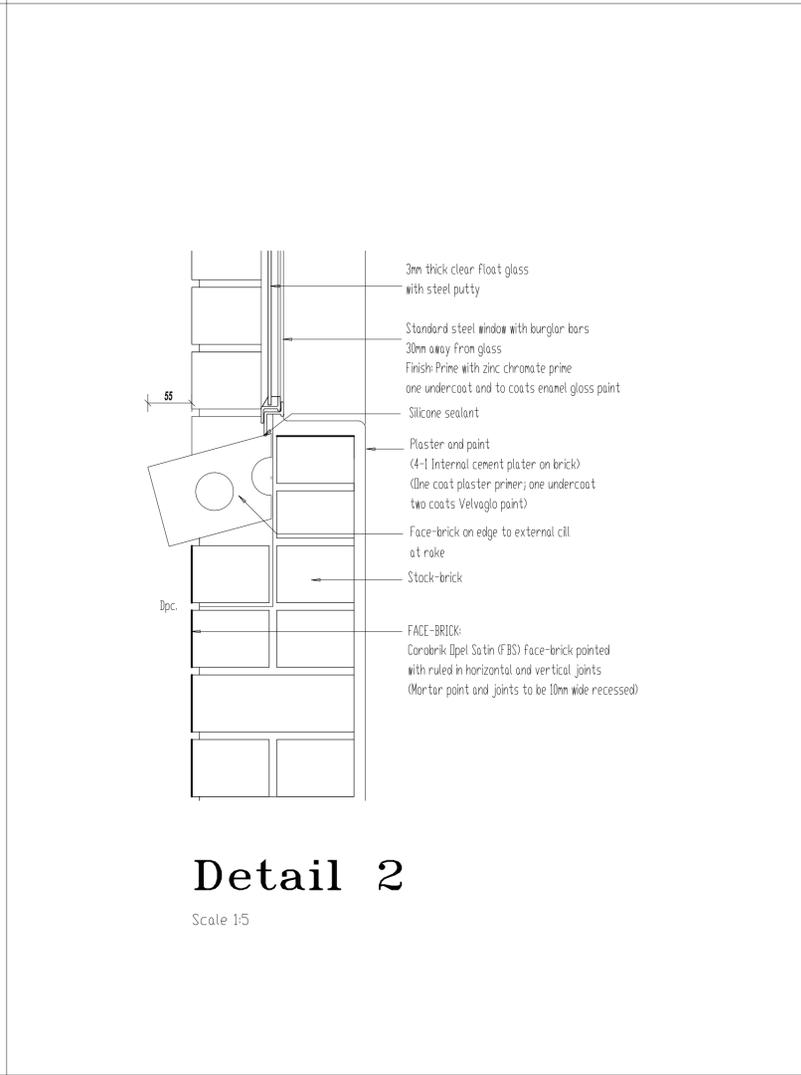
Detail 5

Scale 1:2



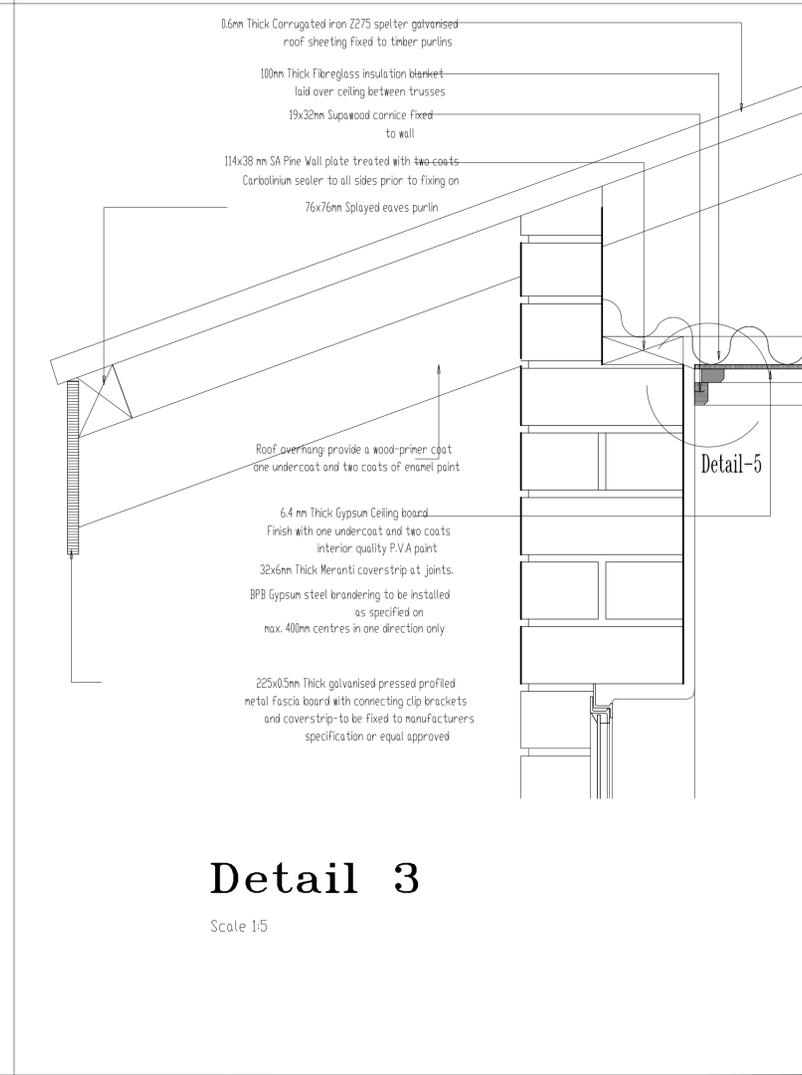
Detail 1

BLOCK F Floor Plan
Scale 1:100



Detail 2

Scale 1:5



Detail 3

Scale 1:5

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Number	REVISION
Drawn by	
Date	
NO	XXXXXXXXXX
Material	XXXXXX

NOTES:
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SCREED MIXTURE 5:1
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IE'S AT EVERY BENT AND CHANGE OF DIRECTION
SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE
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SKUIFDEURE 6,5mm VEILIGHEIDS GLAS EN MERKERS

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NORTHERN CAPE**

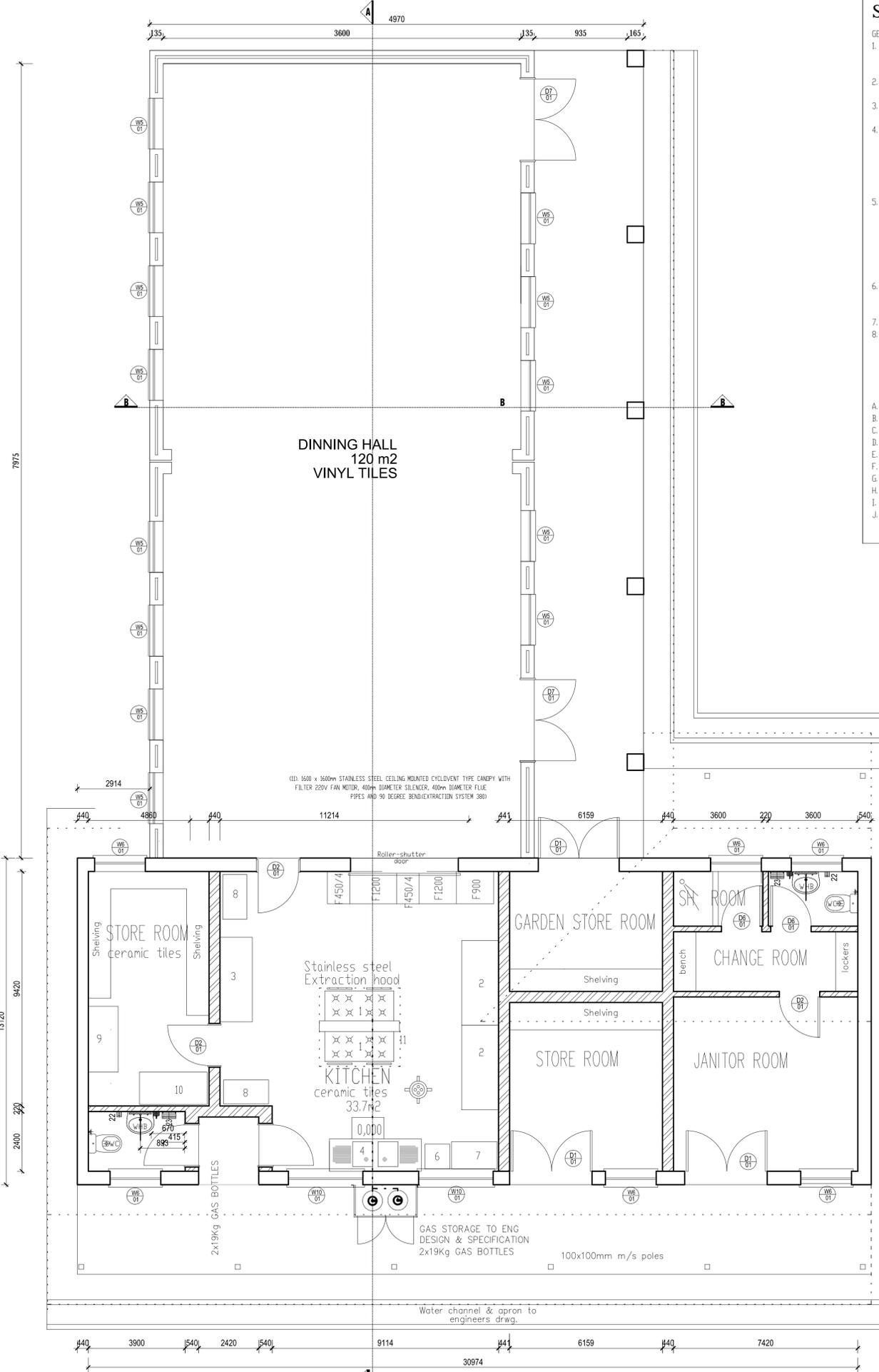
Consultant:

KIMBERLEY
42 PETRUS STREET
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Tel: 082 414 8824
Fax: 086 8847 441
kaho@mweb.co.za

DRAWING TITLE:
**BLOCK E
EARLY CHILD DEVELOPMENT
CENTRE CLASSROOM
DETAILS**

SCALE 1:5

Client signature	architect signature	
DRAWN BY:	DATE:	CHECKED:
M. Modise	October 2018	
FILE NUMBER:	SCALE:	
2018-CILLIE	1:100	
DRAWING NUMBER:	REVISION:	
DOUBLE ECD-305	RO	
DRAWING STATUS:		
Info only	Tender	For construc.



NUTRITION CENTRE PLAN
Scale 1:100

AREA: 33.7m²

SLEUTEL

- GENERAL NOTES:
- CONTRACTOR TO VERIFY ALL LEVELS, HEIGHTS & DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
 - LARGE SCALE DRAWINGS ENJOY PREFERENCE OVER SMALL SCALE DRAWINGS.
 - DO NOT SCALE DRAWINGS, DIMENSIONS ONLY TO BE USED.
 - DAMAGE TO UNKNOWN SERVICES - THE CONTRACTOR'S LIABILITY WHEN HE ENCOUNTERS UNKNOWN SERVICES IS TO NOTIFY THE ARCHITECT THEREOF IMMEDIATELY AND TO SUSPEND ALL AFFECTED WORK IN THE IMMEDIATE VICINITY UNTIL WRITTEN INSTRUCTION TO PROCEED HAS BEEN GIVEN BY THE ARCHITECT.
 - IF ANY PARTICULARS OR THE MEANING OF THE DESCRIPTION OF ANY ITEM IS NOT CLEAR OR IS AMBIGUOUS, INDISTINCT OR CAUSES CONFUSION AS TO ITS MEANING OR IF ANY OBVIOUS ERROR OCCURS ON THE DRAWINGS, THE CONTRACTOR MUST INFORM AGC IMMEDIATELY IN ORDER TO HAVE THE ERROR CORRECTED OR EXPLAINED, AS THE CASE MAY BE.
 - CONTRACTOR TO CONFIRM ELECTRICAL LAY-OUT AND LIGHT FITTING TYPES WITH CLIENT PRIOR TO COMMENCEMENT OF ANY BUILDING WORK.
 - COPYRIGHT RESERVED BY AGC.
 - ALL WORK TO BE EXECUTED IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND THE LOCAL BY-LAWS & REGULATIONS. FOLLOWING TRADES TO BE CARRIED OUT IN ACCORDANCE WITH SABS CODES AND STANDARDS INDICATED:
 - A. STRUCTURAL CONCRETE: SABS-0100
 - B. HANDRAILS & BALUS-TRADING-SABS-0104
 - C. GLAZING-SABS-0137
 - D. FOUNDATIONS-SABS-0161
 - E. STRUCTURAL STEEL-SABS-0162
 - F. STRUCTURAL TIMBER-SABS-0163
 - G. STRUCTURAL MASONRY-SABS-0164
 - H. CHIMNEYS-SABS-0400 V.V.1 - V.V.4
 - I. GEYSERS-SABS-0254
 - J. FIRE REQUIREMENTS-SABS - PART 1

CONSTRUCTION NOTES

- STRIK FOUNDATIONS - 500 x 250mm THICK FOR HALF BRICK WALLS. 700 x 250mm THICK FOR ONE BRICK WALLS AND 900 x 250mm THICK FOR ONE BRICK WALLS WHERE SOLES ARE SEPARATED BY 10mm THICK BITUMEN IMPREGATED SOFT BOARD CONCRETE STRIP FOUNDATION ACCORDING TO STRUCTURAL ENGINEER'S DRAWINGS. TOP OF FOUNDATION TO BE 240mm MINIMUM BELOW NGL. FOR ENVIRONMENTAL PITS, REFER TO DETAIL DRAWINGS OF FOUNDATION LAYOUT. PROVIDE TEST COUBES (PER 15m² OR 1 PER BATCH).
- FILLING - IN GENERAL, APPROVED FILLING COMPACTED TO 95% MDD. AASHTO DENSITY IN LAYERS OF MAXIMUM 150mm. PLEASE REFER TO ENGINEER'S DRAWINGS FOR DETAIL IN CASE OF POOR SOIL CONDITIONS. MINIMUM OF 100mm FILLING TO BE PROVIDED ABOVE NATURAL OR COMPACTED GROUND LEVEL. ALL FILLING TO BE APPROVED BY ENGINEER (IMPORTED FILLING TO BE MINIMUM 05 OR 07 MATERIALS PER ENGINEER'S DRAWINGS. CORRECTION TEST TO BE PROVIDED AT A RATE OF ONE TEST PER 100m² FILLING AREA PER EACH LAYERS. 150mm COMPACTED FILLING TO BE TREATED WITH ANF POWDER OF THE CHLORANE OR ALDRIN TYPE APPLIED AT A RATE NOT LESS THAN SLITRES OF SOLUTION OF POISON PER m² BY A FIRM OF SPECIALISTS. ANY POISON TO BE PROVIDED UNDER ALL FLOORS AND TO SIDES AND BOTTOMS OF TRENCHES. CONTRACTOR TO PROVIDE FIVE YEAR WARRANTY.
- Surfacedbs & floors:**
 - SURFACE BED - 80mm THICK CONCRETE SURFACE BED AS DESCRIBED IN STRUCTURAL ENGINEER'S DRAWINGS ON JOB GREEN 250mm WATERPROOFING MEMBRANE SURFACE BED CAST IN ALTERNATIVE SECTIONS OF MAXIMUM 20m² WITH SAW CUT JOINTS WITH JOINTS FILLED UP WITH POLYSULFIDE SEALER. ALL SAW CUT JOINTS TO BE DONE WITHIN 24 HOURS AFTER CASTING OF CONCRETE. PROVIDE 10mm THICK BITUMEN IMPREGATED SOFT BOARD BETWEEN ALL WALLS AND CONCRETE AND SEAL JOINT WITH POLYSULFIDE SEALER. PROVIDE MESH REF. NO. 193 AS PER STRUCTURAL ENGINEER'S DRAWINGS. PROVIDE TEST COUBES (1 PER 15m² OR 1 PER BATCH).
 - SCREED AND FLOOR FINISH - 300 x 300 x 6mm UNID TERRAZOTA-C-230 (TE545 30x30) CERAMIC FLOOR TILES FIXED WITH ADHESIVE ON 14 STEEL FLOATED SCREED TO MAXIMUM THICKNESS OF 30mm. APPLY WATERPROOFED GROUT. COLOUR DARK GREY. PROVIDE DARK GREY SILICONE EXPANSION JOINTS EVERY 20m.
 - 30mm GRANULITHIC SCREED STEEL FLOATED TO A SMOOTH FINISH.
 - APRON - 1000mm WIDE 15% MASS CONCRETE APRON WITH WOOD FLOATED FINISH. APRON TO BE CAST IN ALTERNATIVE SECTIONS IN LENGTHS OF MAXIMUM 5m & TO HAVE A 1000 FALL AWAY FROM BUILDING.
 - RAINWATER CHANNELS - 395 x 175mm HALF RIBBED CONCRETE TYPE BP PRECAST CONCRETE RAINWATER CHANNELS IN 95mm LENGTHS WITH 230mm WIDE x 100mm DEEP SEGMENTAL ARCH WATERWAY.
- SKIRTINGS:
 - 330 x 330 x 6mm UNID TERRAZOTA-C-230 (TE545 330 x 330) CERAMIC FLOOR TILES, CUT TO 75mm HIGH AND WITH ADHESIVE TO WALLS. APPLY WATERPROOFED GROUT. COLOUR DARK GREY.
 - 12 x 75mm HIGH GRANULITHIC SKIRTING WITH ROUNDED TOP EDGE.
- Walls & Structure:**
 - EXTERNAL WALLS - BERGENDAL BLEND SATIN FACE BRICKS IN STRETCHER BOND WITH 10mm WIDE x 6mm DEEP SQUARE RECESSED JOINTS.
 - BRICKWORK - BRICKWORK TO ITS AND 230mm FOUNDATION WALLS - EVERY 8TH COURSE. OVER OPENINGS FORMED IN BRICKWORK AS PER TABLE BELOW.
 - LINTEL - BERGENDAL BLEND SATIN BRICK-ON-EDGE FACE BRICK LINTEL OVER ALL WINDOWS AND DOOR OPENINGS WITH 10 x 6mm SQUARE RECESSED JOINTS.
 - IPC - 375 MODERN BLACK IPC IN WALLS AT FLOOR LEVEL AND UNDER ALL WINDOW SILLS.
 - INTERNAL WALLS - ONE COAT SMOOTH 15% CEMENT PLASTER FINISH OFF WITH ONE COAT PLASTER PRIMER (UC50) AND TWO COATS PLASTER POLYVIN WALLS & CEILINGS (EPL) PVA PAINT. COLOUR BROKEN WHITE (EPL314).
 - INTERNAL WALLS - 150 x 150 x 3mm FIRST GRADE TILE AFROPA VV-4 WHITE MATT GLAZED CERAMIC TILES TO DOOR HEIGHT FIXED WITH APPROVED ADHESIVE TO PLASTER BAKING AND WITH WHITE WATERPROOFING TILING GROUT. PROVIDE CLEAR SILICONE SEALANT AT EDGES BETWEEN TILES AND FITTINGS.
 - ALL EXPOSED EXPANSION JOINTS IN WALL AND FLOORS TO BE FILLED IN WITH URDICHEN 205 POLYSULFIDE JOINT SEALANT AFTER SURFACES HAVE BEEN PRIMED WITH URDICHEN 614 PRIMER.
- Window Sills:**
 - KITCHEN INTERNAL WINDOW SILLS - 150 x 150 x 3mm FIRST GRADE TILE AFROPA VV-4 WHITE MATT GLAZED CERAMIC TILES FIXED WITH APPROVED ADHESIVE TO PLASTER BAKING AND WITH WHITE WATERPROOF TILING GROUT.
 - STORE ROOMS AND TUCKSHOP INTERNAL WINDOW SILLS - 15 x 150mm NUTEC-CEMENT WINDOW SILLS BEDDED IN 14 CEMENT MORTAR PRIME WITH ONE COAT PLASTER MULTI-SURFACE PRIMER (WSP) AND APPLY TWO COATS PLASTER POLYVIN WALLS & CEILINGS (EPL) PVA PAINT. COLOUR MULLICA (EPL175).
 - EXTERNAL - BERGENDAL BLEND SATIN BRICK-ON-EDGE SLOPING SILL TO MATCH WALLS WITH 10 x 6mm SQUARE RECESSED JOINTS.
- Ceiling & Cornice:**
 - CORNICE - 70mm MERANTI CONCRETE MAILED TO WALL AT 400mm CENTRES. MAXIMUM SAND DOWN TO A SMOOTH FINISH. STOP WITH POLYCELL WOODFILLER, STAIN WITH PLASTER WOODCARE STAIN (W-RANGE) COLOUR MERANTI. APPLY ONE COAT PLASTER WOODCARE ULTRA VARNISH (044), THINNE WITH 13 MINERAL TURPENTINE (A20) AND THEN APPLY TWO FINISHING COATS PLASTER WOODCARE ULTRA (044) SUEDE VARNISH TO CORNICES.
 - CEILING - 6mm EVERITE NUTEC FIBRE-CEMENT BOARDS MAILED TO 38 x 38mm SAP BRANDBERGER AT 400mm CENTRES. MAXIMUM WITH GALVANISED CLOUT NAILS. PROVIDE 40mm PERFORATED GALVANISED IDENTIFYING IDENTIFYING STRIPS TO BE PRE-FINISHED. PRIME CEILING WITH ONE COAT PLASTER MULTI-SURFACE PRIMER (WSP) AND FINISH OFF WITH TWO COATS PLASTER POLYVIN SUPER ACRYLIC (EPL) PVA PAINT. COLOUR WHITE (EPL30). PROVIDE 80mm AEROLITE INSULATION ON TOP OF CEILING (OPTIONALLY ONLY).
 - 600 x 600mm TRAP DOOR
- Roof & Facia:**
 - ROOF SHEETING - 0.58mm GALVANISED ZIEF SHEETING ON 50x75mm SAP PURLINS AT MAXIMUM 1200mm CENTRES ON PATENT AND APPROVED PRE-FABRICATED TRUSS SYSTEM.
 - RIDGE AND HIP FLASHINGS - 0.8mm GALVANISED SHEET IRON STANDARD FACTORY MANUFACTURED FK3 RIDGE OR HIP FLASHING WITH GLOBALCOAT FINISH (COLOUR TRAFFIC GREEN).
 - BARGE FLASHING OVER BARGE BOARDS AT LOUVERS - 0.8mm GALVANISED SHEET IRON STANDARD FACTORY MANUFACTURED FK3 BARGE OR GABLE FLASHING WITH GLOBALCOAT FINISH (COLOUR TRAFFIC GREEN).
 - FLASHINGS AT BOTTOM OF LOUVERS - 0.8mm GALVANISED SHEET IRON STANDARD FACTORY MANUFACTURED FK3 HEADWALL FLASHING AND FK3 COUNTER FLASHING WITH GLOBALCOAT FINISH (COLOUR TRAFFIC GREEN).
 - FASCIAS - 10 x 225mm EVERITE NUTEC-CEMENT FASCIA BOARDS SCREW FIXED TO TRUSS ENDS AND COUNTER BATTEN WITH COUNTERSUNK BRASS SCREWS. BARGE BOARDS - 210 x 210mm EVERITE SOCKETED BARGE BOARDS SCREW FIXED TO PURLINS WITH COUNTERSUNK BRASS SCREWS. PRIME FASCIAS AND BARGE BOARDS WITH ONE COAT PLASTER MULTI-SURFACE PRIMER (WSP) AND FINISH OFF WITH TWO COATS PLASTER POLYVIN WALLS & CEILINGS (EPL) PVA PAINT. COLOUR WHITE (EPL30).
 - TRUSS SYSTEM - PATENT AND APPROVED TIMBER PRE-FABRICATED TRUSS SYSTEM AT MAXIMUM 1200mm CENTRES. 38 x 114mm SAP WALL PLATE TO BE CROSSLITE TREATED BEFORE FIXING. TRUSS MANUFACTURER TO PROVIDE CERTIFICATE AND GUARANTEE FOR DESIGN AND ERECTION OF TRUSSES AS WELL AS DETAILED SHEP DRAWINGS. ALL SECTIONS IN CONTACT WITH WET TRADES TO BE CARBONILUM TREATED BEFORE FIXING. IN POSITION, TRUSSES TO BE SECURED TO WALLS WITH 25mm DIAMETER GALVANISED STEEL WIRE TIES, BUILT INTO WALLS MINIMUM 6 COURSES. ALL EXPOSED PARTS OF TRUSSES, PURLINS, ETC. TO BE Sanded SMOOTH, SEAL WITH PLASTER KNIT SEAL (PK2), PRIME WITH ONE COAT PLASTER WOOD PRIMER (UC2) AND APPLY TWO COATS PLASTER ENAMEL DOORS & TRIMS PAINT. COLOUR WHITE (EPL30).
 - GUTTERS - 100 x 100mm HIGH GUTTERS FORMED OF 0.58mm GALVANISED SHEET IRON WITH GLOBALCOAT FINISH (COLOUR TRAFFIC GREEN). ALL BRACKETS ETC. TO BE PRE-COATED WITH GLOBALCOAT TO MATCH COLOUR OF GUTTERS.
 - DOWNPIPES - 100 DIAMETER DOWNPIPES FORMED OF 459 GALVANISED SHEET IRON WITH GLOBALCOAT FINISH (COLOUR TRAFFIC GREEN). ALL BRACKETS, ETC. TO BE PRE-COATED TO MATCH COLOUR OF DOWNPIPES.

Fittings:

- "ANVIL CODE BTG000" FLOOR STANDING LPG GAS OPERATED SIX STAGGERED OPEN BURNER TYPE BOILING TABLE. 1250mm LONG x 830mm WIDE x 830mm HIGH WITH CAST IRON SUPPORT CASTERS. EPOXY POWDER COATED FRAMEWORK AND TUBULAR LEGS. EACH BURNER INDIVIDUALLY CONTROLLED BY CONTROL VALVES AND WITH A TOTAL OUTPUT OF 18000 BTU/HOUR.
- "OMI CATERING EQUIPMENT MANUFACTURERS" STAINLESS STEEL PLAIN TOP TABLE 1700 x 760 x 900mm HIGH. MOUNTED ON EPOXY POWDER COATED TUBULAR LEGS AND WITH TUBULAR STAINLESS STEEL SHELF BELOW.
- "OMI CATERING EQUIPMENT MANUFACTURERS" STAINLESS STEEL DOUBLE BOWL POT SINK WITH TWO CENTRE SINKS AND WITH 150mm REAR AND RIGHT SIDE SPLASHBACKS. 1700 x 760 x 900mm HIGH. MOUNTED ON EPOXY POWDER COATED TUBULAR LEGS AND WITH TUBULAR STAINLESS STEEL SHELF BELOW.
- "OMI CATERING EQUIPMENT MANUFACTURERS CODE KU500000" INSET EXTERMINATOR 650mm LONG x 75mm DEEP x 300mm HIGH. 8.4kw. 230V. 408hp. WITH 2 x 20W HIGH ATTRACTION BLACK LIGHTS. ELECTRO PLATED EXTERMINATOR GRIDS, ANODISED ALUMINIUM FINISH AND COVERAGE APPROXIMATELY 50m².
- FLOOR STANDING PLATFORM SCALE, 295 x 210mm. 200kg CAPACITY x 50kg INCREMENTS. DIGITAL READOUT AND WITH BATTERY/MAINS - 230V.
- "OMI CATERING EQUIPMENT MANUFACTURERS CODE STE000000" FOUR TIER VEGETABLE RACK, 915mm LONG x 350mm DEEP x 1670mm HIGH.
- "OMI CATERING EQUIPMENT MANUFACTURERS CODE GUD000000" FOUR TIER STAINLESS STEEL SHELVING SYSTEM, 915mm LONG x 455mm DEEP x 830mm HIGH.
- "OMI CATERING EQUIPMENT MANUFACTURERS CODE REF400000" SLIDING GLASS TOP CHEST FREEZER, 1200mm LONG x 600mm DEEP x 875mm HIGH WITH A CAPACITY OF 520 LITRES AND WITH FIVE REMOVABLE BASKETS.
- "OMI CATERING EQUIPMENT MANUFACTURERS CODE REF300000" SLIDING GLASS/BOTTLE COOLER, 1360mm LONG x 649mm DEEP x 1980mm HIGH WITH A CAPACITY OF 900 LITRES.
- 1600 x 1600mm STAINLESS STEEL CEILING MOUNTED EXHAUST FLYE CANOPY WITH FILTER 200V FAN MOTOR, 400mm DIAMETER EXHAUST, 400mm DIAMETER FLUE PIPES AND 90 DEGREE BEND.
- "AMANN" HEAVY DUTY INDUSTRIAL 1000W MICROWAVE, 375mm LONG x 549mm DEEP x 503mm HIGH WITH A CAPACITY OF 34 LITRES.

Fixed Fittings

- GENERAL NOTES ON FLOOR AND WALL CLIPBOARDS:
 - * INTERIOR PARTS OF CARCASSES, SHELVES, BOTTOMS, ETC. TO BE 16mm THICK INTERIOR GRADE PARTICLE BOARD WITH WHITE MELAMINE DECORATIVE LAMINATE TO ALL EXPOSED FLAT SURFACES. ALL EXPOSED EDGES TO BE FITTED WITH 32mm WHITE MELAMINE EDGE STRIPS. ALL CARCASSES TO BE FITTED AT BACK WITH 6mm THICK WHITE MASINITE BACKING.
 - * ALL EXPOSED PARTS OF CARCASSES, SHELVES, ETC. TO BE 16mm THICK INTERIOR GRADE PARTICLE BOARD WITH VANCOUVER MAPLE DECORATIVE LAMINATE TO ALL EXPOSED FLAT SURFACES.
 - * ALL EXPOSED EDGES TO BE FITTED WITH 32mm VANCOUVER MAPLE MASINITE EDGE STRIPS.
 - * KICKPLATES TO BE 16mm THICK INTERIOR GRADE PARTICLE BOARD WITH VANCOUVER MAPLE REINLT DECORATIVE LAMINATE TO ALL EXPOSED SURFACES.
 - * TOPS OF FLOOR UNITS TO BE 32mm THICK BISBONDOR INTERIOR GRADE PARTICLE BOARD WITH ONE LONG POSTFORM LEADING EDGE LAMINATED WITH 1mm THICK VANCOUVER MAPLE FIBRICA DECORATIVE LAMINATE.
 - * MALL BUTT EDGES AND EDGES AGAINST WALLS TO BE SEALED WITH SILICONE SEALANT. HINGES TO BE HETICH TYPE AND DRAWER RUNNERS TO BE 50mm LONG METAL TYPE. FRIGID WITH NUTLIN RUNNERS. ALL UNITS TO BE SUPPLIED AND INSTALLED COMPLETE WITH APPROVED HANDLES, HOSES, AND OTHER IRONMONGERY. SAMPLES OF ALL IRONMONGERY TO BE PROVIDED TO THE PRINCIPAL AGENT FOR APPROVAL BEFORE FITTING THEREOF COMMENCE.
 - * ALL FLOOR AND WALL CLIPBOARDS SPECIFIED HEREUNDER TO BE AS MANUFACTURED BY CLIPBOARD CONNECTIONS OR SIMILAR APPROVED.
- FLOOR CLIPBOARD TYPE F450, 450 x 550 x 880mm HIGH SUPPLIED AND INSTALLED COMPLETE WITH TOP.
- FLOOR CLIPBOARD TYPE F900, 900 x 550 x 880mm HIGH SUPPLIED AND INSTALLED COMPLETE WITH TOP.
- FLOOR CLIPBOARD TYPE F1200, 1200 x 550 x 880mm HIGH SUPPLIED AND INSTALLED COMPLETE WITH TOP.
- FLOOR BRAKER CLIPBOARD TYPE F450/4, 450 x 550 x 880mm HIGH WITH FOUR BUCKETS AND INSTALLED COMPLETE WITH TOP.
- 32mm THICK BISBONDOR INTERIOR GRADE PARTICLE BOARD WITH TWO LONG POSTFORMED LEADING EDGES AND LAMINATED WITH 1mm THICK VANCOUVER MAPLE FIBRICA DECORATIVE LAMINATE. SCREWED FROM UNDER SIDE TO THREE 50 x 30mm MILD STEEL HELIX SECTION THRU BRACKET. EACH BRACKET TO BE WALLS WITH AT LEAST THREE 100 x 100mm SLEEVED MASONRY ANCHOR BELTS. BRACKETS TO BE PRIMED WITH ONE COAT PLASTER METAL PRIMER (UC50) AND FINISHED OFF WITH TWO COATS PLASTER ENAMEL DOORS & TRIMS HIGH GLOSS ENAMEL PAINT-COLOUR WHITE (041) 175 FIVE ROWS OF 10mm THICK LAMINATED FINE SHELVING. 300mm WIDE SHELO. EXPOSY POWDER COATED STEEL BRACKETS TO BE FIXED TO 1825mm LONG DOUBLE SLOTTED EPOXY POWDER COATED SHELO TYPE F16 WALL BANDS, PLUGGED TO WALLS AT MAXIMUM 600mm C/C. SAND DOWN TO A SMOOTH FINISH. STOP WITH POLYCELL WOODFILLER. APPLY ONE COAT PLASTER WOODCARE ULTRA VARNISH (044) THINNE WITH 13 MINERAL TURPENTINE (A20) AND THEN APPLY TWO FINISHING COATS PLASTER WOODCARE ULTRA (044) SUEDE VARNISH TO BACK PLATE. PROVIDE 150 x 150mm UNID AL5066-E05/2AS ALUMINIUM RED DOWN ARROW SIGN ABOVE FIRE EXTINGUISHER.
- 50g BEP FIRE EXTINGUISHER FITTED TO 400 x 200 x 225mm THICK MERANTI BACKPLATE WITH CHAMFERED EDGES. SAND DOWN TO A SMOOTH FINISH. STOP WITH POLYCELL WOODFILLER. APPLY ONE COAT PLASTER WOODCARE ULTRA (044) SUEDE VARNISH THINNE WITH 13 MINERAL TURPENTINE (A20) AND THEN APPLY TWO FINISHING COATS PLASTER WOODCARE ULTRA (044) SUEDE VARNISH TO BACKPLATE. PROVIDE 150 x 150mm UNID AL5066-E05/2AS ALUMINIUM FIRE EXTINGUISHER SIGN AND UNID AL5066-E05/2AS ALUMINIUM RED DOWN ARROW SIGN ABOVE FIRE EXTINGUISHER.
- 30g CP FIRE EXTINGUISHER FITTED TO 400 x 200 x 225mm THICK MERANTI BACKPLATE WITH CHAMFERED EDGES. SAND DOWN TO A SMOOTH FINISH. STOP WITH POLYCELL WOODFILLER. APPLY ONE COAT PLASTER WOODCARE ULTRA (044) SUEDE VARNISH THINNE WITH 13 MINERAL TURPENTINE (A20) AND THEN APPLY TWO FINISHING COATS PLASTER WOODCARE ULTRA (044) SUEDE VARNISH TO BACKPLATE. PROVIDE 150 x 150mm UNID AL5066-E05/2AS ALUMINIUM FIRE EXTINGUISHER SIGN AND UNID AL5066-E05/2AS ALUMINIUM RED DOWN ARROW SIGN ABOVE FIRE EXTINGUISHER.
- SAFETY FIRE HOSE REEL WITH 30m HOSE. SUPPLY 150 x 150 x 3mm THICK UNID AL5066-E05/2AS ALUMINIUM ENGRAVED RED DOWN ARROW SIGN ABOVE FIRE HOSE REEL. WATER SUPPLY IN BUILDINGS TO FIRE HOSE REELS TO BE 25mm GALVANISED MILD STEEL. DEGREASE EXPOSED PARTS OF PIPES WITH PLASTER ADHESIVE DEGREASER (GD). REMOVE RUST WITH PLASTER RUST REMOVER (GRD). PRIME WITH PLASTER METAL PRIMER (WSP) AND APPLY TWO COATS PLASTER ENAMEL DOORS & TRIMS (G-RANGE) PAINT COLOUR IVORY (G374). PROVIDE 150 x150mm UNID AL5066-E05/2AS ALUMINIUM FIRE HOSE REEL SIGN AND UNID AL5066-E05/2AS ALUMINIUM RED DOWN ARROW SIGN ABOVE FIRE HOSE REEL.
- GAS INSTALLATION BY SPECIALIST INCLUDING ALL NECESSARY PIPEWORK, SAFETY VALVES, 2x19kg GAS BOTTLES, STEEL CAGE AND SAFETY SIGNAGE.

Miscellaneous

- 1600 x 1600mm STAINLESS STEEL CEILING MOUNTED EXHAUST FLYE CANOPY WITH FILTER 200V FAN MOTOR, 400mm DIAMETER EXHAUST, 400mm DIAMETER FLUE PIPES AND 90 DEGREE BEND.
- "AMANN" HEAVY DUTY INDUSTRIAL 1000W MICROWAVE, 375mm LONG x 549mm DEEP x 503mm HIGH WITH A CAPACITY OF 34 LITRES.

NOTE: ALL SEWER RETICULATION TO CIVIL ENGINEER'S SPECIFICATIONS

* ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND.
 * ALL MATES MOET OF TEBEREN NAGEGAAN WORD ALVORENS WERK BY AANWANG NIEM.
 * COPYRIGHT RESERVEED / KOPREGG VOORBEHOU
 * ALL WORK TO COMPLY TO LOCAL MUNICIPAL BY-LAWS.
 * ALLE WERK MOET VOEDDEN AAN PLAASLIKE STADSRAGS-REGULASIES.

DATE	NO.	DESCRIPTION OF REVISION	SCALE
	R0	XXXXXXXXXX	
	Makoto	XXXXXX04	

NOTES:
 CONCRETE MIXTURE 5:4:1
 SUEDES MIXTURE 5:1
 FLOOR COVERINGS TO OWNER'S CHOICE.
 TRUSSES 740 C/C/FIXED TO WALLS WITH 2mmx4mm ø WIRE BUILT INTO WALLS.
 TIE BEAMS 152mmx38mm, RAFTERS 114mmx38mm, 76mmx38mm WALL PLATES.
 6mm GYPSUM BOARD CEILINGS
 100mm CUTLER 76mm ø DOWNPIPES.
 READ DIMENSIONS IN PREFERENCE TO SCALING
 ALL GRADE 6 TIMBER TO COMPLY WITH S.A.B.S. STANDARDS
 DRAINAGE NOTES:
 SOIL DRAIN 100 ø P.V.C.
 WASTEPIPES 38 & 52mm ø P.V.C.
 VENTPIPES 100mm ø P.V.C.
 IE'S AT EVERY BENT AND CHANGE OF DIRECTION
 SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE
 GLASS IN WINDOWS:
 0-0.75 m 3mm
 0.75 m -1.5 m 4mm
 1.50 m -2.0 m 6mm
 SLIDING DOORS 6.5mm SAFETY GLASS & MARKER
 SKUIFDEURE 6.5mm VEILIGHEIDS GLAS EN MERKERS

IMPLEMENTING CLIENT:

NORTHERN CAPE PROVINCE DEPARTMENT OF ROADS AND PUBLIC WORKS

PROVINSIE VAN NOORD-KAAP DEPARTEMENT VAN PAALIE EN OPENBARE WERKE

PHONDI LOMNTLA KAPA ISEBE IEZO THUTHO INDELELA NE LEZEMISEBENZI

PROFENSI YA KAPA BOKONE LEFAPHALA DITSELA LE DITIRO

CLIENT: DEPARTMENT OF EDUCATION

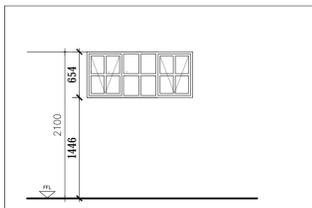
PROJECT: PROPOSED NEW CILLIE PRIMARY SCHOOL FOR THE DEPARTMENT OF EDUCATION

CILLIE NORTHERN CAPE

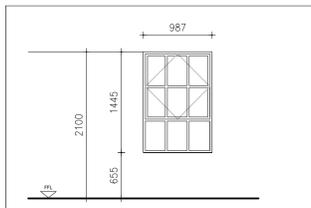
Consultant: **kaho architects** KIMBERLEY 42 PETRUS STREET HILLCREST / 8301 Tel: 082 414 8804 Fax: 086 6847 441 kaho@mweb.co.za

DRAWING TITLE: **BLOCK C NUTRITION CENTRE KITCHEN FINISHING SCHEDULE & ROOM DATA LAYOUT** SCALE 1:100

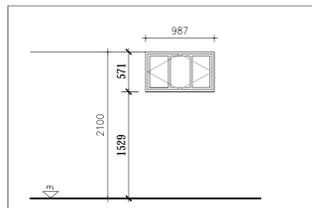
Client signature	architect signature
DRAWN BY: M. Modise	DATE: October 2018
FILE NUMBER: 2018-CILLIE	SCALE: 1:100
DRAWING NUMBER: C-FINISH SCHEDULE-503	REVISION: R0
DRAWING STATUS: Info only	Tender
	For constr.



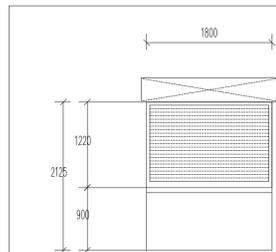
WINDOW NO.	W10	WALL TYPE - 230 BRICK FACE BRICK	QUANTITY	2
LOCATION	Kitchen, Waiting area, Sick, Store and Print room. CODE - C2F			
FRAME	1022x949mm Steel Frame painted.			
FRAME FINISH	Gloss enamel painted			
GLAZING	4mm Clear float glass, except for sick room (obscure glazed) putted in with steel window putty.			
CILL	EXTERNAL - Face Brick INTERNAL - Plaster window cill			
B.BARS	On opening and fixed sections to this window type.			
FINISH:	Gloss enamel painted.			



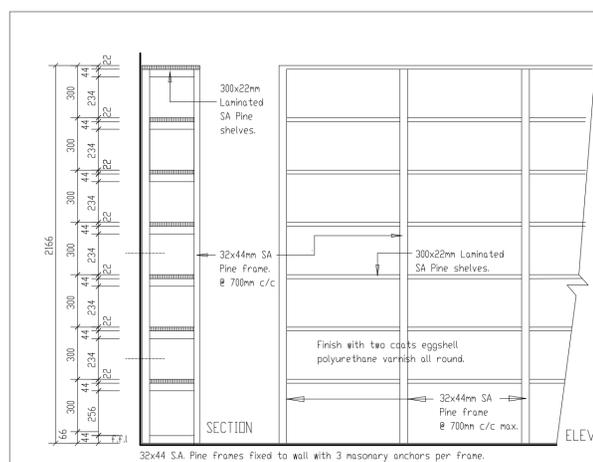
WINDOW NO.	W5	WALL TYPE - 230 BRICK FACE BRICK	QUANTITY	13
LOCATION	Classrooms CODE - SS33			
FRAME	987x1445mm Steel Frame painted.			
FRAME FINISH	Gloss enamel painted			
GLAZING	3mm Clear float glass, putted in with steel window putty.			
CILL	EXTERNAL - Face Brick INTERNAL - Plaster window cill			
B.BARS	On opening and fixed sections to this window type.			
FINISH:	Gloss enamel painted.			



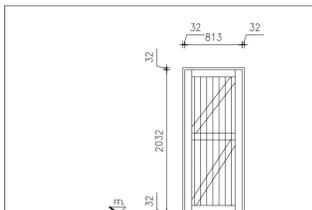
WINDOW NO.	W6	WALL TYPE - 230 BRICK FACE BRICK	QUANTITY	6
LOCATION	Classrooms and Boys and Girls toilets. CODE - SS31			
FRAME	987x511mm Steel Frame painted.			
FRAME FINISH	Gloss enamel painted			
GLAZING	4mm Clear float glass putted in with steel window putty.			
CILL	EXTERNAL - Face Brick INTERNAL - Plaster window cill			
B.BARS	On opening and fixed sections to this window type.			
FINISH:	Gloss enamel painted.			



D14
Purpose-made Roll-a-door Size 1800x1220mm
(All to manufacturer specification with rubber gasket at the bottom)
Handle and lockset to manufacturer specification



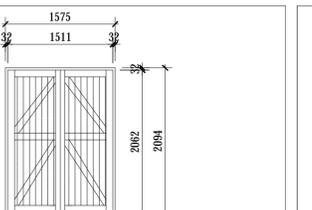
DETAIL NO.	DT26A	SCALE:	1/20	DETAIL DESCRIPTION:	SHELVES
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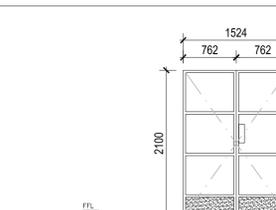
DOOR No	D9	WALL	220	HAND	1
QUANTITY	2		110		1
CODE	NONE				
LOCATION	Kitchen toilets, KITCHEN				
DOOR	DOOR TYPE: C/S: 44mm Framed Ledged & Braced batten door 864x2032mm high 44x150mm to rail, sills 18x150mm middle ledge & braces 22x230mm bottom rail filled in with 22mm V-joint one side boarding & covered on other side with 6mm plywood with veneer to match door let into & including rebates all round. Inside 864x300x1.6mm satin finished stainless steel protection plate.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x2032x40mm SGL REBATE DOOR				
DOOR FINISH	3 Coats clear varnish.				
FRAME FINISH	GLOSS ENAMEL PAINT.				
TYPE - WALL	Face brick				



DOOR No	D1	WALL	220	HAND	1
QUANTITY	2		110		1
CODE	NONE				
LOCATION	STORE ROOMS				
DOOR	DOOR TYPE: C/S: 44mm Framed Ledged & Braced batten door 511x2032mm high 44x150mm to rail, sills 18x150mm middle ledge & braces 22x230mm bottom rail filled in with 22mm V-joint one side boarding & covered on other side with 6mm plywood with veneer to match door let into & including rebates all round. Inside 864x300x1.6mm satin finished stainless steel protection plate.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x2032x40mm SGL REBATE DOOR				
DOOR FINISH	3 Coats clear varnish.				
FRAME FINISH	GLOSS ENAMEL PAINT.				
TYPE - WALL	Face brick				



DOOR No	D7	WALL	220	HAND	1
QUANTITY	2		110		1
CODE	NONE				
LOCATION	DINING HALL				
DOOR	CLIP44 SHOPFRONT SYSTEM DOUBLE HINGED ALUMINIUM DOOR QTY x2 (762x2134MM HIGH) 6,38 LAMINATED SAFETY GLASS IN NEOPRENE CHANNEL				
FRAME	2134x1524mm BRONZE ANODISED ALUMINIUM.				
DOOR FINISH	BRONZE ANODISED ALUMINIUM				
FRAME FINISH	BRONZE ANODISED ALUMINIUM				
WALL TYPE	Face Brick				



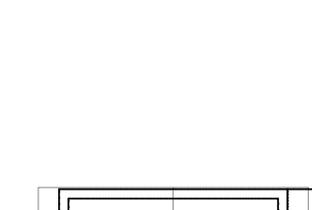
DOOR No	D2	WALL	220	HAND	3
QUANTITY	3		110		3
CODE	NONE				
LOCATION	CLERK'S OFFICE, KITCHEN, TOILET, STATIONARY AND STORE ROOMS.				
DOOR	2032x813x40mm internal quality Solid flush panel door with approved veneer both sides and 2 concealed edges.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x2032x40mm SGL REBATE DOOR				
DOOR FINISH	3 Coats clear varnish.				
FRAME FINISH	GLOSS ENAMEL PAINT.				
WALL TYPE	PLASTER				



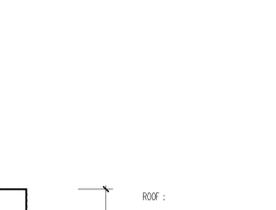
DOOR No	D6	WALL	220	HAND	1
QUANTITY	2		110		1
CODE	NONE				
LOCATION	Shower & toilets room				
DOOR	1882x813x40mm internal quality semi solid flush panel door with hardwood both sides and 2 concealed edges.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x1962x40mm SGL REBATE DOOR				
DOOR FINISH	GLOSS ENAMEL PAINT ON WOOD.				
FRAME FINISH	1 COAT APPROVED STEEL PRIMER - FACTORY COATED REFER TO FINISHING SCHEDULE				
WALL TYPE	PLASTER				



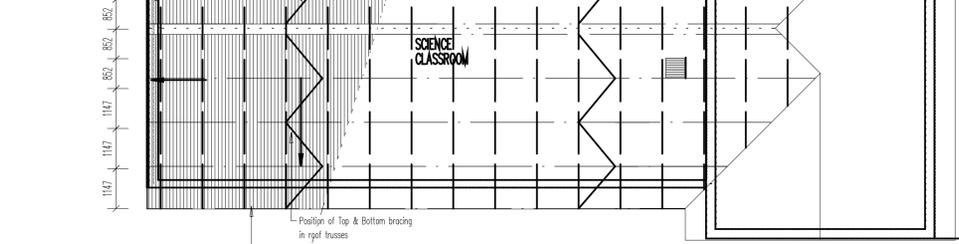
DOOR No	D8	WALL	220	HAND	1
QUANTITY	2		110		1
CODE	NONE				
LOCATION	Shower & toilets room				
DOOR	1882x813x40mm internal quality semi solid flush panel door with hardwood both sides and 2 concealed edges.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x1962x40mm SGL REBATE DOOR				
DOOR FINISH	GLOSS ENAMEL PAINT ON WOOD.				
FRAME FINISH	1 COAT APPROVED STEEL PRIMER - FACTORY COATED REFER TO FINISHING SCHEDULE				
WALL TYPE	PLASTER				



DOOR No	D3	WALL	220	HAND	3
QUANTITY	3		110		3
CODE	NONE				
LOCATION	CLERK'S OFFICE, KITCHEN, TOILET, STATIONARY AND STORE ROOMS.				
DOOR	2032x813x40mm internal quality Solid flush panel door with approved veneer both sides and 2 concealed edges.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x2032x40mm SGL REBATE DOOR				
DOOR FINISH	3 Coats clear varnish.				
FRAME FINISH	GLOSS ENAMEL PAINT.				
WALL TYPE	PLASTER				



DOOR No	D4	WALL	220	HAND	3
QUANTITY	3		110		3
CODE	NONE				
LOCATION	CLERK'S OFFICE, KITCHEN, TOILET, STATIONARY AND STORE ROOMS.				
DOOR	2032x813x40mm internal quality Solid flush panel door with approved veneer both sides and 2 concealed edges.				
FRAME	STANDARD PRESSED STEEL (1.2mm THICK) SINGLE WITH 2 PAIR OF HINGES TO SUIT 813x2032x40mm SGL REBATE DOOR				
DOOR FINISH	3 Coats clear varnish.				
FRAME FINISH	GLOSS ENAMEL PAINT.				
WALL TYPE	PLASTER				

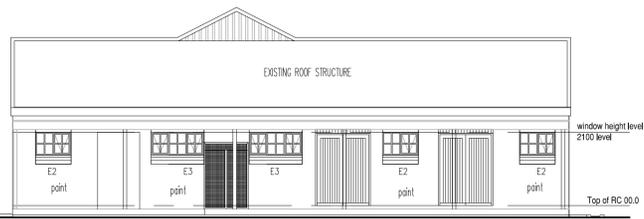


Roof Plan
Scale 1:100

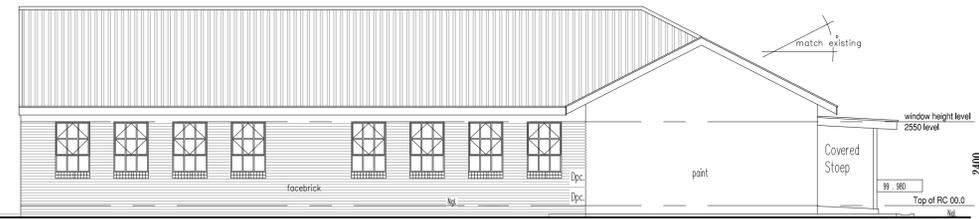
ROOF:
0.6 mm Thick Galvanised corrugated iron roof sheeting (Z775 speller) laid to manufacturers specification to 0.6mm thick galvanised ridge capping 450mm girth @ 27 degree pitch
76x50mm SA Pine purlins and 76x78mm SA Pine splayed eaves purlins
Pre-fabricated roof truss system at max. 1000mm centres on 100mm Thick Glass Fibre insulation on 114 x 38 mm SA Pine Wall plate treated with a Carbolinum sealer at all sides prior to fixing on
225 x 0.5 mm Thick galvanised pressed profiled metal fascia board with connecting clip brackets and coverstrips - to be fixed to manufacturers Specification or equal approved.

NOTES:
TRUSS DESIGN:
A Certificate stating that the trusses have been designed in accordance with SABS 0160 & 0163 shall be provided to Architect through the Contractor & is to be signed by the Engineer
2.5mm Dia galvanised wire purlin ties 900mm girths tightly bound around at intervals of purlins and rafter
Provide hurricane clips at eaves
Exposed rafters of roof overhangs and covered stoop to be treated with a wood primer coat: one undercoat and two coats of enamel paint

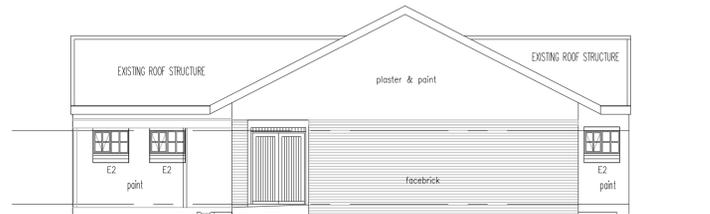
Roof Plan
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SOUTH ELEVATION
Scale 1:100



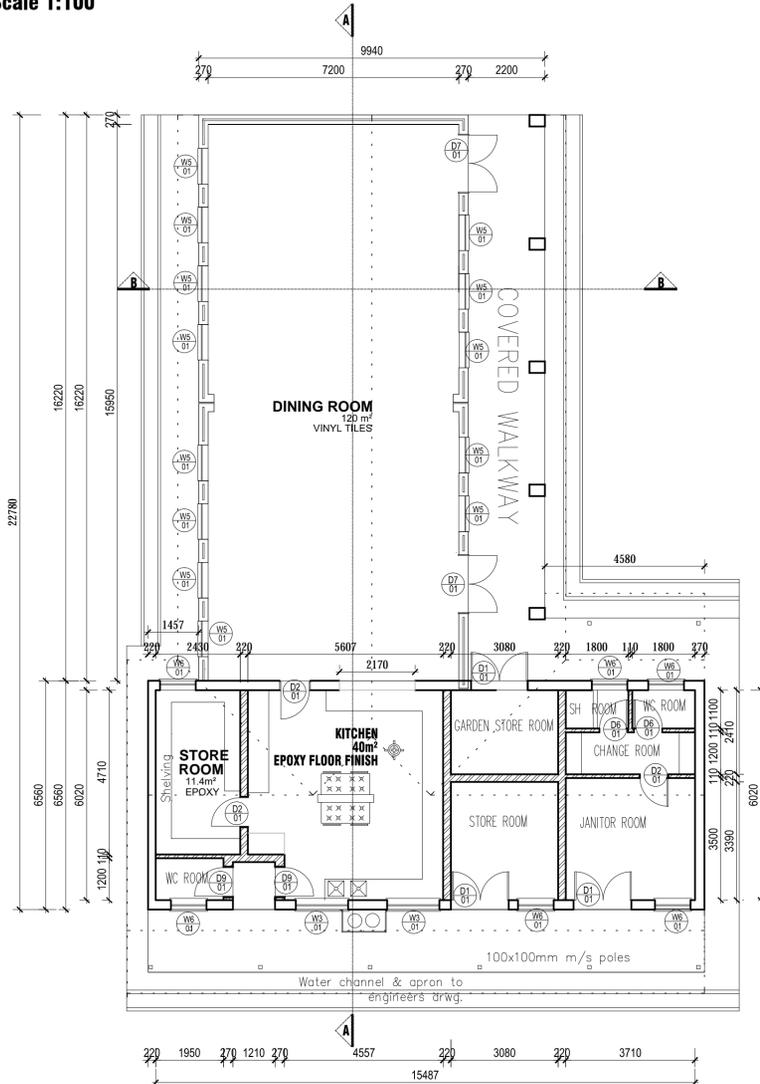
WEST ELEVATION
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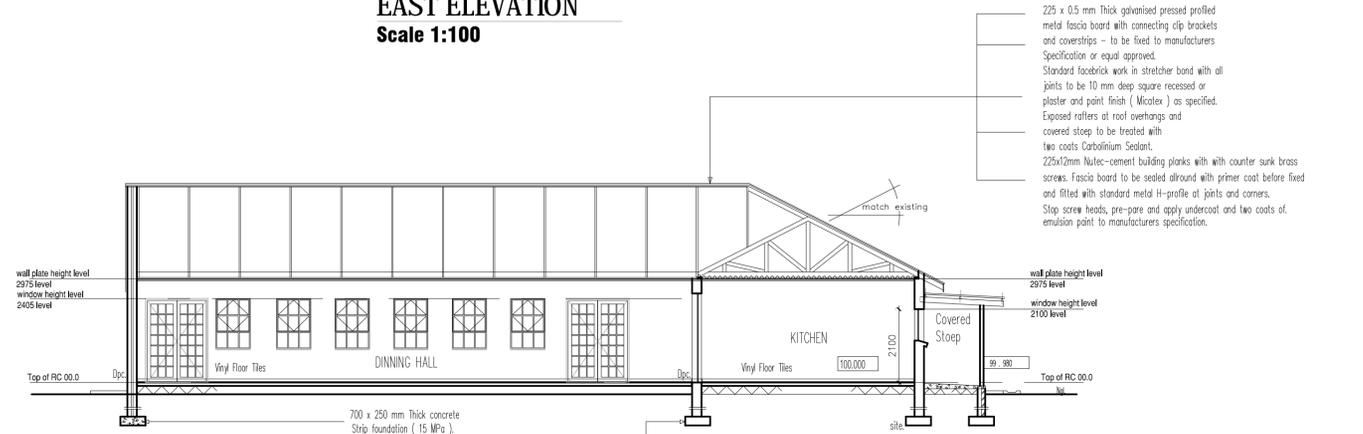
NORTH ELEVATION
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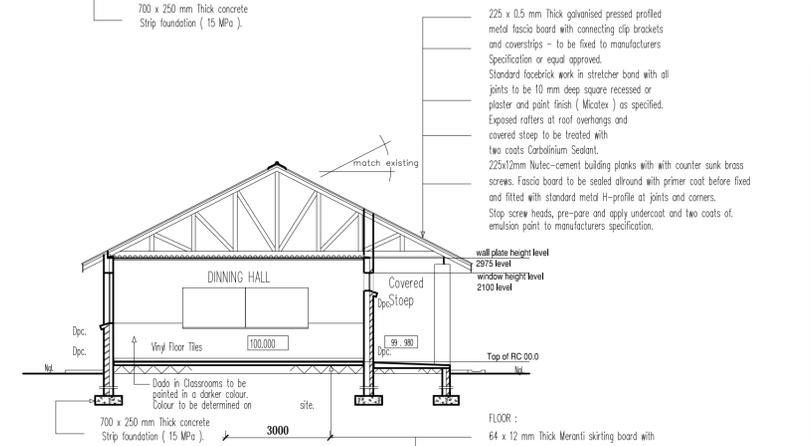
EAST ELEVATION
Scale 1:100



NUTRITION CENTRE PLAN
Scale 1:100



Section A-A
Scale 1:100



Section B-B
Scale 1:100

ROOF NOTES:
Corrugated roof sheeting (0.6mm) nailed to 75x75x20x2.5mm thick lip channel Purlins.
FRAME WORK: 150x75x20x4.5mm thick Lapped channel bolted to 100x100x3.0mm hollow square tubing column
100x100x3.0mm hollow square cast in 450x450x700mm concrete pad
25mm thick floor screed on 75mm concrete bed laid on DPM compact hardcore filling to 300 layers to 95% MOODASHTOO

225 x 0.5 mm Thick galvanised pressed profiled metal fascia board with connecting clip brackets and coverstrips - to be fixed to manufacturers Specification or equal approved.
Standard facebrick work in stretcher bond with all joints to be 10 mm deep square recessed or plaster and paint finish (Micotex) as specified.
Exposed rafters at roof overhangs and covered stoep to be treated with two coats Carbolinium Sealant.
225x12mm Nulac-cement building planks with counter sunk brass screws. Fascia board to be sealed allround with primer coat before fixed and filled with standard metal H-profile at joints and corners.
Stop screw heads, pre-pare and apply undercoat and two coats of emulsion paint to manufacturers specification.

225 x 0.5 mm Thick galvanised pressed profiled metal fascia board with connecting clip brackets and coverstrips - to be fixed to manufacturers Specification or equal approved.
Standard facebrick work in stretcher bond with all joints to be 10 mm deep square recessed or plaster and paint finish (Micotex) as specified.
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Stop screw heads, pre-pare and apply undercoat and two coats of emulsion paint to manufacturers specification.

FLOOR :
64 x 12 mm thick Maranti skirting board with 12 mm Quarter round nailed to wall. All nails to be punched and filled.
300x300x 2.5mm thick Semi-flexible vinyl floor tiles, allow for two colour pattern on 25 mm Thick cement screed on 80 mm Thick concrete surface bed on 25 mm Thick riversand blinding
250 MICRON Polithane waterproofing membrane-GUNPLAS UBS GREEN- All side over laps sealed with " GUNPLAS " - Sensitive tape on Compacted ground filling in layers of maximum 150 mm thick (93 % ASHTO).
15 mm Thick Bitumen impregnated insulation board between edge of surface bed not exceeding 300 mm thick and brick walls.
POISONING - of ground against termites , all external foundation walls , foundations , concrete surface beds with - CHLORDANE HEPTACHLOR ALDRIN or other approved to comply with SABS 0124 , with 25mm thick riversand over poison PROVIDE - A Certificate for poisoning of ground to the Department

* ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND.
* ALLE MATES MOET OP TERREIN NAGEGAAN WORD ALVORENS WERK IN AANVANG NEM.
* COPYRIGHT RESERVED / KOPIEREG VOORBEHOU
* ALL WORK TO COMPLY TO LOCAL MUNICIPAL BY-LAWS.
* ALLE WERK MOET VOLDOEN AAN PLAASLIKE STADSRAADS-REGULASIES.

Number	REVISION
Drawn by	
Date	XXXXXXXXXX
Makera	
XX/XX/04	

NOTES:
CONCRETE MIXTURE 5:4:1
SCREED MIXTURE 5:1
FLOOR COVERINGS TO OWNER'S CHOICE.
TRUSSES 740 C/C, FIXED TO WALLS WITH 2mmx4mm ø WIRE BUILT INTO WALLS.
TIE BEAMS 152mmx38mm, RAFTERS 114mmx38mm, 76mmx38mm WALL PLATES.
6mm GYPSUM BOARD CEILING.
100mm GUTTER 76mm ø DOWNPIPES.
READ DIMENSIONS IN PREFERENCE TO SCALING
ALL GRADE 6 TIMBER TO COMPLY WITH S.A.B.S. STANDARDS
DRAINAGE NOTES:
SOIL DRAIN 100 ø P.V.C.
WASTEPIPES 38 & 52mm ø P.V.C.
VENTPIPES 100mm ø P.V.C.
IE'S AT EVERY BEND AND CHANGE OF DIRECTION
SEWER PIPE UNDER BUILDING TO BE ENCASED WITH 100mm THICK CONCRETE
GLASS IN WINDOWS:
0-0.75 m 3mm
0.75 m -1.5 m 4mm
1.50 m -2.0 m 6mm
SLIDING DOORS 6.5mm SAFETY GLASS & MARKER
SKUIFDEURE 6.5mm VEILIGHEIDS GLAS EN MERKERS

IMPLEMENTING CLIENT:
NORTHERN CAPE PROVINCE DEPARTMENT OF ROADS AND PUBLIC WORKS
PROVINSIE VAN NOORD-KAAP DEPARTEMENT VAN PAABIE EN OPENBARE WERKE

PHONDO LOMNTLA KAPA ISEBE IEZO THUTHO INDLELA NE LEZEMISEBENZI
PROFENSI YA KAPA BOKONE LEFAPHALA DITSELA LE DITIRO

CLIENT:
DEPARTMENT OF EDUCATION

PROJECT:
PROPOSED NEW CILLIE PRIMARY SCHOOL FOR THE DEPARTMENT OF EDUCATION
CILLIE NORTHERN CAPE

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DRAWING TITLE:
NUTRITION CENTRE PLANS, SECTIONS & ELEVATIONS
SCALE 1:100, 1:50, 1:20

Client signature	architect signature	
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