



REQUEST FOR BID

FOR

APPOINTMENT OF A COMPLETION CONTRACTOR FOR
AMASANGO CAREER SCHOOL

7GB OR HIGHER

EMIS NO: 200101027

DISTRICT: SARAH BAARTMAN

BID NO: SCMU6-25/26-0004

Consisting of:

Single Volume: The Request for Bid (Returnable) - This document

BIDDER:

CRS NO:

Compiled for:

SUPPLY CHAIN MANAGEMENT
Eastern Cape Department of Education
Steve Tshwete Complex, Zone 6
ZWELITSHA
5608

Website: www.edu.ecprov.gov.za

Compiled by:

SEPTEMBER 2025
PNO: P9009703

REQUEST FOR BID

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REQUEST FOR BID

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Part 1: BID PROCEDURE

**T1.1: Request for Bid Notice and Invitation to Bid
(SBD1)**



REQUEST FOR BID NOTICE

DEPARTMENT OF EDUCATION **EASTERN CAPE PROVINCE**

The Eastern Cape Department of Education (ECDOE) invites contractors to tender for the **APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL**

BID NO: SCMU6-25/26-004
[CIDB Grade: 7GB or Higher]

Project Leader (DoE)

Mr Q Msiwa
Tel: 040 608 4707
Email: qiqile.msiwa@ecdoe.gov.za

Bid documents are downloadable free of charge from the Eastern Cape Department of Education website (<https://eceducation.gov.za/corporate/tenders/1/bid-notice>) or from National Treasury's tender portal (<http://www.etender.gov.za/content/advertised-tenders>). Bid documents will be available on **Friday, 5 September 2025 at 09h00am**. No bid documents will be available at departmental offices.

Mandatory Briefing Session will be held at **AMASANGO CAREER SCHOOL** on **Monday, 15 September 2025 from 11h00pm to 12h30pm**. Co-ordinates
Makana Local Municipality
-33.282633, 26.552287

Queries relating to the issue of these documents may be addressed in writing to: **Ms Asanda Pokwana** – Email Asanda.pokwana@ecdoe.gov.za **Technical enquiries:** may be addressed in writing to **Mr. Q. Msiwa**– email: Qiqile.Msiwa@ecdpw.gov.za

Completed Request for Bid documents in a sealed envelope endorsed with the project name, request for Bid number and description must be deposited in the Tender Box, **Department of Education, Steve Tshwete Complex, Zone 6, Zwelitsha**, not later than **11h00** on **Monday, 29 September 2025**

Telegraphic, telexed or faxed tenders will not be considered. The ECDoE does not bind itself to accepting the lowest tenderer. Tender price offered should not pose a commercial risk to the completion of the project.

Procurement Contact Official

Ms A Pokwana
Tel: 040 608 4326
Asanda.pokwana@ecdoe.gov.za

Infrastructure Contact Official

Mr Q Msiwa
Tel: 040 608 4707
qiqile.msiwa@ecdoe.gov.za

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF EDUCATION					
BID NUMBER:	SCMU6-25/26-0004	CLOSING DATE:	29 September 2025	CLOSING TIME:	11h00am
DESCRIPTION	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Department of Education					
Steve Tshwete Education Complex					
Zone 6					
Zwelitsha					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Ms Asanda Pokwana		CONTACT PERSON	Mr. Qiqile Msiwa	
TELEPHONE NUMBER	040 608 4326		TELEPHONE NUMBER	040 608 4704	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	Asanda.pokwana@ecdoe.gov.za		E-MAIL ADDRESS	Qiqile.Msiwa@ecdoe.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF THE BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

T1.2 Request for Bid Data

T1.2: REQUEST FOR BID DATA

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL		
Bid No:	SCMU6-25/26-0004		
Advertising date:	5 September 2025	Closing date:	29 Septemeber 2025
Closing time:	11h00	Validity period	90 Days

Clause number																						
	<p>The conditions of Request for Bid applicable to this contract are the Standard Conditions of Tender as contained in Annexure C of the CIDB Standard for Uniformity in Construction Procurement (August 2019) as published in Government Gazette No. 42622, Department of Public Works Notice 423.</p> <p>The Standard Conditions of Bid make several references to the Bid Data for details that apply specifically to this Bid. The Bid Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Bid.</p> <p>Each item of data given below is cross-referenced to the clause in the Standard Conditions of Bid to which it mainly applies.</p>																					
C.1.2	The employer is the Eastern Cape Province Department of Education																					
C.1.3.1	<p>The Request for Bid documents issued by the employer comprise:</p> <p>THE REQUEST FOR BID (SINGLE VOLUME) Part 1: Bidding Procedure T1.1 Request for Bid Notice and Invitation to Bid (SBD1) T1.2 Request for Bid Data</p> <p>Part 2: Agreement and Contract Data C1.1 Form of Offer and Acceptance C1.1a Final Summary of Bills of Quantities (C2.2) C1.1b Standard Conditions of Tender C1.1c General Conditions of Contract C1.2 Contract Data C1.3 Form of Guarantee</p> <p>Part 3: Returnable Schedules/Documents T2.1 List of Returnable Documents T2.2 Returnable Documents:</p> <table><tr><td>SBD4</td><td>Declaration of interest</td><td>Mandatory Requirement</td></tr><tr><td>SBD6.1</td><td>Preference points claim form in terms of Preferential Procurement Regulations 2022</td><td>Non-Elimination, to be submitted for the purposes of claiming points for Specific Goals.</td></tr><tr><td>T2.2.1</td><td>Certificate of authority for signatory</td><td>Mandatory Requirement</td></tr><tr><td>T2.2.2</td><td>Certificate of authority for joint ventures (if applicable)</td><td>Mandatory Requirement</td></tr><tr><td>T2.2.5</td><td>Record of addenda to Request for Bid documents</td><td>Additional documents</td></tr><tr><td>T2.2.6</td><td>Capacity of Bidder</td><td>Mandatory Requirement</td></tr><tr><td>T2.2.7</td><td>Relevant project experience - completed projects</td><td>Mandatory Requirement</td></tr></table>	SBD4	Declaration of interest	Mandatory Requirement	SBD6.1	Preference points claim form in terms of Preferential Procurement Regulations 2022	Non-Elimination, to be submitted for the purposes of claiming points for Specific Goals.	T2.2.1	Certificate of authority for signatory	Mandatory Requirement	T2.2.2	Certificate of authority for joint ventures (if applicable)	Mandatory Requirement	T2.2.5	Record of addenda to Request for Bid documents	Additional documents	T2.2.6	Capacity of Bidder	Mandatory Requirement	T2.2.7	Relevant project experience - completed projects	Mandatory Requirement
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	T2.2.8	Relevant project experience - current projects	Mandatory Requirement
	T2.2.9	Schedule of plant & equipment	Additional documents
	T2.2.10	Compulsory enterprise questionnaire	Mandatory Requirement
	T2.2.11	CIDB grading certificate	Mandatory Requirement
	T2.2.12	Other certificates (certified copies to be inserted by Bidder), etc	Mandatory Requirement
		<ul style="list-style-type: none">Valid Letter of Good Standing from Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993	Mandatory Requirement
	T2.2.13	Completed project reference forms	Mandatory Requirement
	PRICING SCHEDULE	<ul style="list-style-type: none">Priced BoQ	Mandatory Requirement
		THE CONTRACT Part 4: Scope of Work C3.1 Scope of work C3.2 Health and Safety Specification C3.4 Contractors Reports Part 5: Pricing data C2.1 Pricing instructions C2.2 Preliminaries / Bill of Quantities / Final Summary Part 6: Site information C4 Site information C5 Drawings	
C.1.4	The employer's agent is:		
	Name:	Q Msiwa (Eastern Cape Province Department of Education)	
	Capacity:	Project Leader	
	Address:	Steve Tshwete Building	
	Tel:	(040) 608 4707	
	Fax:		
	E-mail:	qiqile.msiwa@ecdoe.gov.za	
C.2.1	Only those Bidders who satisfy the following eligibility criteria should submit Request for Bids: <ol style="list-style-type: none">Submit an offer only if the Bidder satisfies the criteria stated in the Request for Bid data and the Bidder, or any of his principals, is not under any restriction to do business with the employer.The Bidder is registered with the CIDB, in a 7GB or Higher class of construction work.The Bidder is registered on the National Treasury Central Supplier Data Base (https://secure.csd.gov.za)The Bidder accepts that documents that have correction fluid on them will be deemed non-responsive and the documents must remain intact.Bidders adhere to the pre-qualification criteria stated in the Request for Bid document, if any. Joint ventures are eligible to submit Bids provided that:Every member of the joint venture must be registered with the CIDB in the General Building (GB) class of work.The combined contractor grading designation of the members 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 bid for a 7GB or Higher class of construction work.The members/parties have signed a joint venture agreement.		

C.2.7	<p>The arrangements for the compulsory clarification meeting, if any, are as stated in the Request for Bid Notice (T1.1).</p> <p>A Request for Bid will not be considered if the Bidder or their representative has not attended the compulsory briefing session.</p> <p>Bidders must sign the attendance register in the name of the bidding entity.</p> <p>Addenda will be issued to and Request for Bids will be received only from those bidding entities appearing on the attendance register.</p> <p>Request for Bid documents will not be issued at the clarification meeting.</p>
C.2.8	Request clarification at least 5 working days before the closing time.
C2.11	All documents must be completed and signed in black permanent ink. No correction fluid must be used in the document. Incomplete bid responses may be disqualified or evaluated solely on the information contained in the bid. The ECDoE may disregard any content in the request for bid that is illegible and will be under no obligation whatsoever to seek clarification from the bidder.
C.2.12	<p>If a Bidder wishes to submit an alternative Request for Bid offer, the only criteria permitted for such alternative Request for Bid offer is that it demonstrably satisfies the employer's standards and requirements, the details of which may be obtained from the Employer's Agent.</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 Request for Bid offer to enable the employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Acceptance of an alternative Request for Bid offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the Bidder, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the employer's standards and requirements.</p> <p>The modified Pricing Data must include an amount equal to 5% of the amount bid for the alternative offer to cover the employer's costs of confirming the acceptability of the detailed design before it is constructed.</p> <p>Alternative Bid offer permitted: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
C.2.13 C.2.15	The employer's address for delivery of Request for Bid offers and identification details to be shown on each Request for Bid offer package are as per Request for Bid Notice (T1.1) and Invitation to Bid (SBD 1)
C.2.13.5	Request for Bid offers shall be submitted as originals only.
C.2.13.6	A two-envelope system is not required.
C.2.13.9	Telephonic, telegraphic, telex, facsimile, emailed, electronic copy or late offers will not be accepted.
C.2.15	The closing time for submission of Request for Bid offers is as per the Request for Bid Notice (T1.1) and the Invitation to Bid (SBD 1).

C.2.16	The Request for Bid offer validity period is as per the Request for Bid Notice (T1.1) and the Invitation to Bid (SBD 1).
C.2.17	Provide clarification of the Request for Bid offer in response to do so from the employer during the evaluation of Request for Bid offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of Bidders or substance of the Request for Bid offer is sought, offered, or permitted.
C.2.22	Not a requirement
C.2.23	Refer to Parts 1, 2 & 3 for certificates and other documents to be submitted with the Request for Bid.
C.3.4	The time and location for opening of the Request for Bid offers are as per the Request for Bid Notice (T1.1).
C.3.11	<p>Financial Offer and Preference will be evaluated as follows:</p> <p>The 80/20 preference point system will be applicable with 80 points allocated to Price and 20 points towards Specific Goals status level of contribution.</p> <p>The score for price is calculated using the following formula:</p> $P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$ <p>Where:</p> <p>Ps = Points scored for price of bid under consideration;</p> <p>Pt = Price of bid under consideration and</p> <p>Pmin = Price of lowest acceptable bid.</p> <p>A trust, consortium or joint venture will qualify for points for their Specific Goals.</p>
C.3.13	<p>Request for Bid offers will only be accepted if:</p> <ol style="list-style-type: none"> 1. The Bidder or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; 2. The Bidder has not: <ol style="list-style-type: none"> a. Abused the Employer's Supply Chain Management System; or b. Failed to perform on any previous contract and has been given a written notice to this effect; 3. The Bidder has completed the compulsory declarations and there are no conflicts of interest, which may impact on the Bidder's ability to perform the contract in the best interests of the employer or potentially compromise the Request for Bid process; 4. The Bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation; <p>The Bidder is in good standing with a Compensation Fund.</p>
C.3.17	The number of paper copies of the signed contract to be provided by the employer is 1 (one) copy of the signed contract to the successful Bidder.

T1.3 BID EVALUATION CRITERIA

T1.3: BID EVALUATION CRITERIA

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL		
Bid No:	SCMU6-25/26-0004		
Advertising date:	5 September 2025	Closing date:	29 September 2025
Closing time:	11h00	Validity period	90 Days

	BID EVALUATION CRITERIA									
	<p>This bid will be evaluated in Two (2) phases as follows:</p> <p>Phase One: Compliance, and responsiveness to the bid rules and conditions, thereafter they will be evaluated on PPPFA.</p> <p>Phase Two: Bidders passing the stage above will thereafter be evaluated on PPPFA.</p> <table><tr><td>Maximum points on price</td><td>-</td><td>80 points</td></tr><tr><td>Maximum points for Specific goals</td><td>-</td><td>20 points</td></tr><tr><td>Maximum points</td><td>-</td><td>100 points</td></tr></table> <p>Phase 1: Compliance, and responsiveness to the bid rules and conditions</p> <p>Bidders must comply with the following Bid conditions in order to proceed to Phase Two Of Evaluation:–</p> <ol style="list-style-type: none">1. Priced Bills of Quantities must be submitted.2. Bidders are required to have a CIDB contractor Grading designation 7GB or Higher. Proof of Cidb Registration or CRS number must be submitted with the bid.3. Bids which are late will not be accepted.4. A valid Letter of Good Standing from the Compensation Fund or licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 must be submitted with Bid5. Failure to complete <u>all</u> supplementary information and the RETURNABLE SCHEDULES may result in the request for Bid being eliminated.6. Tender Forms (Form C1.1: Form of offer and acceptance) that are incomplete or incorrectly completed will result in elimination of that tender <p>Failure to submit the following completed and signed compulsory documents will result in elimination of the bid:</p>	Maximum points on price	-	80 points	Maximum points for Specific goals	-	20 points	Maximum points	-	100 points
Maximum points on price	-	80 points								
Maximum points for Specific goals	-	20 points								
Maximum points	-	100 points								

FORM C1.1	Tender Forms (Form C1.1: Form of offer and acceptance) that are incomplete or incorrectly completed will result in elimination of the tender	Mandatory Requirement									
SBD4	Declaration of interest	Mandatory Requirement									
SBD6.1	Preference points claim form in terms of Preferential Procurement Regulations 2022	Non-Elimination, to be submitted for the purposes of claiming points for Specific Goals.									
T2.2.1	Certificate of authority for signatory	Mandatory Requirement									
T2.2.2	Certificate of authority for joint ventures (if applicable)	Mandatory Requirement									
T2.2.6	Capacity of Bidder	Mandatory Requirement									
T2.2.7	Relevant project experience – Completed projects	Mandatory Requirement									
T2.2.8	Relevant project experience - current projects	Mandatory Requirement									
T2.2.10	Compulsory enterprise questionnaire	Mandatory Requirement									
T2.2.11	CIDB grading certificate or CRS No.	Mandatory Requirement									
T2.2.12	Other certificates (certified copies to be inserted by Bidder), etc	Mandatory Requirement									
	<ul style="list-style-type: none"> A valid Letter of Good Standing from Compensation Fund or licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 	Mandatory Requirement									
T2.2.13	Completed project reference forms	Mandatory Requirement									
	<ul style="list-style-type: none"> Priced BoQ 	Mandatory Requirement									
<p>Phase Two: Bidders passing the stage above will thereafter be evaluated on PPPFA.</p> <p>PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:</p> <table> <tr> <td>Maximum points on price</td> <td>-</td> <td>80 points</td> </tr> <tr> <td>Maximum points for Specific goals</td> <td>-</td> <td>20 points</td> </tr> <tr> <td>Maximum points</td> <td>-</td> <td>100 points</td> </tr> </table>			Maximum points on price	-	80 points	Maximum points for Specific goals	-	20 points	Maximum points	-	100 points
Maximum points on price	-	80 points									
Maximum points for Specific goals	-	20 points									
Maximum points	-	100 points									

Part 2: AGREEMENT AND CONTRACT DATA

C1.1 Form of Offer and Acceptance

C1.1: FORM OF OFFER AND ACCEPTANCE

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the:
APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL

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

By the representative of the Bidder, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Bidder 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);

R(in figures)

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 Bidder before the end of the period of validity stated in the Request for Bid data, whereupon the Bidder becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature(s)

Name(s)

Capacity

for the Bidder

.....
 (Name and address of organization)

Name and signature of witness Date

ACCEPTANCE

By signing this part of this form of offer and acceptance, the employer identified below accepts the Bidder'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 Bidder's offer shall form an agreement between the employer and the Bidder upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1 Agreements and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 Scope of work.

Part C4 Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Request for Bid data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the Bidder and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The Bidder shall within 2 (two) weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

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

Signature(s)

Name(s)

Capacity

**for the
Employer**

.....
(Name and address of organization)

Name and
signature of
witness Date

Schedule of Deviations

Notes:

1. *The extent of deviations from the Request for Bid documents issued by the employer before the Request for Bid closing date is limited to those permitted in terms of the conditions of Request for Bid.*
2. *A Bidder's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.*
3. *Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the Request for Bid documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.*
4. *Any change or addition to the Request for Bid documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.*

1. Subject _____

Details _____

2. Subject _____

Details _____

3. Subject _____

Details _____

4. Subject _____

Details _____

By the duly authorised representatives signing this agreement, the employer and the Bidder agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Request for Bid data and addenda thereto as listed in the Request for Bid schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Bidder 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 Request for Bid/ Bid documents and the receipt by the Bidder of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

C1.1a Final Summary of Bills of Quantities

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C1.1b Standard Conditions of Tender

CIDB Standard Conditions of Tender (August 2019 Edition)

(As contained in Annexure C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts in Board Notice 423 of 2019 in Government Gazette No 42622 of 8 August 2019)

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Bidders shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.

2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

C.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

a) **conflict of interest** means any situation in which:

- i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
- ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
- iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;

c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;

d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if:

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

C.1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

C.1.6 Procurement procedures

C.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to C.3.13, be concluded with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, Bidders shall submit tender offers in response to the proposed contract in the first round of submissions.

Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the Bidders who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of Bidders shall not apply.

C.1.6.2.2 All responsive Bidders or at least a minimum of not less than three responsive Bidders that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, Bidders shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Bidders shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after Bidders have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1 Option 1

Bidders shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these

conditions of tender.

C.1.6.3.2 Option 2

C.1.6.3.2.1 Bidders shall submit in the first stage only technical proposals. The employer shall invite all responsive Bidders to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

C.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

C.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

C.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

C.2.7 Clarification meeting

Attend, where required, a clarification meeting at which Bidders may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

C.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

C.2.10 Pricing the tender offer

C.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable fourteen (14) days before the closing time stated in the tender data.

C.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

C.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

C.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

C.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

C.2.12 Alternative tender offers

C.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

C.2.13 Submitting a tender offer

C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

C.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for Bidders proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

- C.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- C.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- C.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.
- C.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
- C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

C.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

C.2.15 Closing time

- C.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.
- C.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

C.2.16 Tender offer validity

- C.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.
- C.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.
- C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).
- C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as "SUBSTITUTE".

C.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of Bidders or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

C.2.18 Provide other material

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

C.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

C.2.20 Submit securities, bonds and policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

C.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

C.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

C.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

C.3 The employer's undertakings

C.3.1 Respond to requests from the tenderer

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all Bidders who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the

tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all Bidders who collected tender documents.

C.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of Bidders' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its Specific Goals status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

C.3.5 Two-envelope system

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of Bidders' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate functionality of the technical proposals offered by Bidders, then advise Bidders who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of Bidders, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on Specific Goals status level. Return unopened financial proposals to Bidders whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

Not disclose to Bidders, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

C.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

C.3.8 Test for responsiveness

C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,

- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other Bidders presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

C.3.9 Arithmetical errors, omissions and discrepancies

- C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.
- C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3.11 for:
- a) the gross misplacement of the decimal point in any unit rate;
 - b) omissions made in completing the pricing schedule or bills of quantities; or
 - c) arithmetic errors in:
 - (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - (ii) the summation of the prices.
- C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.
- C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:
- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
 - b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

C.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value

	outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

C.3.13 Acceptance of tender offer

Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement;
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract;
- c) has the legal capacity to enter into the contract;
- d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the tender data; and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

C.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

C.3.16 Registration of the award

An employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 Provide written reasons for actions taken

Provide upon request written reasons to Bidders for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of Bidders or might prejudice fair competition between Bidders.

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C1.2 Contract Data

C1.2 : CONTRACT DATA : JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

	<p>The Conditions of Contract are clauses 1 to 42 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 from 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 the 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 Bidder documents. Both 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 italicised in [] brackets.</p>
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42.0	PART 1: CONTRACT DATA PROVIDED BY THE EMPLOYER
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42.1	CONTRACTING AND OTHER PARTIES
42.1.1	<p>Employer: Eastern Cape Province Department of Education</p> <p>Postal address: Private Bag X0032 BHISHO 5605</p> <p>Tel: 040 608 4335 Fax: 040 – 602 7272</p> <p>Physical address: Steve Tshwete Building Zone 6 Zwelitsha</p>
[1.2]	

42.1.2 [1.1, 5.1]	Principal Agent: XXX Tel: Fax:
42.1.3 [1.1, 5.2]	Agent (1) - XXX Agent's service: Postal address: Tel: Fax:
42.1.4 [1.1, 5.2]	Agent (2) - XXX Agent's service: Postal address: Tel: Fax:
42.1.5 [1.1, 5.2]	Agent (3) - XXX Agent's service: Postal address: Tel: Fax:
42.1.6 [1.1, 5.2]	Agent (4) - XXX Agent's service: Postal address: Tel: Fax:
42.2	CONTRACT DETAILS
42.2.1 [1.1]	Works description: Refer to document C3.1 – 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 :
[31.1 #] [31.11.2 #] [31.12.2#]	1) Interest rate legislation: (a) in respect of interest owed by the employer , the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer , the interest 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), will apply
[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 on site: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Under no circumstance will deposits due by the contractor to any supplier or subcontractor for materials or equipment be paid prior to the delivery to site thereof, after which it will be regarded as materials and goods on site.
[40.2.2.#]	4) Dispute resolution by adjudication: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[26.1.2 #]	5) Extended defects liability period is applicable to the following elements: - all civil works such as roads, parking areas, stormwater & soil

	<p>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</p> <p>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</p> <p>4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Bidders, will not be permitted</p> <p>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> <p>Alternative Indices: Not Applicable</p>
<p>42.4.7</p> <p>[3.10]</p>	<p>Details of changes made to the provisions of JBCC standard documentation</p> <p>Clause 1.1</p> <p>COMMENCEMENT DATE – means the date that the agreement, made in terms of the 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 date that possession of the site is given to the contractor 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 Bidder, and includes collusive practice among Bidders (prior to and after the Bidder submission) designed to establish Bidder prices at artificial non-competitive levels and to deprive the Bidder 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 in terms of the legislation of the Republic of South Africa, and in particular:</p> <p>(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and</p> <p>(b) in respect of interest owed to the employer, the interest 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), will apply</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 expenses 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 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 Bid.</p> <p>3.7 Add at the end thereof:</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 to at all times.

3.10 Replace the second reference to “**principal agent**” with the word “**employer**”

4.3 No clause

5.1.2 under clause 41- Include reference to 32.6.3; 34.3 and 34.4 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

10.5 Add the following as 10.5

Damage to the works

- 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
- 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**
- 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
- 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

10.6 Add the following as 10.6

Injury to Persons or loss of or damage to Properties

- 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 neglect of any person for whose actions the **employer** is legally liable
- 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 neglect 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**.
- 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

	<p>or added to, the contractor, shall and will remain adequately insured or insured 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> <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 Add the following as 10.7</p> <p>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. 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>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>14.0 Replace the entire clause 14.0 with the following:</p> <p>14.0 SECURITY</p>
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	<p>14.1 In respect of contracts with a contract sum up to R1 million, the security to be submitted by the contractor to the employer will be as a payment reduction of five percent (5%) of the value certified in the payment certificate (excluding VAT)</p> <p>14.1.1 The payment reduction of the value certified in a 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 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 fourteen (14) 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 fourteen (14) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected.</p> <p>14.3 Where the security as a cash deposit of ten percent (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 percent (10%) of the contract sum (excluding VAT) within fourteen (14) calendar days from commencement date</p> <p>14.3.2 Within fourteen (14) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three percent (3%) of the contract value (excluding VAT), and refund the balance to the contractor</p> <p>14.3.3 Within fourteen (14) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one percent (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 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 a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected: NOT APPLICABLE</p> <p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten percent (10%) of the contract sum (excluding VAT) within fourteen (14) calendar days from commencement date</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 Bidder</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>
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14.5	Where security as a fixed construction guarantee of five percent (5%) of the contract sum (excluding VAT) and a five percent (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 percent (5%) of the contract sum (excluding VAT) within fourteen (14) calendar days from commencement date
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 percent (5%) of the contract sum (excluding VAT) and a payment reduction of five percent (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 percent (5%) of the contract sum (excluding VAT) within fourteen (14) 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 percent (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 percent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable
15.1.1	No clause
15.1.4	Add 15.1.4 as follows:

	<p>An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within fourteen (14) calendar days of commencement date.</p> <p>The abovementioned plan shall also address all additional requirements with regard to the Coronavirus pandemic in terms of all Covid-19 legislation, regulations and guidelines as an additional safe work procedure on site.</p>
15.2.1	<p>Under 41: Amend to read as follows:</p> <p>“Give the contractor possession of the site within five (5) working days of the contractor complying with the terms of 15.1.2 and 15.1.4</p>
17.1.11	Delete the words “and the appointment of nominated and selected subcontractors ”
20.1.3	No clause
21.0	No clause
29.2.5	No clause
31.5.2	Security adjustments in terms of 14.0 and 31.8
31.1.4	Add 15.1.4 as follows:
31.6	The value of materials and goods in terms of 31.4.2 shall be included in the value certified only where, to the satisfaction of the principal agent, the materials and goods are:
31.6.5	<p>Add 31.6.5 as follows:</p> <p>Covered by an advance payment guarantee or such other security as may be accepted by the employer where stored off the site. Standard JBCC Guarantee wording would be applicable.</p>
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 percent (95%) of such value in interim payment certificates issued up to the date of practical completion
31.8(A).2	Ninety-seven percent (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 percent (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 percent (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 .
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:
31.8(B).1	Ninety percent (90%) of such value in interim payment certificates issued up to the date of practical completion

31.8(B).2	Ninety-seven percent (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(B).3	Ninety-nine percent (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(B).4	One hundred percent (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
31.9	Replace “twenty-one (21) calendar days” with “thirty (30) calendar days”. Should the Contractor’s tax clearance certificate expire during the contract period, the Employer shall be entitled to withhold payment without incurring any liability for interest, until a valid tax clearance certificate is submitted to the Employer, at which point, upon that date, the thirty (30) day period for due date of payment of the invoice shall commence.
31.12	Delete the following: “Payment shall be subject to the employer giving the contractor a tax invoice for the amount due.”
32.5.1 32.5.4 and 32.5.7	Add the following to the end of each of these clauses: “...due to no fault of the contractor ”
32.12	Replace “ contractor ” with “ employer ”
33.2	Add the following clauses 33.2.9 to 33.2.13:
33.2.9	the contractor’s failure or neglect to commence with the works on the dates prescribed in the contract
33.2.10	the contractor’s failure or neglect to proceed with the works in terms of the contract
33.2.11	the contractor’s failure or neglect for any reason to complete the works in accordance with the contract
33.2.12	the contractor’s refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract
33.2.13	the contractor’s estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa
34.13	Replace “seven (7) calendar days” with “thirty (30) calendar days” and delete the words: “subject to the employer giving the contractor a tax invoice for the amount due” as per PPPFA
36.3	Remove reference to “No clause”, and replace “ principal agent ” with “ employer ”
36.7 and 38.7	Add the following: “Notwithstanding any clause to the contrary, on cancellation of this 37.5 this agreement either by the employer or the contractor ; or for any reason whatsoever and 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”
37.3.5 and 38.5.4	Replace “ninety (90)” with “one hundred and twenty (120)”

	<p>39.3.5 Add the following words at the end thereof: :”within one hundred and twenty (120) working days of completion of such 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>
42.0	PART 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR
42.0.1	The successful contractor must have a built environment professional on his staff or he must employ one for the duration of the contract.
42.0.2	All bids shall remain valid for a period of one hundred and twenty (90) calendar days after the Request for Bid closing date.
42.0.3	The successful bidder will be required to submit an Approved Health and Safety File within fourteen (14) calendar days upon receipt of the letter of award.
42.0.4	The successful bidder will be required to submit a letter of good standing from the compensation commission or FEMA within fourteen (14) calendar days upon receipt of the letter of award.
42.0.5	The successful Bidder will be required to submit a construction program and contractor’s cash flow within twenty one (21) calendar days upon receipt of the letter of award.
42.0.6	At least thirty percent (30%) of the total labour force employed during the execution of the works , shall be from the local community.
42.0.7	Labour rates to be in line with National Minimum Wage Act.
42.0.8	SMME Allocation to be inline with the allocation as per the regulation (30%) above the threshold stipulated by the authorities.
	POST-BID INFORMATION
42.5	CONTRACT DETAILS
42.5.1	<p>Contractor:</p> <p>.....</p> <p>Postal address:</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>Tel: Fax: E-mail:</p> <p>TAX / VAT Registration No:</p> <p>Physical address:</p> <p>.....</p>

									
42.5.2	<p>The accepted contract sum inclusive of tax is</p> <p>R.....</p> <p>Amount in words:</p> <p>.....</p>									
42.5.3 [31.3]	<p>The latest day of the month for the issue of an interim payment certificate:</p> <p>.....</p>									
42.5.4 [32.12]	<p>The preliminaries amounts shall be paid in terms of: Alternative A <input checked="" type="checkbox"/> Alternative B <input type="checkbox"/></p>									
42.5.5 [32.12]	<p>The preliminaries amounts shall be adjusted in terms of: Alternative A <input checked="" type="checkbox"/> Alternative B <input type="checkbox"/></p>									
42.5.7 [14]	<p>The security to be provided by the contractor:</p> <p>(a) in respect of contracts up to R1 million, the contractor will provide security in terms of 14.1</p> <p>(b) in respect of contracts above R1 million, the contractor will provide, as security, one of the following:</p> <table border="1"> <tr> <td>(1) cash deposit of 10% of the contract sum (excluding VAT)</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td></tr> <tr> <td>(2) payment reduction of 10% of the value certified in the payment certificate (excluding VAT)</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td></tr> <tr> <td>(3) 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)</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td></tr> <tr> <td>(4) 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)</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td></tr> </table> <p>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.</p>	(1) cash deposit of 10% of the contract sum (excluding VAT)	Yes <input type="checkbox"/> No <input type="checkbox"/>	(2) payment reduction of 10% of the value certified in the payment certificate (excluding VAT)	Yes <input type="checkbox"/> No <input type="checkbox"/>	(3) 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 <input type="checkbox"/> No <input type="checkbox"/>	(4) 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 <input type="checkbox"/> No <input type="checkbox"/>	
(1) cash deposit of 10% of the contract sum (excluding VAT)	Yes <input type="checkbox"/> No <input type="checkbox"/>									
(2) payment reduction of 10% of the value certified in the payment certificate (excluding VAT)	Yes <input type="checkbox"/> No <input type="checkbox"/>									
(3) 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 <input type="checkbox"/> No <input type="checkbox"/>									
(4) 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 <input type="checkbox"/> No <input type="checkbox"/>									
42.5.8 [29.7.2]	<p>The annual building holiday period after the commencement of the construction period: from to</p>									
42.6	DOCUMENTS									
42.6.1	<p>Contract documents marked and annexed hereto:</p> <table border="1"> <tr> <td>Priced bills of quantities:</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td><td>Document marked as</td></tr> <tr> <td>Lump sum document:</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td><td>Document marked as</td></tr> <tr> <td>Guarantees:</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td><td>Document marked as</td></tr> </table>	Priced bills of quantities:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as	Lump sum document:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as	Guarantees:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as
Priced bills of quantities:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as								
Lump sum document:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as								
Guarantees:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as								

	Contract drawings:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Document marked as
	Other documents	Yes <input type="checkbox"/> No <input type="checkbox"/>	(attach additional pages if more space is required)
.....			
.....			
.....			
.....			
.....			
.....			

42.8	SIGNATURES OF THE CONTRACTING PARTIES	
	Thus done and signed at _____ on _____	
	_____ Name of signatory	_____ for and behalf of the Employer who by signature hereof warrants authorization hereto
	_____ Capacity of signatory	_____ as Witness
	Thus done and signed at _____ on _____	
	_____ Name of signatory	_____ for and behalf of the Contractor who by signature hereof warrants authorization hereto
	_____ Capacity of signatory	_____ as Witness

C1.3 Form of Guarantee

C 1.3.1: FIXED CONSTRUCTION GUARANTEE - JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

1. With reference to the contract between _____
_____ (hereinafter referred to as the
“**contractor**”) and the **Eastern Cape Department of Education** (hereinafter referred to as the “**employer**”).
Request for Bid No: **BID NO: SCMU6-25/26-0004** for the **APPOINTMENT OF A COMPLETION CONTRACTOR
FOR AMASANGO CAREER SCHOOL** (hereinafter referred to as the “contract”)
in the amount of R _____, (_____
_____) (amount in words),
(hereinafter referred to as the **contract sum** excluding VAT.)
I/We, _____
in my/our capacity as _____ and hereby
representing _____ (hereinafter
referred to as the **guarantor**”) advise that the **guarantor** hold at the **employer’s** disposal the sum of
R _____ (_____)
(amount in words) being 5% 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 _____ 20____

AS WITNESS

1. _____

2. _____

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: _____

- 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:

Part 3: Returnable Schedules/Documents

T2.1 List of Returnable Documents

2.1: LIST OF RETURNABLE DOCUMENTS

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL		
Principal Agent:	Eastern Cape Province Department of Education	Bid No:	SCMU6-25/26-0004

1. RETURNABLE DOCUMENTS REQUIRED FOR TENDEER EVALUATION PURPOSES

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

Bid Document Name	Number of pages issued	Returnable Document
Declaration of Interest (SBD4)	3 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Preference points claim form in terms of Preferential Procurement Regulations 2022 (SBD 6.1)	6 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Certificate of Authority for Signatory (T2.2.1)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Certificate of Authority for Joint Ventures (T2.2.2) (if applicable)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Schedule of Proposed Subcontractors (T2.2.3)	1 Page	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Final Summary Page of Bills of Quantities (C1.1a)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed Project Reference Forms (T2.2.13)	6 Pages	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2. OTHER DOCUMENTS REQUIRED FOR REQUEST FOR BID EVALUATION PURPOSES

Bid Document Name	Number of pages issued	Returnable Document
Site Inspection Certificate (T2.2.4)	1 Page	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Capacity of the Bidder (T2.2.6)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Relevant Project Experience - Completed Projects (T2.2.7)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Relevant Project Experience - Current Projects (T2.2.8)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CIDB Grading Certificate (T2.2.11)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Letter of Good Standing from Compensation Fund (T2.2.12)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof of Locality of Head Office (T2.2.12)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3. RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

Bid Document Name	Number of pages issued	Returnable Document
Record of Addenda to Request for Bid Documents (T2.2.5)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Schedule of Plant and Equipment (T2.2.9)	1 Page	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Compulsory Enterprise Questionnaire (T2.2.10)	1 Page	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

Bid Document Name	Number of pages issued	Returnable Document
Form of Offer and Acceptance (C1.1)	3 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Contract Data (C1.2)	14 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Applicable form of Guarantee (C1.3)	4 Pages	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Priced Bills of Quantities including Preliminaries (C2.2)	70 Pages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

T2.2 Returnable schedules

SBD 4 : BIDDER'S DISCLOSURE

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES/NO

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

² 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 ~~56~~ contract.

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

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

.....
Signature	Date

.....
Position	Name of bidder

SBD 5 : The National Industrial Participation Programme

This document must be signed and submitted together with your bid

THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

INTRODUCTION

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1 PILLARS OF PROGRAMME

- 1.1 The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:
- (a) Any single contract with imported content exceeding US\$10 million.
or
 - (b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2 year period which in total exceeds US\$10 million.
or
 - (c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.
or
 - (d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.
- 1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30 % of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a *pro-rata* basis.
- 1.3 To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.

- 1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND

- 2.1 In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of **R10 million** (ten million Rands), submit details of such a contract to the DTI for reporting purposes.
- 2.2 The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1. (d) above.

3 BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

- 3.1 Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with the bid on the closing date and time.
- 3.2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:
- Bid / contract number.
 - Description of the goods, works or services.
 - Date on which the contract was accepted.
 - Name, address and contact details of the government institution.
 - Value of the contract.
 - Imported content of the contract, if possible.
- 3.3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Mr Elias Malapane within five (5) working days after award of the contract. Mr Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4 PROCESS TO SATISFY THE NIP OBLIGATION

- 4.1 Once the successful bidder (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:
- a. the contractor and the DTI will determine the NIP obligation;
 - b. the contractor and the DTI will sign the NIP obligation agreement;

- c. the contractor will submit a performance guarantee to the DTI;
- d. the contractor will submit a business concept for consideration and approval by the DTI;
- e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;
- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.1 The NIP obligation agreement is between the DTI and the successful bidder (contractor) and, therefore, does not involve the purchasing institution.

Bid number

Closing date:.....

Name of bidder..... Postal

address

.....

Signature.....

Name (in print).....

Date.....

SBD 6.1 : Preference Points Claim Form

SBD 6.1

PREFERENCE POINTS CLAIM FORM

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- 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 **To be completed by the organ of state**

(delete whichever is not applicable for this tender).

- a) ~~The applicable preference point system for this tender is the 90/10 preference point system.~~
- b) The applicable preference point system for this tender is the **80/20** preference point system.
- c) ~~Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.~~

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) “**tender**” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

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

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

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

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \end{array}$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.)

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically disadvantaged individuals	2	4		
Persons with disabilities	1	2		
Promotion of Youth	1	3		
Woman Participation	2	3		
Enterprises located in the Eastern Cape Province	4	8		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

T2.2.1 Certificate of Authority for Signatory

T2.2.1: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

NOTE: Bidders can use this form or attach a separate Letter of Authority for Signatory

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form on the company's letterhead.

"By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears below, has been duly authorised to sign all documents in connection with the bidder for Contract No. _____

and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

1. _____ SIGNATURE: _____

2. _____ SIGNATURE: _____

T2.2.2 Certificate of Authority for Joint Ventures

T2.2.2: CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

This returnable schedule is to be completed by joint ventures.

We, the undersigned, are submitting this Request for Bid in Joint Venture and hereby authorise Mr/Ms

_____, of the company _____

_____, acting in the

capacity of lead partner, to sign all documents in connection with the Request for Bid and any contract resulting from it on our behalf.

Name of Firm	Address	Duly Authorised Signatory
Lead Partner _____		Signature: _____ Name: _____ Designation: _____
 _____		Signature: _____ Name: _____ Designation: _____
 _____		Signature: _____ Name: _____ Designation: _____
 _____		Signature: _____ Name: _____ Designation: _____

T2.2.4 Site Inspection Certificate

T2.2.4: SITE INSPECTION CERTIFICATE

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

I/We have visited the site for the above-mentioned works at the date specified below.

I/We have thoroughly studied the site, plans and contract documents and I/We have brought myself/ourselves fully conversant with all aspects which could possibly influence the construction of the works.

I/We further certify that I/We am/are satisfied with the description of the works and the explanation given to me/us by the Representative/Agent at the inspection and I/We fully understand the extent of the work to be done as specified and implied for the execution of this contract.

Both attendance Register and Site inspection certificate could be used to verify attendance.

Date of Inspection: **22 July 2025**

Time of Inspection: 14H00

Name of Tenderer

Signature of Tender

Signature of Representative/Agent

Date

T2.2.5 Record of Addenda to Request for Bid Documents

T2.2.5: RECORD OF ADDENDA TO BID DOCUMENTS

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

We confirm that the following communications received from the Employer before the submission of this Request for Bid offer, amending the Request for Bid documents, have been taken into account in this Request for Bid offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed

Date

Name

Position

Bidder

T2.2.6 Capacity of Bidder

T2.2.6: CAPACITY OF THE BIDDER

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

WORK CAPACITY: (The Bidder is requested to furnish the following capacity particulars and to attach additional pages if more space is required. Details of project team including CV, qualifications and proof of registration completed for each individual to be provided by Bidder. Failure to furnish the particulars may result in the Bid being disregarded.)

Artisans and Employees: (Artisans and Employees to be, or are, employed for this project)

Quantity / No. of Resources	Categories of Employee - Key Personnel (part of Business Enterprise)	Professional Registration No.	Date of Employment
	Site Agent		
	Project Manager		
	Foreman		
	Quality Control & Safety Officer-Construction Supervisor		
	Artisans		
	Unskilled employees		
	Others		

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the Bidder are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed:	Date:
Name:	Position:

Bidder:

T2.2.7 Relevant Project Experience - Completed Projects

T2.2.7: RELEVANT PROJECT EXPERIENCE – COMPLETED PROJECTS

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

Bidders must submit a max one-page description of at least three projects successfully completed.

Attach a Completion Certificate for each of the project provided.

The description of each project must include the following information:

1. Essential introductory information:
 - 1.1. Name of project.
 - 1.2. Name of client.
 - 1.3. Contact details of client.
 - 1.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 1.5. The period during which the project was performed, and also, if this is different, the period during which the Bidder's team members were contracted.
 - 1.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.	NAME OF PROJECT	NAME OF CLIENT	CONTACT DETAILS OF CLIENT	PROJECT VALUE	DATE COMPLETED
1					
2					
3					

Attach a separate page to address this issue (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the Bidder are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed _____ Date _____

Name _____ Position _____

Bidder _____

T2.2.8 Relevant Project Experience - Current Projects

T2.2.8: RELEVANT PROJECT EXPERIENCE – CURRENT PROJECTS

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

Bidders must submit a max one-page description of at least three projects under construction/ on hold/ just handed over/ towards completion (if they exist).

Attach an Appointment letter for each of the project provided.

The description of each project must include the following information:

2. Essential introductory information:

- 2.1. Name of project.
- 2.2. Name of client.
- 2.3. Contact details of client.
- 2.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
- 2.5. The period during which the project was performed, and also, if this is different, the period during which the Bidder's team members were contracted.
- 2.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.	NAME OF PROJECT	NAME OF CLIENT	CONTACT DETAILS OF CLIENT	CONTACT DETAILS OF REFERENCES	PROJECT VALUE	STAGE OF PROJECT
1						
2						
3						

Attach a separate page to address this issue (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the Bidder are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed _____ Date _____

Name _____ Position _____

Bidder _____

T2.2.9 Schedule of Plant & Equipment

T2.2.9: SCHEDULE OF PLANT AND EQUIPMENT

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

The following are lists of major items of relevant equipment that I/we presently own or lease and will have available for this contract or will acquire or hire for this contract if my/our Bid is accepted.

(a) Details of major equipment that is owned by and immediately available for this contract.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

(b) Details of major equipment that will be hired, or acquired for this contract if my/our Bid is acceptable.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Bidder _____

T2.2.10 Compulsory Enterprise Questionnaire

T2.2.10: COMPULSORY ENTERPRISE QUESTIONNAIRE

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL		
Bid No:	SCMU6-25/26-0004		
<p>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.</p>			
Section 1: Name of enterprise:			
Section 2: VAT registration number, if any:			
Section 3: CIDB registration number, if any:			
Section 4: CSD number:			
Section 5: Particulars of sole proprietors and partners in partnerships:			
Name*	Identity number*	Personal income tax number*	
<i>*Complete only if sole proprietor or partnership and attach separate page if more than 3 partners</i>			
Section 6: Particulars of companies and close corporations			
Company registration number:			
Close corporation number:			
Tax reference number:			
Section 7: SBD4 issued by National Treasury must be completed for each Bidder and be attached as a Request for Bid requirement.			
Section 8: SBD6 issued by National Treasury must be completed for each Bidder and be attached as a Request for Bid requirement.			
<p>The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:</p> <ul style="list-style-type: none"> i) authorizes the employer to verify the Bidders tax clearance status from the South African Revenue Services that it is in order; ii) confirms that the 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 bidding entities submitting Request for Bid offers and have no other relationship with any of the Bidders or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and v) 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			

T2.2.11 CIDB Grading Certificate / Proof of Registration

T2.2.11: CIDB GRADING CERTIFICATE/PROOF OF REGISTRATION

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

Bidders are required to submit with their Request for Bid:

A Certificate of Contractor Registration issued by the Construction Industry Development Board.

**NOTE: PROOF OF CIDB GRADING TO BE ATTACHED TO THIS PAGE BY
BIDDER
IN THE CASE OF A JOINT VENTURE, SEPARATE CERTIFICATES IN
RESPECT OF EACH PARTNER MUST BE SUBMITTED**

T2.2.12 Other certificates, etc.

T2.2.12: OTHER CERTIFICATES, ETC TO BE PROVIDED BY BIDDER

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Request for Bid No:	SCMU6-25/26-0004

Bidders are required to submit with their Request for Bid:

- Letter of Good Standing from Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993
- Proof of locality of head office by way of certified copy of municipal account or lease agreement

NOTE: CERTIFICATES, ETC TO BE ATTACHED TO THE RELEVANT PAGE HEREAFTER
--

**Insert Letter of Good Standing from Compensation
Fund**

T2.2.13 Insert Completed Project Reference Forms

PROJECT REFERENCE RETURNABLE 1 OF 3

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

NOTE: This returnable document must be completed by the person who was the principal agent on a construction project of similar value and complexity that was completed successfully by the Bidder.

I, _____ (name and surname) of
 _____ (company name) declare

that I was the principal agent on the following building construction project successfully
 executed by _____ (name of Bidder):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Bidder on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5
1. Project performance / time management / programming					
2. Quality of workmanship					
3. Resources: Personnel					
4. Resources: Plant					
5. Financial management / payment of subcontractors / cash flow, etc					

B. Would you consider / recommend this Bidder again:

YES	NO

C. Any other comments:

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 20__

Signature of principal agent

COMPANY STAMP

NOTE:

If reference cannot be verified due to the inability to contact the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points.

Name of Bidder

Signature of Bidder

Date

PROJECT REFERENCE RETURNABLE 2 OF 3

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

NOTE: This returnable document must be completed by the person who was the principal agent on a construction project of similar value and complexity that was completed successfully by the Bidder.

I, _____ (name and surname) of
 _____ (company name) declare

that I was the principal agent on the following building construction project successfully
 executed by _____ (name of Bidder):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Bidder on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5
1. Project performance / time management / programming					
2. Quality of workmanship					
3. Resources: Personnel					
4. Resources: Plant					
5. Financial management / payment of subcontractors / cash flow, etc					

B. Would you consider / recommend this Bidder again:

YES	NO

C. Any other comments:

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 20__

Signature of principal agent

COMPANY STAMP

NOTE:

If reference cannot be verified due to the inability to contact the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points.

Name of Bidder

Signature of Bidder

Date

PROJECT REFERENCE RETURNABLE 3 OF 3

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

NOTE: This returnable document must be completed by the person who was the principal agent on an construction project of similar value and complexity that was completed successfully by the Bidder.

I, _____ (name and surname) of
 _____ (company name) declare

that I was the principal agent on the following building construction project successfully
 executed by _____ (name of Bidder):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Bidder on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5
1. Project performance / time management / programming					
2. Quality of workmanship					
3. Resources: Personnel					
4. Resources: Plant					
5. Financial management / payment of subcontractors / cash flow, etc					

B. Would you consider / recommend this Bidder again:

YES	NO

C. Any other comments:

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 20__

Signature of principal agent

COMPANY STAMP

NOTE:

If reference cannot be verified due to the inability to contact the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points.

Name of Bidder

Signature of Bidder

Date

THE CONTRACT

Part 4: Scope of Work

C3.1 Scope of work

**C3.1: SCOPE OF WORKS – JBCC 2000 PRINCIPAL BUILDING
AGREEMENT (Edition 4.1 of March 2005)**

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Request for Bid No:	SCMU6-25/26-0004

C3. Scope of Works

1. GENERAL

a) EXTENT OF THE WORKS

The work comprises of:

Short Term Intervention

- Relocation of 5x Singular Prefabricated Classrooms
- Relocated Ablutions
- New Ablutions
- 4 Classrooms & Store Rooms
- Administration Block
- Beauty Salon Workshop
- Sewing Workshop
- Art & Craft Workshop
- Pottery Workshop
- Courtyard to be used as dual space
- Electrical
- Civil & Structural
- Sewer Connections
- Entrance
- Fencing
- Elevated Water Tank
- Kitchen and Outdoor Eating Area
- Outdoor Learning Areas

a) ORDER OF THE WORKS

N/A

b) BUILDING OCCUPIED

Yes

c) ACCESS – Gravel Road

C3.2 Health and Safety Specification

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

FOR CONSTRUCTION OR REFURBISHMENT OF EC SCHOOLS (SMALL PROJECTS)

**EASTERN CAPE DEPARTMENT OF
EDUCATION
(THE “CLIENT”)**

Prepared By:	Dr. Claire Deacon CHSA010/2013
Last revision 02/12/2022 By:	Ntokozo Ngwenya

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Project Details	
Date of compilation:	Revision number: 00
Value of project:	Commencement date:
	Contract period:
Occupational Health and Safety Agent:	

<i>Professional responsibilities</i>	<i>Company</i>	<i>Contact person</i>	<i>Telephone</i>	<i>Fax</i>	<i>email</i>
Architects					
Civil Engineers					
Structural Engineers					
Electrical Engineers					
HVAC Engineers & Fire Consultants					
Quantity Surveyors					

Site Details:

Locality of the works:

REFERENCES,

- Occupational Health and Safety Act (OHSA) No. 85 of 1993 and Regulations (as amended);
- Compensation for Injury and Occupational Diseases Act (COIDA) No. 100 of 1993 (as amended);
- South African Council for the Project and Construction Management Professions (SACPCMP) 2013: Scope of services for the OHS Consultant, Manager and Officer;
- Any other internal standards and specifications developed by the Client as they affect the operations, and
- The amended Baseline Risk assessment
- South African Roads Traffic Safety Manual (SARTSM) Chapter 2, Volume 13 of 1999
- Road Traffic Safety Act No. 93 of 1996 (as amended)
- Construction Specifications & Standards 6.0 for Southern Africa. Hans Wegelin 6th Edition 2010
- SANS Code 10400
- SABS 1200

1. LIST OF ABBREVIATIONS

AIA	Approved Inspection Authority
BoQ	Bill of Quantities
CC	Compensation Commissioner
CR	Construction Regulations
CHSO	Construction Health and Safety Officer
DMR	Driven Machinery Regulations
DEL	Department of Employment and Labour
FEMA	Federated Employers Mutual Association
GAR	General Administration Regulations
GSR	General Safety Regulations

HCSR	Hazardous Chemical Substances Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
ER	Engineer's Representative
LI	Labour Intensive
DMA	Disaster Management Act
OH	Occupational Health
OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
SSHSS	Site Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
SANS	South African National Standards (Authority)
SACPCMP	South African Council for Project and Construction Management Professions
SDS	Safety Data Sheet
SMME	Small, Micro, Medium Enterprise
SWP	Safe Work Procedure
PREAMBLE	

Each year fatalities, serious injuries and poor attitudes of Contractors mar the reputation of the Construction Industry. The CLIENT has a responsibility to limit its risk by ensuring a zero tolerance and better practice approach to Contractors and those affiliated to a particular project. Thus, a high premium is placed on the health and safety (H&S) of the Client and stakeholders, which include its employees, professional service providers, public and its physical assets.

The responsibilities that the Client and relevant stakeholders have toward its employees are captured in, but not limited to this document. The responsibilities stem from both moral, civil and a variety of legal obligations. The Principal Contractor is to take due cognisance of the above statement.

Where there is an appointed OHS Consultant its behalf, shall provide a site specific Health & Safety Specification (SSHSS) for the project and provide the Principal Contractor/s (PC) making a bid or appointed to perform construction work for the project, or parts thereof.

By drawing up this SSHSS, the Client has endeavoured to address the most critical aspects relating to H&S issues in order to assist the contractor in adequately providing for the health and safety of employees on site.

Should the Client not have addressed all H&S aspects pertaining to the work that is tendered for, the contractor needs to include it in the SSHSP and inform the Client of such issues when submitting the tender, or as soon as identified.

Notwithstanding the above, cognisance needs to be taken of the current Disaster Management Plan, and all the requirements of the current levels of lockdown, standards, guidelines and information published from time to time.

2. Purpose of the Site Specific Health and Safety Specification (SSHSS)

The SSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client, Agents, Professional Designers (Engineers, Quantity Surveyors and Architects), Principal Contractors and Contractors achieve an acceptable level of OHS performance.

No advice, approval of any document required by the SSHSS, such as hazard identification and risk assessments, or any other form of communication from the Client shall be construed as acceptance by the Client of any obligation that absolves the Principal Contractor from achieving the required level of performance and compliance with legal requirements. Furthermore, there is no acceptance of liability by the Client, which may result from the Principal Contractor failing to comply with the SSHSS, i.e. the Principal Contractor remains responsible for achieving the required performance levels.

A Mandatary Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing. If the NEC contract is used a copy of the signed contract shall form part of the H&S file submission.

The SSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation. Requirements may be changed should new risks or issues are identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or standards (legislated or determined by the Client) that are promulgated or accepted during the contract will automatically be applied.

Environmental management shall receive due attention as per the requirements of the Environmental Control Officer (ECO), but will be managed by the ECO directly if applicable to the project.

2.1 Project description/detailed scope of work as it applies to the project (Details as per the scope of work)

The Scope of work as identified by the Stakeholders is as follows:

- Preliminary and General
- Breaking
- Painting
- Carpentry
- Brickwork
- Roof Work
- Asbestos Work

The works shall be done in accordance with the applicable SANS 1200 specifications, Municipal By-laws and Regulations, variations and additions to the standardized specifications applicable to this contract and the technical specifications of the Client for work that falls outside of the standardized specifications.

2.2 Programme Description

Clarification Meeting	<i>TBA</i>
Time allowed for preparation of H&S plan/file after tender award	
Approval date of SSHSP	<i>Within 1 week after submission but subject to content as per this requirement, for more than one review.</i>
Induction dates	<i>To be advised after Approvals of H&S Plan/file</i>
Estimated Commencement date of work on site	<i>Subject to approval of H&S Plan.</i>
Estimated Project completion date or project duration	<i>Dependant on site establishment and site hand over</i>
Project term	

3. Implementation of the Site Specific Occupational Health and Safety Specifications (SSHSS)

The site specific H&S specification (SSHSS) forms an integral part of the Contract, and PCs are required to make it an integral part of their Contracts with Contractors and Suppliers. A SSHSS will be available for each level of Contract and Contractor and must be complied with.

This specification must be read in conjunction with the OHSA, Regulations (as amended) and any other standards relating to work being done and ensure compliance thereto. The information relative to the scope of the project, the works etc. are detailed in the tender, are to be considered when developing the SSHSP and associated documentation. The summary of risks is included in Section 2 of the SSHSS.

The OHSA S.37.2 Mandatory Agreement must be fully completed by the PC, supplied by the Client. These documents shall be deemed to form part of the returnable Contract Documents.

No work may commence without written approval of the SSHSP by the H&S Agent, or the responsible person of the Client.

Should there be design changes, or change in the scope of works, an amended SSHSS may be issued. Where amended SSHSSs are issued, the PC will be required to ensure a resubmission of an amended SSHSP for approval. Further to this, the PC must ensure that similar information must be provided as it applies to the works to all their Contractors, within 5 working days following notification thereof. Such design changes.

The OHS Consultant will visit the project at least bi-monthly to ensure compliance and limit risk. All activities on the site and all appropriate documentation will be monitored and reported on to the Client and the Designer.

Non-conformances will be issued, and penalties or work stoppage will be issued where appropriate. Communication between the OHS Consultant and the PC will be through the Designer (or Client's responsible person) as determined at the commencement of the project.

3.1 Requirements at Start Up

A site specific H&S Plan (SSHSP) in response to this SSHSS will be subject to approval by the OHS Consultant within the stipulated time period as noted in the tender. This must include all supporting documentation as required to verify the H&S system:

- A declaration to the effect that the PC has the competence and necessary resources to carry out the work safely in compliance with the Occupational Health and Safety Act and its Regulations;
- A valid Letter of Good Standing;
- Detailed technical method statements along with, and aligned with the project programme for review by the Principal Agent, Designer and appropriate risk assessments and safe work procedures for approval by the OHS Consultant or Client:
- Site establishment including:
 - A procedure must be drafted relative to protection/ prevention of injury to persons other than PC employees, during undertaking of such construction activity.
 - Exposure of services, power, telecommunication etc.;
 - Arrangements for hoarding, traffic accommodation if applicable:
 - Excavating for services;
 - An emergency plan indicating how and where emergencies will be handled, and
 - Working at heights (if applicable).

Further method statements are to be submitted prior to, and during the project where changes or new work is required, and the approval of the Principal Agent/Client is required before work on that aspect or activity can commence. The construction CHSO (CHSO) is to be included in production planning sessions/meetings to ensure that the appropriate risk assessments, safe work procedures and communication required are available and completed timeously.

Penalties will be applied should this not be adhered to and deemed a serious offence.

4. GENERAL REQUIREMENTS

4.1 Summary of Risks identified during Design

The intention of the summary of findings from the design risk assessment is to highlight the residual risks identified during the design phase. The full design risk assessment can be found in the tender document.

The summary of risks provided is to point the contractor towards some risks he may not be aware of during tendering stage and while developing his formal risk assessments for the project.

The design risks and the management thereof should be included in the PC risk assessments. Where there are other Contractors appointed to do work, the PC is to ensure that Contractors include such information in their risk assessments.

The summary is to be developed following the completion of the Design risk assessment, and to include the residual risks as they apply to the project.

PHASES OF THE PROJECT	RESIDUAL RISKS IDENTIFIED TO BE MANAGED (as applicable)
Site Establishment	Bringing in containers, fitting with electricity, phone and fax, toilet hire. Hoarding, security and access to be managed and in place.
Site Clearance	Traffic accommodation, movement of heavy construction vehicles, use hand tools, chainsaws, use of local labour and contractors.
Earthworks	Open excavations, use of plant and machinery, use of lifting equipment for laying storm water concrete pipes, electrical hand tools plant and equipment during paving. Noise monitoring.
Ancillary Roadworks	Use of chemicals, excavation and use of hand tools.

Housekeeping, stacking and storage	The area is adequate to ensure housekeeping and stacking and storage principles are followed. However, the children need to be kept well away from all work areas including the site camp, and notices to be clear in warning of dangerous construction activities. Care and increased attention to ensure all materials and vehicles are carefully managed and designated routes are used.
General	Use of local labour, and contractors, CLO to do regular information sessions. High winds and inclement weather require monitoring for all working at heights
Painting	Hand mixing may occur, 50kg paint drums are an ergonomic risk from handling. Potential eye, skin and respiratory irritant from paint fumes exposure, chromates.

4.2 Specified Hazardous Chemical Substances

The following lists of products or substances are those which have been identified as likely to be used on the project. This list is not inclusive and other products may be considered. Where the PC is likely to supply the product as the product has not been specified, safety data sheets (SDSs) need to be considered prior to all selections.

PRODUCTS/SUBSTANCES/RISKS	POTENTIAL HEALTH OR OTHER RISKS
Cement	Hand mixing may occur, 50kg bags are an ergonomic risk from handling. Potential eye, skin and respiratory irritant from dust exposure, chromates.
Cement/Silica dust	Caused by cutting, grinding, sanding of any concrete/granite/tiled surface/masonry.
Wood dusts	Caused by cutting, sanding, drilling wooden products treated Viz fencing poles.
Mineral turpentine	Applying paint and cleaning of paint brushes. Potential eye, nose, skin and respiratory irritant.
Paint	Splashes into eyes, onto skin causing irritation.
Cleaning materials	Use of disinfectants and sanitizers

5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

5.1 Structure and Organization of H&S Responsibilities

An organogram will be available to identify key appointments and responsibilities on site and be kept up to date throughout the project.

5.1.1 Notification of Commencement of Construction Work

The PC shall notify the Provincial Director of the Department of Employment and Labour (DEL) in writing, in the form of the Annexure in the CRs. This shall occur within 7 days of the award of the contract. Proof of submission and/or receipt must be provided and kept in the H&S file.

Where changes to the conditions given in the submission are required (i.e. Contractors, completion dates, increase in workers), a revised Annexure A must be submitted to the DEL. The completion date is to include the defect and liability period. A copy of the notification form and any further submissions/correspondence must be kept in the H&S file.

6. HEALTH AND SAFETY PLAN FRAMEWORK

The H&S aspects related to the project outlined in the previous sections are to be taken into account when drawing up the H&S Plan. The PC is required to demonstrate competence by providing an H&S system that will address the requirements of the project.

The current legislative requirements, SABS codes, SANS 10400 and any other standards that may guide practice are to be taken into consideration. The following aspects must be addressed in the SSHSP, as they have been identified in section 2, as playing a role in reducing the overall risk of a particular activity, or section of the project. The OHS Agent may from time to time request additions or systems as they relate to the works or legislative requirements at the time.

The PC is to prepare a site layout drawing to indicate at least the following to submit with the H&S plan:

- The positions of site offices of all Contractors, toilets, drinking water and worker rest areas;
- Indicate the positions of emergency planning and equipment and first aiders;
- Protection of plant and public, indicate parking, designated vehicular routes and access to site;
- Storage areas (materials and equipment, waste etc.), and
- Storage of materials and waste;

Such layouts are to be updated regularly throughout the project.

Cognisance is to be given to those permanent employees who are over 60 years of age, and younger workers who have underlying chronic health issues such as high blood pressure, diabetes, TB, HIV and AIDS etc. Specialised workers who are indispensable will need to be declared fit for work by an occupational health service provider.

Key appointments and succession planning is to be available to ensure those who are playing key roles are able to cover the project at all times.

The project Organogram is to be updated accordingly and signed and dated at each update.

6.1 Appointment of Competent Site Personnel

The CEO (OHSA S16.1 or 16.2) of the PC will take overall responsibility for the appointment of competent site staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Site Agent (OHSA 16.2). Knowledge and training in H&S are required and certificates indicating H&S training as well as experience to be included in CVs.

All other legal appointments are to be made with relevance to the type of work required and kept current with the project programme. The construction team is to ensure the appointed CHSO is kept up to date with all planned activities, to ensure all H&S requirements are met.

All construction/technical method statements are to be generated by senior site personnel, and the appropriate risk assessments developed therefrom in conjunction with the CHSO.

The SSHSP shall include the following, but is not limited to the following key appointments:

6.1.1 Construction Supervision

Competent supervisors will be appointed to manage part or all of the works and have training and/or experience in the area of responsibility, regarding CR 8.1, 8.2 and 8.7. All site supervisors must show evidence of appropriate training in H&S, and an understanding or training in areas of responsibility (i.e. risk assessments, method statements etc.).

Curriculum Vitae (CVs) are to be submitted for approval by the Principal Agent, and/or Client. The Supervisor will be held responsible for the safety of working teams and subordinates, housekeeping and stacking and storage of materials.

6.1.2 Construction Health and Safety Officer

The PC shall employ at least one competent, CHSO for the duration of the contract. The CHSO's CV is to be submitted for approval by the OHS Agent or the Client, at time of tender

The PC is to ensure adequate resources are provided in order to undertake all responsibilities (i.e. mobile phone, computer and internet access, etc.).

Qualifications shall include at least Grade 12, SAMTRAC/NEBOSH/Diploma in H&S qualifications or similar, with exposure to civil engineering and similar road construction, with at least 5 years' experience, given the level of project complexity preferably in an OHS capacity. He should also have undergone training in the Act and Regulations. In the case of a contract where contractors are employed, the CHSO must have a competence to evaluate the Contractors Health and Safety plans and be registered with the SACPCMP as a CHSO.

This person may not hold any other position on the site staff. The site supervisor may not act as the CHSO. The CHSO appointed for the project will be held responsible for all H&S on the project.

- Senior site staff and supervision, Contractors are to follow systems, instructions etc. given by the CHSO at all times;
- No new workers or Contractors may commence work without approval or following the SSHSP as submitted;
- No inductions of any Contractors' staff until the H&S documentation is approved by the CHSO, and
- The CHSO may not be removed or replaced without the approval of the H&S Agent, nor may the site be left unattended for more than 1 day without adequate, competent cover.

A monthly report of all H&S activities and incidents is required by the end of the first week of each month, or at a date agreed to by the OHS Consultant /Client and the CHSO. An example of the monthly report is attached as an Annexure D.

The CHSO will be responsible for collating the H&S documentation at the close out of the project in electronic format, properly labeled and filed. A list of the typical aspects that should be provided is available as Annexure B to this document. The PC is to ensure that all Contractors documentation follows the same requirements and closed out. H&S documentation must be completed and be available with the close out of the main contract, or as determined at the time.

Failure to do so will be considered a serious offence and penalties applied. Failure could also result in retentions or project certification not being issued to the PC.

6.1.3 Traffic Safety

The CHSO will be responsible for ensuring that daily traffic management is adequately managed.

No worker may be transported in, or on the rear of construction vehicles (bakkies included), or with plant and materials to, on, or from site. The number of passengers in any vehicle is limited to what is stated on the license disc. Vehicles used to transport workers to, from, or on site, shall have secure seats and be covered. No canopies may be used.

While this is difficult to control by the PC, induction training needs to include such information so workers can protect themselves. An on-site transportation policy needs to be available for how such transportation will be made safe and limit any opportunity for cross infection. Disinfection of vehicles needs to be determined where possible, and sanitizers provided prior to boarding and recommended during transit.

Each worker is to be encouraged to wear a cloth mask while travelling, and this needs to be enforced if using company transport.

Penalties will be issued for non-compliances noted.

6.1.4 Health and Safety Representatives and H&S meetings (if applicable)

H&S Representatives representing workers and Contractors are to be appointed following the start up of the project, irrespective of the number of workers on site. The appointed H&S Representatives are to be actively involved with H&S and will assist the CHSO and site management in meeting legislative duties.

All internal and external OHS Agent audits are to be discussed, as well as all H&S related issues at all internal production or progress meetings.

Failure to do so will be deemed to be a moderate offence.

6.1.5 Appointment of Competent Contractors and Suppliers, short term works (if applicable)

The PC is to ensure compliance with the Clients minimum standards and all legislative requirements. The same H&S standards required of the PC are to be applied to all Contractors. An index of all Contractors and Suppliers is to be on file and kept updated at all times. The PC is to ensure there is sufficient funding for H&S compliance by each Contractor.

The following minimum aspects are applicable to any Contractor appointed:

- The CHSO is to ensure a Contractors appointment and approval of H&S documentation at least seven (7) working days prior to commencing work;
- No Contractor may work under the PCs Compensation registration number. If required, the PC may assist SMMEs with their registration with the Compensation Commissioner (CC). However, such Contractors will not be able to commence work until proof of registration or Letter of Good Standing has been received, and
- No work may commence without Mandatary agreements between parties in place.

Suppliers or short-term works (surveying, repairs, servicing, deliveries etc.) also require H&S Management. Cognisance is to be taken of the level of risk involved and the CHSO is to ensure the level of H&S documentation is appropriate and appropriately managed.

Failure to provide written approval of H&S documentation will be considered a serious offense, and could result in aspects of, or all the activities being stopped, and penalties implemented.

7. GENERAL RISK MANAGEMENT

7.1 Health Risks and Medical Surveillance

The appropriate SDSs are to be obtained for all products and used to develop the H&S documentation as they relate to the works. Many of the processes are labour intensive and ergonomic risks are to be noted. All workers (including Contractors) are to be included in the medical surveillance programme.

Workers will be exposed to noise, dust, and physical risks from extended periods of work of a repetitive nature, materials specified and the general nature of the works.

All permanent workers (including those of Contractors) are required to be in possession of a medical certificate of fitness prior to arrival on site that must be less than 12 months old. An exit medical will be required where the project exceeds 6 months in duration. Arrangements for keeping medical records for the required time are to be noted. A procedure for managing the medical records which require safekeeping for prescribed periods are to be addressed, specifically for the asbestos exposed workers.

Given the potential health risks the following aspects are to be included in each medical surveillance intervention:

- Full medical, surgical and occupational history;
- Full physical examination of all systems, and
- Referral if required for the management of identified health issues that may affect the worker.

Specific testing for existing conditions and limitations relative to exposure could include, but are not limited to:

- Audiometry (hearing tests);
- Spirometry (lung function tests) are not to be done until deemed safe to do so, and
- Any other tests identified as relevant from chemical or specifically identified risks of exposure

Failure to do so will be considered a serious offence.

8. Training

Training of site personnel in H&S in the revised areas of work is required, mainly through induction between the Client and specific groups of employees. The CHSO is to determine training requirements and to report on needs or completed training in their reports and audits.

Records of all training, and acknowledgement of such training by attendees must be kept. Comprehensive records of all employees under the PCs control attending induction or any other training throughout the project shall be included. Amendments to statutes, the SSHSS, PSHSP, policies, procedures, method statements etc. shall require that all those affected shall undergo the relevant re-training.

8.1 Site Induction and other training

The PCs shall ensure that all employees, and contractors have undergone the induction programme for visitors or contractors, or any other that is deemed necessary.

Appropriate time must be set-aside for training (induction and other) for all employees. No person will be able to commence work or visit the site where the induction has not been done.

All employees and visitors on site from either the Client or the PC shall carry the proof of induction training in form of an induction card. Client Induction is valid for a year from the date it was conducted and thereafter refresher induction shall be re-scheduled at least one month before the induction period expires.

Both parties shall keep a database of all records pertaining to induction and will inform Contractors of pending expiry though the overall responsibility of maintaining current induction cards still lies with the principal contractor. All induction cards issued must be returned on completion of the project to the Issuer.

Toolbox talks to be conducted outdoors when possible in order for persons to maintain social distancing. Where inclement weather does not allow for this, toolbox talks to be conducted with smaller groupings of workers in a sheltered area large enough to maintain social distancing.

8.2 Noise Risks

All plant from plant hire companies (suppliers) or that of the PC is to come to site with the appropriate testing completed and be compliant with the Noise Induced Hearing Loss Regulations. Plant identified that has not been tested and marked for noise emissions will result in having to be tested or removed from site. Failure to do so within a reasonable time period will result in such plant being removed from site.

Suitable SANS approved hearing protective equipment shall be issued and worn where noise levels are identified as equal to or greater than 85 dB.

8.3 Asbestos Work

Only a registered asbestos contractor may do work which entails asbestos material. An Approved Inspection Authority must be consulted and Asbestos regulations complied to.

Failure to do so will be considered a serious offence.

9. Emergency Procedures

A simple emergency plan and procedure that is appropriate to the risks is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow. The plan may be adapted should new information or risks are identified.

The procedure shall detail the response plan in relation to the works, and include at least (but are not limited to) the following key elements:

Appointment of a competent emergency response co-ordinator

- Fire, public injury, asbestos;
- Falls from heights;

- Serious injury to workers (medical or work-related), and
- Any other major risks identified during risk assessments

The emergency plan is to ensure the inclusion of local service providers. Such arrangements should be made with these persons prior to the commencement of the project. The general principals of emergency management are to be applied as it applies to the hierarchy of control and management.

9.1 Fire, First Aiders and First Aid Equipment

At least 1 first aider will be trained to level 1. First aiders shall be available and accessible on site at all times and be able to work as a team when responding to any emergency on the project. The number of First aiders will be determined by the complexity and exposed risks of the project, not numbers of workers.

Contractors are expected to ensure compliance and provide/manage their own first aiders and equipment. Appropriately stocked first aid kits are to be available at all times and to assure continual availability and access on site.

Fire extinguishers will be appropriate for the risk and in sufficient numbers to deal with the type of fires that could occur. All mobile plant is to have fire extinguishers. Hot work permits are required for any such activities.

Failure to comply with emergency provisions will be considered a serious offence, and the operation or project may be stopped if deemed inadequate for the work at the time of assessment or site inspection.

9.2 Incident Management and Compensation Claims

All incidents and accidents are to be investigated. All serious incidents involving any form of disabling injury or fatality are to be reported to the Principal Agent/Client /OHS Agent immediately. This shall be confirmed in writing following the incident. Full details are to be included in each site meeting or when the Client visits site. A summary of incidents is to be included in the monthly report.

Failure to comply with emergency provisions will be considered a serious offence, and the operation or project may be stopped if deemed inadequate for the work at the time of assessment or site inspection.

10. Personal Protective Equipment (PPE) and Clothing

The PC is to provide a procedure as an addendum to indicate how PPE is managed within the Company. The wearing of the identified SANS approved PPE at all times is non-negotiable and is to be linked to the risk assessments. The PC shall ensure that all workers (Including Contractors) are issued with and shall wear:

- Hard hats;
- Protective footwear;
- Eye protection;
- Hearing protection;
- Reflective jackets (no bibs);
- At least 3 cloth masks (for general wear);
- Respiratory protection (minimum of FFP2) or as deemed required by the AIA, and
- Any other necessary PPE identified from SDSs and/or risk assessments.

Adequate quantities of PPE shall be available. This shall include necessary PPE for visitors. The procedures for managing PPE are to be in a formal procedure submitted with the SSHSP for approval.

Any person (including Client, Agents, etc.) found on site without the necessary PPE will be removed from site until the PPE is supplied and worn.

Failure to comply will result in penalties being applied.

11. Occupational Health and Safety Signage

On-site H&S signage is required as well as standard H&S information. Signage shall be posted up at fixed or temporary working areas, or other potential risk areas/operations. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended. Signage is to be noted on the site drawings indicating where fixed/temporary signage is required and appropriate to the risks identified in risk assessments.

Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements.

Failure to comply will result in penalties being applied.

12. Induction of Employees and Visitors, General H&S Training

A simple, formal induction programme is to be submitted as an addendum for approval with the H&S plan. Inductions must be carried out for all workers and visitors (including Client, Designers) to the site.

Daily, pre-task training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done. Records to be kept in the H&S file.

Any person found on site without proof of induction will be removed from site until the proof is supplied and, and a **penalty issued per non-compliance.**

13. Management of Plant and Equipment

The CHSO will ensure control of all plant and equipment, including daily monitoring, prior to commencing work. Full lists of hired and own plant are to be available at the OHS Consultant /Client audit. All daily inspection records are to be kept in the H&S file, or Contractors where plant and equipment is brought onto site. Registers are not to be more than 1 week behind.

Only competent, fit plant operators are to be used. Medical certificates of fitness are required for all operators.

Any plant or slings used to lift plant or material require annual load testing by an AIA, and all certificates must have the testers LMI/E number. Operators are to be adequately trained and certified to operate mobile cranes or crane trucks. Certificates and registers are to be placed in the H&S file.

Failure to do so will be considered a serious offence.

14. Excavations (if applicable)

A procedure for managing excavations is to be provided as an addendum to the SSHSP describing how excavations are to be managed.

A competent person is to be appointed for managing all excavations. A permit system is to be available and used for all excavations. All equipment and ground conditions to be checked daily, and prior to work commencing.

Excavations should preferably not be open beyond what can be closed daily. Where excavations need to remain open, all excavations are to be properly protected. Adequate stakes with 1m high demarcation and berms/spoil are required to be a safe distance from the edge of the angle of repose. Candy tape may not be used to demarcate excavations. Cognisance is required of the surrounding area and increased levels of protection are required where work is in communities, near schools and clinics or churches.

Work will be stopped, and penalties applied to any work in excavations that is not compliant.

15. Working at heights (if applicable)

A fall protection plan is to be available and supplied as an addendum to the H&S plan. The fall protection plan must be appropriate for the project. Proof of competency must be on file for the Fall Protection Plan Developer and the appointment of a Fall Protection Supervisor with competency to be on file. Method statements, appropriate risk assessments, safe work procedures and training (all employees are to be in possession of a valid working at heights certification) are to be available prior to work commencing.

The focus for working at height shall include fall restraint systems where possible except during assembling or dismantling top components or where it is not deemed safe. The relevant SANS codes are to be applied as they apply to the works and the project, such as:

- SANS 10085
- SANS 10333 (parts 1-3)

Should part of the works be contracted out, competent Contractors are to be appointed and submit documentation according to the project requirements. The PC is to note if such work is to be contracted to specialists in the H&S Plan. The plan is to be developed and work managed by a competent person for the duration of the project. The following aspects must be included:

- The public or users of buildings are to be protected at all times by way of hoarding, barricading or fencing
- Notices to be posted
- Restrictions or stoppage when weather conditions are deemed hazardous
- Permit system for working at heights
- Prevention of falling tools or equipment
- Link to emergency plan regarding rescue

All workers are to be in possession of valid certificates of fitness that extend for the duration of the works. Note the requirements in the section relating to medical surveillance.

Registers and all relevant documentation are to be placed in the H&S file.

Work will be stopped, and penalties applied to any work at heights that is not compliant.

16. Cranes and lifting equipment (if applicable)

Lifting devices such as mobile cranes might be used during the project for deliveries, and moving of supplies or equipment,

Appropriate documentation must be made available for the cranes and operators. Method statements, risk assessments, safe work procedures and training are to be available prior to work commencing. A procedure for managing loads and lifting must be made available as an addendum to the H&S Plan.

Chains, slings and webbing to have valid safe working load certification on file, should the documentation not be on site, the operation may be stopped, and fines imposed until such documentation may be delivered.

17. Temporary Works (Scaffolding, support work, formwork) (if applicable)

Temporary works must be properly designed and signed off by the PCs competent person for all temporary scaffolds, support work or formwork. In these instances, a competent person is defined as one who has sufficient experience in the design of the type of temporary work in question to be able to assess the design. The appropriate competent persons are to be appointed to manage and monitor such works to the satisfaction of the Engineer and OHS Agent. Records and registers are to be properly completed and kept in the H&S file. If temporary works are to be erected by a Contractor, this must be notified to the Principal Agent/OHS Agent.

Failure to do so will be considered a serious offence.

18. Auditing

Frequency of external auditing by the OHS Agent or Client will be bi-monthly to conform to the requirements of the Construction Regulations. The site will be inspected, and the documentation audited relative to the activities and H&S plan. The CHSO of the PC must accompany the Client, or the H&S Agent, on all audits and inspections.

The PC will ensure that all their Contractors are audited on a monthly basis, dependent upon the time to be spent on the site. Audit frequency may be increased if Contractors are not performing adequately. Audit results will be acted upon and non-conformances and penalties issued where deemed appropriate. The Client, Designer or OHS Agent may act or require further outcomes if non-compliances are noted or unsafe acts are noted on site.

Internal audits are to include site conditions as well as ensuring H&S files are appropriate, and compliant. Comprehensive audit reports are to be made available the format of the audit reports will be reviewed by the H&S Agent.

The PC will be audited using a template as supplied in the tender document. The audit template will be adjusted from time to time relative to the activities on site. A similar process is to be used by the PC when auditing their Contractors on site. Compliance with legislative requirements and the systems provided by the PC to manage the H&S on site will be measured. Full compliance is required. Time limits for corrective actions will be set and must be adhered to.

Failure to address findings or non-conformances will be considered a serious offence.

19. Communication and Meetings on Site

All H&S communication during the project between the OHS Consultant and the PC will be done through the Principal Agent and be in writing, including the issue and responses to non-conformances and H&S audit results.

Failure to address issues timeously will be considered a serious offence.

20. Care of Workers on Site (Welfare)

Adequate toilets, clean, safe drinking water and weather protected shelter will be afforded workers at all times. Toilets will be within reasonable distance of workers, or placed with each working team in safe, with reasonable privacy.

Hand washing facilities, disinfectants and sanitizers will be provided across the site at common areas and entrances to work areas.

Failure to ensure compliance will be considered a serious offence, work will be stopped if con-conformances noted until corrected.

21. HEALTH AND SAFETY FILE

The documentation submitted and approved following the awarding of the contract will be used to form the H&S file. The H&S file is required to be laid out in a logical manner, and documentation filed within the file is to be easily accessible.

The following completed information shall be included (but not be limited to) as part of the index:

- The SSHSS;
- The SSHSP and the approval by Client;
- Appointment by Client;
- Mandatory agreement with Client;
- Notification of construction work;
- A record of all working drawings, calculations and design where applicable;
- Detailed list of Contractors with contact details, appointments, Mandatories etc., H&S specifications issued;
- Record of Competencies (CVs) and appointments;
- Training Records;
- Permits;
- Method statements;
- Risk assessments;
- Safe work procedures;
- Emergency and injury management;
- Safety data sheets
- Medical surveillance records;
- Registers;
- Records of audits, minutes etc.;
- Plant lists;
- Temporary electrical installations, and
- Employee records (who is on site).

22. NON-CONFORMANCES

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.

The following constitute examples of the types of non-conformances that will attract penalties:

Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non-conformance and/or activity stoppage
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non-completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

23. Failure to Comply with Provisions

Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

- (i) A penalty as shown in the Table above shall be deducted for each and every occurrence of non-compliance with any of the requirements of the SSHSS,
- (ii) In addition, a time-related penalty of R500,00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Designer. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

24. Public safety

The Principal Contractor shall ensure at all times that staff, and general public are aware of the dangers and risks involved whilst construction is taking place.

- Safety signage / posters shall be posted at all areas where construction work is taking place;
- Edges, excavations, stockpile areas, material storage areas, will be demarcated and no entry signage appended;
- Safety talks with employees shall be done, all employees shall be involved in keeping the site safe;
- CLO shall be given talks to do with the community members who are directly involved;
- A record of all training shall be kept, and indemnity documents shall be signed by those attending the safety talks.
- Community unrest shall be handled by the local SAPS. CLO shall assist the Contractor should the need arise.

- No visitors to site are allowed unless proper arrangements are made.

ANNEXURE A

CLOSE OUT REQUIREMENTS

The H&S files for the Principal Contractors and all Contractors require closure and handover to the Client at the completion of the project. The following list is an example of what should be included but is not exhaustive. The OHS Consultant or the Client may require further information at the time of completion and the Principal Contractor is to ensure that all instructions are met. Documentation would include all records from the start of the project. Daily or monthly plant inspection records are not required unless they are related to an accident. All records to be in electronic format and submitted to the OHS agent for approval in adequately formatted lists and folders. Layout should be logical and in the same order as in the site files.

Health and Safety close out file requirements include:

- a) Client H&S Specification
- b) Principal Contractor's OHS Plan(s)
- c) Organograms
- d) Legal Appointments
- e) List of all employees employed on a permanent or contractual basis over the duration of the contract
- f) Notification to Department of Labour of commencement of work
- g) Letters of Good Standing for the Project
- h) Full files for all Contractors as well as their close out reports
 - List of Contractors
 - All employees employed on a permanent or contractual basis over the duration of the contract
 - Letters of Approval of Contractors
 - Mandatary Agreements
 - Letters of Good Standing
 - Appointments
- i) Incident Records
- j) Non- Conformance records
- k) Agent's Audits
- l) Method Statements
- m) Risk assessments
- n) Safe work procedures
- o) Medical surveillance certificates of fitness. Medical records are to be kept according to the OH&S Act as amended
- p) All drawings for temporary structures (suspended beams/scaffolds etc.)
- q) All operating manuals for any systems that require ongoing maintenance
- r) Copies of test results, policies and procedures for environmental monitoring (silica, noise, dusts etc.)

Defect and Liability Period

The H&S files are to be kept 'live' for the defect and liability period by the Principal Contractor, including those of their Contractors. Any work required during the defect and liability period will require an assessment of the H&S file by the OHS Consultant to any work commencing.

A copy drawing records for the as-builts are to be placed on file by the Designers once complete



CLIENT: ECDoE

PROJECT: DoE Small Projects

COMPILED BY: Ntokozo Ngwenya

REVISION: 00

	HAZARD	RISK	MINIMUM CONTROL MEASURES
1.	Electrical commission	Electrical shock	<ul style="list-style-type: none"> - Personnel to comply with permits to work issued by client. - Personal protective equipment to be worn by employees to prevent electrical shock. - First aid treatment to be readily available. - Only competent and trained persons may decommission or commission electrical equipment.
2.	Excavations (working in and around	Toxic fumes Collapse of trench walls/trapping Falling into excavation Collapse of adjacent structures	<ul style="list-style-type: none"> - Deep excavation/ Monitor air for toxic fumes. - Prevent collapse by battering back sides to safe angle or install temporary support. - Protect vehicles from falling into excavations, provide barriers, signage, etc. as necessary. - Beware of undermining of other structures (e.g. building , scaffolds). - Record excavations inspections by competent person on daily basis. - Provide suitable means of access/egress in case of emergency. - Excavations formed by explosives must be accompanied by method statement approved by client.
3.	Explosive actuated fastening devices	Noise Being stuck by cartridge or fixing	<ul style="list-style-type: none"> - Operators to be trained, competent and wear appropriate protective equipment, e.g. goggles, gloves, ear plugs and head protection. - Cartridge gun to be in good condition, inspected for damages and faults regularly and results entered register. - Used and unused cartridges gun should be kept in a secure place when not in use, maintain register for return and issue.
4.	Explosive use	Injuries to personnel and by-passers Property damage	<ul style="list-style-type: none"> - Blaster must have all relevant permits, permission and licenses in place before blasting.



CLIENT: ECDoe

PROJECT: DoE Small Projects

COMPILED BY: Ntokozo Ngwenya

REVISION: 00

			<ul style="list-style-type: none">- Method statement must be approved.- Maintain exclusion zone around perimeter of blasting, warn persons away, erect warning signage and barriers.- Obtain permission from local authority and police.- Blaster must be competent in blasting.- Ensure blasting does not affect stability of adjacent structures/building.
5.	Fire	Injuries to workers, pedestrians, residents, road users, damage to property through fire.	<ul style="list-style-type: none">- No littering on site which could become a fire hazard, maintain site in clean condition.- No fires to be lit on site, have a working fire extinguisher at hand all times.- No smoking or naked flames near flammable substances or in unauthorised areas.- Ensure proper storage/use of petrol/diesel/flammable substances, post warning notices
6.	Flammable liquids	Fire Explosion	<ul style="list-style-type: none">- No littering on site which could become a fire hazard, maintain site in clean condition- Have a working fire extinguisher at all times.
7.	Asbestos Cement pipes	Release of asbestos fibres	<ul style="list-style-type: none">- Ensure safe access and egress is provided.- Erect physical barriers to prevent entry by unauthorised persons, as applicable.- Damp down exposed area to contain fibre release.- Personnel involved to wear asbestos respiratory protection.- Only Department of Labour registered asbestos contractors may work with asbestos, and strictly in accordance with the requirements of the Asbestos Regulations.



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8.	Asbestos Cement removal	Person falling from height Debris falling from height Falling of equipment or tools Release of asbestos fibres	<ul style="list-style-type: none">- Notice to be erected informing personnel of fragile roofs, as applicable.- Ensure of safe access and egress in provided.- Erect physical barriers to prevent entry by unauthorised persons and falls from heights, as applicable.- Roof sheets to be sprayed with water to prevent fibre release, where feasible.- Take extreme care to remove sheets whole. Where breakage occurs damp down exposed area to contain fibre release.- Personnel involved to wear respiratory protection.- Exclusive zone may be required under area of sheet removal to prevent injury from falls of material from heights.- Only Department of Labour registered asbestos contractors may work with asbestos, and strictly in accordance with the requirements of the Asbestos Regulations.
9.	Asphalting	Fire Burns to skin Skin disease	<ul style="list-style-type: none">- Suitable fire extinguisher to be place prior to commence of works- Ensure competent personnel using material and competent and trained machinery/equipment operators.- Ensure there is a safe workplace at all time.- Ensure all personnel wear sufficient personal protective equipment (PPE) including safety boots, reflective vests and gloves.- Health and safety data sheet required.
10.	Bricklaying	Caustic contamination with mortar Contact with sharp blade tools	<ul style="list-style-type: none">- Use only trained personnel.- Safe means of access to be provided.



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			<ul style="list-style-type: none">- Safe/suitable working platform required where working at height.- PPE for mortar to include gloves where practical and goggles/ masks where there is a risk of contamination
11.	Brush cutting	Injury from contact with blade/nylon Fire (where petrol used) Electrocution (where electrical tools are used)	<ul style="list-style-type: none">- Person using brush cutter must be trained and competent.- Use PPE such as goggles, safety boots, ear protection, gloves, hard hat.- Brush cutter must be in good condition and maintained.- Adequate supervision on site at all times.- No smoking when refuelling, fire extinguisher to be on hand (where petrol is used)
12.	Chainsaw use	Falling tree or branches causing injury to persons Incorrect use of chainsaw causing injury	<ul style="list-style-type: none">- Person using chainsaw must be trained and competent- Use PPE such as goggles, safety boots, ear protection, gloves, hard hat, chainsaw trousers and jackets.- Chainsaw must be in good condition including guards.- Clear area below area of chainsaw use and where tree felling.'- When using chainsaw at height practise safety procedures
13.	Plumbing	Falling material Fall from height Fire Burns Exposure to lead flames	<ul style="list-style-type: none">- Ensure standard safety procedures are followed at all times- Only used trained and competent personnel- Ensure there is a safe working area at all times.- Ensure material are stored neatly- Ensure there is a safe access and egress at all times.- Ensure all personnel wear suitable and sufficient PPE.- Consider a hot works permit system prior to commencing of any hot works.- Make sure emergency procedures are in place and ensure all



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			personnel are aware of where to go in case of fire.
14.	Plastering	Falling material Fall from height Contact with materials	<ul style="list-style-type: none"> - Ensure standard safety procedures are followed. - Ensure there is a safe working area. - Ensure safe access and egress. - Ensure competent personnel are used.
15.	Plant or vehicles and equipment operation	Workers injured by passing traffic Road users and pedestrians at risk from plant operation Noise	<ul style="list-style-type: none"> - Implement traffic protection measures. - Trained and competent operators must be used. - Check plant and vehicles on daily basis before use and record inspections. Maintain vehicles in safe condition. - Medical certificates of fitness required for construction plant. - Crossing of road by construction vehicles or machines must be limited to the practical minimum. - Plant and vehicles must be fitted with amber rotating beacons and reverse alarms. - Wear appropriate PPE
16.	Pilling	Falls Struck by machine Exposure to noise	<ul style="list-style-type: none"> - Personnel to be trained and competent, pilling rig to be in safe condition and inspected on a daily basis on a register by competent personnel. - Empty pilling holes not to be left unguarded. - Only approach pilling plant on signal from operator. - Personnel to wear PPE such as ear plugs.
17	Paving (laying)	Impact injuries from tile/ mallet Caustic burns Sore knees Cuts from cutter	<ul style="list-style-type: none"> - Impervious gloves to be worn/ barrier cream to be used - Kneelers or similar to be available. - Personal protective equipment to be worn.
18	Painting	Contact with paint	<ul style="list-style-type: none"> - Refer to safety data sheet for usage instructions, hazards and precautions required.



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			<ul style="list-style-type: none"> - When working at height, refer to risk assessment addressing this hazard.
19	Overhead services (Working near)	Contact with live services causing injury to personnel Damage caused to services	<ul style="list-style-type: none"> - Maintain safe clearance levels. - Establish presence of any services via proper walk through survey of site and/ or means service drawings. - Wear personal protective clothing. - Ensure height of plant/ vehicles does not compromise or exceed clearance levels from service provider.
20	Noise and Dust	Breathing in dust can cause long term health problems, noise can damage hearing	<ul style="list-style-type: none"> - Wear respiratory and hearing protection. - Dampen down and minimise dust where possible.
21	Night work	Security Lighting	<ul style="list-style-type: none"> - The contractor shall not undertake any night work without prior arrangement and written permit from the client. - The contractor shall ensure that adequate lighting is provided for all night work and failure to do so shall result in work being stopped
22	Compacting and filling	Contact with tipping materials Contact with moving plant Vehicles/personnel falling into excavations Contact with underground services	<ul style="list-style-type: none"> - Trained banks man to control vehicle movement - Only trained personnel to use plant - Personnel to stand clear as materials are being tipped - Use stop blocks and signs to warn vehicles of excavations, where applicable - Stand clear of plant whilst material is being compacted - Establish position of underground services and protect services from damage.
23	Concrete pumping	Sprains and strains Hit by pump Concrete burns Collapse/bursting of structure	<ul style="list-style-type: none"> - Personnel to be in clear vision of pump operator - Trained pump operator - Personnel working with the concrete to wear the appropriate equipment to protect against cement burns



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			<ul style="list-style-type: none"> - Design of structure being loaded to be approved by competent designer and inspect before, during and after loading. - Pump to be well maintained
24	Compactor operations	Crush of feet	<ul style="list-style-type: none"> - Only trained and competent personnel to use the machine - Ensure operators wear steel toe caps shoes or boots at all times
25	Confined spaces	Suffocating Fumes	<ul style="list-style-type: none"> - Ensure that confined spaces is sufficiently ventilated - Wear personal protective equipment such as proper masks if air supply insufficient or not of sufficient quality. - Test oxygen levels in confined space to ensure that is safe for entry - Ensure that emergency procedures are in place
26	Cutting Kerbs	Saw slipping, blade disintegrating	<ul style="list-style-type: none"> - Only trained operators to use saw and change blades. - PPE must be worn, gloves, goggles, dust mask and hearing protection. - People to be kept away from the work area. - Work to cease if people have to pass - Sparks etc. To be directed away from people and any flammable material.
27	Cutting Off Disc	Noise Cuts from machine Fire (particularly at refuelling) Flying debris Blade shattering Contamination by fume created or exhaust fume	<ul style="list-style-type: none"> - Use competent personnel - Hot works control, fire extinguisher, fire watch man. (permit may be required). - PPE to include gloves, eye protection, hearing protection. - Solid working position - Clear working area - Correct grade of blade must be used - Good ventilation to be provided (Forced if necessary) - Changing of wheels to be by competent persons only



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			<ul style="list-style-type: none"> - Cutting discs must not be used for grinding (grinding disc thicker). - Bystanders to wear hearing protection, as applicable.
28	Demolition	Falling materials premature collapse of structure	<ul style="list-style-type: none"> - Ensure there is current method statement in place - Ensure all emergency procedures are in place and all details are displayed. - Ensure that structural demolition has been approved by designer and site management
29	Kerb Laying	Nips at joints Crushing by kerbs Caustic burns	<ul style="list-style-type: none"> - Impervious gloves and barrier cream to be used to protect hands. - Personnel should be aware of safe manual handling techniques when handling kerbs.
30	Lead – working with removal of tiles	Toxic effects from exposure to lead and its compounds Risk of inhalation, ingestion and absorption Personnel falling from height Debris falling from height	<ul style="list-style-type: none"> - Demarcation of the workplace - Restriction of entry by unauthorised persons - Restriction of substances that can release airborne lead to certain areas - Limit number of workers exposed to lead - Regular cleaning of workplaces and equipment - All employees who are exposed to lead must be provided with suitable and adequate PPE - Lead is to be packed in impermeable containers that are tightly sealed and clearly marked for removal. - The need for medical surveillance and the nature thereof is to be based on both risk assessment and air monitoring results and safety legislations.
31	Lifting Operations	Falling material Crushing by material Hand injuries to the slinger Toppling crane	<ul style="list-style-type: none"> - Check test certificate - Check examination certificate - Check inspection have been carried out



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			<ul style="list-style-type: none"> - Check certificates for lifting equipment (chains, slings, shackles, etc.)
32	Fragile Materials	Person or items falling through fragile materials	<ul style="list-style-type: none"> - All fragile materials to be identified and protected prior to work commencing. - Protection to include either covering the fragile materials or excluding activity. - Any coverings to be secured in place - The location of the fragile materials to be indicated by signage
33	Hand tools	Injuries caused by use of hand tool Impact with the tool Falls due to access problems Contamination with substance being worked	<ul style="list-style-type: none"> - Ensure: - Tool is correct for the job - Tool is in good order and suitably sharp - Personnel must be competent/instructed in tool usage and tool safety - Lighting is sufficient - Access is safe, working platform is secure, leading edge is guarded - Operative is wearing all necessary PPE
34	Hazardous Substances	Injuries to workers through use of hazardous substances, e.g. injuries to eyes, skin, etc..	<ul style="list-style-type: none"> - Use substances in accordance with the safety data sheet particularly reference protective clothing required. (example: gloves, goggles, etc.) - Know what first aid measures are. - Have welfare facilities available for washing of hands, etc..
35	Hot Works	Burns to eyes or other parts of the body	<ul style="list-style-type: none"> - PPE to include eye protection, kin and ear protection. - Respirator maybe be required where cutting galvanized steel or anywhere else toxic fumes and gases arise. - Dust can also be a problem and forced ventilation may be required
36	Mobile Crane Erection & Dismantling and Use	Collapse of structure Overturning structure Falling Materials	<ul style="list-style-type: none"> - Ensure emergency procedures are in place and all operative are aware of the details



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			<ul style="list-style-type: none">- Only used trained and competent operators for the erection and dismantling and use of cranes- Ensure crane driver is trained and hold certification as proof. Must have a valid medical fitness certificate- Ensure crane is 360 degrees vision if not ensure a fully trained banks man is available at all times.- Banksman to wear reflector vest to identify him/herself to the crane driver- Ensure all personnel wear suitable and sufficient PPE- Consider creating an exclusion area
37	Members of the public – Protection Of	Injury to the member of the public and road users from site works	<ul style="list-style-type: none">- Barriers and signage to be in place- Workers must warn away members of the public from the works- Footpaths and bridges which are open to the public must be closed off if in the area of works otherwise made safe so that no injury to a member of the public occurs- Traffic turning into site – traffic management and signage is required- Signage to be on the road at site entrance warning motorists that construction traffic turning into/out of site access. Keep roads free of mud where possible- Refer to plant risk assessment for details on plant safety precautions- NOTE: SIGNAGE TO BE POSTED ON SITE TO WARN OF CONSTRUCTION MOVEMENTS. SAFE MEANS OF ACCESS FOR BOTH CONSTRUCTION TRAFFIC TO SITE AND PROVATE HOMEOWNERS MUST BE AGREED
38	Manhole Rings & Pipe Storage	Rolling of rings Collapse of pipes Crushing of persons Stockpile collapse	<ul style="list-style-type: none">- Manhole rings must be stored flat to prevent them being rolled- Banks of stock pipes are not to be broken until they are ready to be used



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			<ul style="list-style-type: none"> - Personnel must stand to the side when breaking bands so as not to be hit by falling pipes - Pipes must be wedged to prevent rolling
39	Temporary Works – Shoring, Scaffolding, falsework, formwork	Collapse of works	<ul style="list-style-type: none"> - Wear PPE such as gloves and goggles - Formwork must be built by trained person and also be inspected by competent person and results entered into register on site/
40	Tower (Mobile Aluminium Tower) Scaffold	Overturning Falls	<ul style="list-style-type: none"> - Tower to be on firm level ground with wheels or feet properly supported - Erection by competent person - Inspection before first use - Weekly record of inspection required - Guard rails and toe boards as per normal scaffold - Beware when moving of overhead obstructions, such as power lines - Never move in strong winds
41	Underground Services	Striking of buried services	<ul style="list-style-type: none"> - Make all necessary enquiries to establish what services are in the area - Assume all services to be live (unless confirmation is received to confirm that services are isolated or otherwise made safe. - Comply with requirements of the safe system of work for underground services - Where available locate services with a locator - Hand dig around services
42	Working at height	Personnel falling from height Falling debris Those beneath being injured	<ul style="list-style-type: none"> - All access equipment is properly constructed (inspection record must be maintained) - Only trained personnel construct, dismantle or control access equipment - All equipment must have full toe boards and guard rails, Comply



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			<p>with SANS10085 on erection, use and dismantling scaffolding</p> <ul style="list-style-type: none"> - No access equipment to be loaded above its safe working load - No access equipment to be loaded above the level of the guardrail - Where working involves leaning out an open leading edge, then all personnel are to be fitted with a full body harness. The harness must be connected at all times - All fall arrest equipment to be correctly maintained - Ensure if ladders used for access, they are either footed or tied.
43	Precast slab/ Unit laying and fixing	Falls Falling material Manual handling	<ul style="list-style-type: none"> - Emergency procedures are in place and personnel explained details - Use competent personnel - Ensure suitable and sufficient access and egress is provided - Safe place of work must be provided - Ensure all personnel wear correct PPE - Exclusion zone may be required for protection against risk of falling objects
44	Road Construction	Risk of being struck by vehicles	<ul style="list-style-type: none"> - Ensure traffic management measures in place - No construction activities to commence until adequate provision made to accommodate traffic in accordance with the South African road signs manual - Wear reflective waist coats when working on or near the road and road shoulder as well as any other required PPE clothing - Crossing of road by personnel must be limited to the practical minimum - Use of fencing or other barriers as appropriate.
45	Road Marking	Contact with moving vehicles	<ul style="list-style-type: none"> - Ensure suitable and sufficient road signs are erected, as applicable



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		Fire	<ul style="list-style-type: none"> - Possible road or lane closure may be required, traffic management may be required - Fire extinguisher to be situated in a suitable area, use dry powder or foam
46	Rope Access	Personnel falling from Height Falling debris Those beneath being injured	<ul style="list-style-type: none"> - Ensure: - Competent person is appointed in writing to supervise all rope access on the site - Compliance with Construction regulations particularly section 10 & 18 - All rope access work is carried out under supervision of a competent person - All rope access operators are competent and licensed to carry out their work - The design, selection and use of the equipment and anchors comply with safety standards incorporated for this purpose into these regulations under section 44 of the act. - Site specific fall protection plan must be developed by a competent person applicable to the specific work and environment prior to the commencement of the work including all records of maintenance and inspections of all equipment used for the work operations
47	Steel fixing	Back injuries caused by manual handling Eye injuries from tie wire Trips/Falls Falling from height	<ul style="list-style-type: none"> - PPE must include safety boots and goggles - Manual handling training may be required - Care to be taken when near overhead lines - Use only trained personnel - Provide safe means of access - Maintain and regularly inspect all lifting appliances and equipment



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			<ul style="list-style-type: none"> - Cap starter bars to prevent injuries where feasible - Construct scaffold walkway to cross reinforcing mesh, as required
48	Steel erection	Falls from height Falling components Contact injuries from falling lifting equipment	<ul style="list-style-type: none"> - Adhere to all general precautions for working at height - Barrier off/ exclude area below work - All lifting appliances to be examined and inspected - Inspection register in place and up to date - All personnel to be trained and competent wear clipped on safety harnessed when working on height - Ensure that lifting equipment (slings, chains and shackles) test certificates are current and on site - Competent persons only to connect loads and direct plant
49	Work over or next to water	Drowning	<ul style="list-style-type: none"> - Evaluate the depth of water, height above water that work takes place, whether workers can swim or not and then determine safety precautions required: these may include such measures such as barriers, signage, life belts, safety harness etc. - When working on river/harbour/dam edge, erect life saving devices and barriers to protect workers and vehicles (Stop blocks may also be required). Only trained and competent personnel may be used
50	Scaffold Erection/Dismantling	Personnel falling from height Items of scaffold falling onto personnel Scaffold collapsing onto those below	<ul style="list-style-type: none"> - Ensure: - Scaffold is designed to take the imposed load - Scaffold is not overloaded - Scaffolders are fully trained - Scaffolding is regularly checked by competent person and record of inspection retained. Written inspections to be recorded on weekly basis.



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AGREEMENT WITH MANDATARY

WRITTEN AGREEMENT ENTERED INTO AND BETWEEN

(Hereinafter referred to as the Employer)

and

(Hereinafter referred to as The Employee)

Compensation Fund
Number:

Whereas the Company called under contract no. _____ for the executing of the following

At _____ (“Premises”)

and whereas the contractor _____

Undertook to carry out the work and whereas the client contractor have agreed to regulate as between them and as provided for in terms of section 37(2) of the Occupational Health and Safety Act, No 85 of 1993, now therefore the undersigned agree to:

1. The Contractor warrants that all his and his contractors’ employees are covered in terms of the provisions of the Compensation for Occupational Injuries and Diseases Act 1993 (the Act) which cover shall remain in force whilst any such employees are on the premises.
2. The Contractor warrants that he is in possession of the following insurance cover which shall remain in force whilst he and/or his Contractor and/or his employees are present on the premises or which shall remain in force for the duration of his contractual relationship with the client whichever period is the longest:
 - Public liability insurance covers.
 - Any other insurance cover that will adequately make provision for any possible losses and/or claims arising from his and/or his contractors and/or his Employees’ acts and/or omissions on the premises.
3. The Contractor undertakes to ensure that he and/or his contractors and/or their respective employees will at all times comply with all the requirements of the Act and without derogating from this general undertaking, also comply with the following conditions:
 - All work performed on the premises must be performed under the close supervision of the contractor’s employees who are trained to understand the hazards associated with any work that the contractor performs on the stated premises.
 - The Contractor shall assume the responsibility in terms of Section 16(1) of the Act. If the Contractor delegates any duty in terms of Section 16(2), a copy of such written delegation shall immediately be forwarded to the Client.
 - The Contractor shall ensure that he familiarize himself with the requirements of the Act, and that he, his employees and any Contractor comply with them.
 - The Contractor shall conduct a hazard analysis and ensure that his and any contractor employees are made aware of the hazards identified. This analysis needs to be reviewed prior to a new tasks are commenced.

The Contractor must provide the Client with written proof that his employees and those of the sub contractor have been made aware of the hazards identified. The Contractor must provide the Client with up dated copies of the analysis.

- Discipline regarding Occupational Health and Safety shall be strictly enforced.
- Personal Protective Equipment as defined in the Act and regulations shall be issued free of charge by the Contractor and worn as prescribed.
- Safe work practices shall be enforced and all employees shall be made conversant with the contents of these practices.
- No unsafe equipment/machinery and/or articles will be allows and/or used on the premises.
- All incidents referred to in Section 24 of the Act shall be reported by the Contractor to the Department of Labour as well as to the client. The Client shall further be provided with copies of all documentation relating to any incident.
- The Client hereby obtains an interest in the issue of any formal inquiry conducted in terms of Section 32 of the Act into any incident involving a Contractor and/or his employees and/or his Contractor.
- No use shall be made of any machinery/article/substance/personal protective equipment that belongs to the Client without prior written approval.
- Work for which the issuing of a permit is required shall not be performed prior to the obtaining of a duly completed and approved permit.

- No alcohol or other intoxicating substance shall be allowed on the premises. Anyone found to be or suspected of being under the influence of alcohol or any other intoxicating substance shall be removed from the premises.
 - Full participation shall be given if and when Client employees inquire into Occupational Health and Safety issues.
 - The Contractor expressly agrees to comply with the procedures and arrangements as required by the Act in the execution of the work.
4. The Contractor confirms; that he has been informed that he must report to Client management ;(in writing) anything that he deems to be unhealthy and/or unsafe and that he has versed his employees and/or contractors in this regard.
5. The Contractor warrants that he shall not endanger the health and safety of any of the Client's employees in any way whilst performing any work on the premises.

1. Signed by Client Rep Date _____

2. Signed by Contractor or his Authorized Represent Date _____

C3.4 Contractors Reports

CONTRACTOR MONTHLY REPORT

PART 1

Project No: Project Name:

Contract No:

Contractor Name:

Claim No: For Period Ending:

Date of Report:

The Contractors monthly report comprises an integral part of the Contractors payment claim and processing of the payment claim is not permitted without this report also being submitted i.e.

“NO REPORT – NO PAYMENT”.

Attachments:

Part 2 : Overall Project Worker Schedule: Schedule of all local labourers employed since the start of the project

Part 3 : Weekly Task Wage Register

Part 4 : Local Labour Schedule

Part 5 : Beneficiary List (certified copy of ID's)

Additional Requirements:

1. When contractor recruit local labourers, they must produce a 13 digit identity document and a certified copy of the ID must be forwarded to the DRPW Regional EPWP representative
2. That at least one disabled person be recruited and employed on the project and reported as such
3. A daily attendance register should be kept on site
4. Each beneficiary must **sign** the payment sheet, as proof that they have been paid.
5. At the bottom of the contractors report, the site agent or CLO or contractor must sign the document as proof that the people indicated have worked the number of days
6. Employment of local labourers should constitute the following:
 - a. 55% women
 - b. 55% young people
 - c. the minimum wage rate to be paid is in accordance with the National Minimum Wage Act, 1 March 2024 of the latest Published Act.

OVERALL PROJECT WORKER SCHEDULE (local labourers only)

Contract No: PART 2

Project No.

Project Name:

Month of Report:

Sheet: of

Names of all **Local Workers** employed at any time on the project are to be entered in the table below irrespective of how long they worked on the project.

No.	Name of Local Labourer	Identity Number	Month Worker Started	Age	Tick if Yes									Place a tick in the box which corresponds to the Gender and Age of the Worker				Total No. of workers Employed on the Project	
					Female Head of Household with Dependants	Disabled	Labourer	Semi-Skilled	Skilled	Supervisor	Clerical	Managerial	Professional	Women		Men			
														Over 35 yrs 2A	35 yrs & under 2B	Over 35 yrs 2C	35 yrs & under 2D		
Totals for this sheet																			Total No. of workers Employed on the Project
Totals from previous sheet																			
Totals carried forward																			

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) = (J+K+L)

NOTE: LOCAL LABOUR TARGETS TO BE ACHIEVED WITH REGARD TO EPWP RELATED WORKS: Women = 55%; Youth = 55%; Disabled = 2%

Completed by: Name: Signature:..... Capacity Date:.....

PART 3

[illegible]

Completed by: Name: Signature: Capacity: Date:

LOCAL LABOUR AND MATERIAL SCHEDULE

PART 4

Contract No:

Date of Report:

Project No:

Project Name:

Claim No:

For Period Ending:

Contractor Name:

1. Summary of Day Tasks worked and Amount Spent on Local Labour this month

Week No.	Week Ending	Total Day Tasks / Person Days Worked	Total Amount Paid
		(Total of (A) from Form 4 for each week)	(Total of (B) from Form 4 for each week)
1			R
2			R
3			R
4			R
5			R
6			R
7			R
8			R
9			R
Total			R

Transfer to 2 in table below

2. Summary of Amount Spent on Local Labour to date

1. Previous Amount Spent on Local Labour (From previous claim)	R
2. Amount Spent on Local Labour this month (From Total above)	R
3. Total Amount Spent on Local Labour to date (3) = (1 + 2)	R

3. Local Labour Schedule

Summary of Local Labour Employed		No. of local workers who worked on the project to date (From Part 2)	% of Total
Columns refer to Columns in Part 2			
1. Total No. of individual local workers who have worked on the Project (Column N)			100%
10. How many of the Total No. are local youth (35 yrs and under) (Column B & D)			
11. How many of the Total No. are local women (Column A + B)			

4. Summary of Amount Spent on Material to Date (Cumulative)

Item	This Month	Total to date
1. Material from Local Municipality		

2. Material from Local District Municipality		
3. Material from Outside the Eastern Cape		
4. Material from other areas within the Eastern Cape		
Total Material		
Total material as percentage of contractor expenditure		
Total as percentage of contractor budget		

Training of Local Workers

Catogory of training	Name of course	No. trained	Days trained	Comments on progress
(a) Technical training for implementation	Bricklaying			
	Carpentry			
	Plumbing			
	Fencing			
	Plastering			
	Painting			
	House Building			
	Handyman			
	Electrical			
(b) Institutional training for local management beyond construction				
(c) Technical training for OMM				
(d) Institutional training for implementation				
(e) HIV/ Aids etc.				
Other – Please specify				
Total				

**NOTE: LOCAL LABOUR TARGETS TO BE ACHIEVED WITH REGARD TO
EPWP RELATED WORKS: Women = 55%; Youth = 55%; Disabled = 2%**

Completed by:
Name Signature Capacity Date

Part 5: Pricing Data

C2.1 Pricing Instructions

C2.1: PRICING INSTRUCTIONS JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

1. BILLS OF QUANTITIES

The **bills of quantities** 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 Bid, Conditions of Contract, Specifications, Drawings and all other relevant documentation.

2. VALUE ADDED TAX

The bid 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.

3. PREVIOUS WORK

The bidder is to acquaint themselves with the site thoroughly before pricing. Adjustment of prices will not be entertained after the award of the contract.

C2.2 Preliminaries / Bill of Quantities / Final Summary

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DEFINITIONS**1 A1 DEFINITIONS AND INTERPRETATION**

Clause 1.0

Clause 1.1 Definition of "**Commencement Date**" is added:

"COMMENCEMENT DATE" means the date that the site is handed over to the Contractor

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:

"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 Practise**" 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:

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"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 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 works "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

Fixed: _____ Value related: _____ Time related: _____

OBJECTIVE AND PREPARATION

2 **A2 OFFER, ACCEPTANCE AND PERFORMANCE**

Clause 2.0

Fixed: _____ Value related: _____ Time related: _____

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3	<p>A3 DOCUMENTS</p> <p>Clause 3.0</p> <p>Clause 3.2.1 is amended by replacing "14.1" with "14.0"</p> <p>Clause 3.7 is amended by the addition of the following:</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>Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer"</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
4	<p>A4 DESIGN RESPONSIBILITY</p> <p>Clause 4.0</p> <p>Clause 4.3 is amended by replacing it with the following:</p> <p>No clause</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
5	<p>A5 EMPLOYER’S AGENTS</p> <p>Clause 5.0</p> <p>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3 and 34.4 and 38.5.8</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
6	<p>A6 SITE REPRESENTATIVE</p> <p>Clause 6.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
<p>Carried to Collection</p> <p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries</p>			R	

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10.5 Damage to the Works

- (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
- (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**
- (c) The **employer** shall carry the risk of damage to or destruction of the **works** and material paid for by the **employer** that is the result of the excepted risks as set out in 10.6
- (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

10.6 Injury to Persons or loss of or damage to Properties

- (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 neglect of any person for whose actions the **employer** is legally liable

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- (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 neglect 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**
- (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
- (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**

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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 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

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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

Fixed:_____ Value related:_____ Time related:_____

11 **A11 LIABILITY INSURANCES**

Clause 11.0

Fixed:___ Value related:_____ Time related:_____

12 **A12 EFFECTING INSURANCES**

Clause 12.0

Fixed:_____ Value related:_____ Time related:_____

13 **A13.0 No clause**

14 **A14 SECURITY**

Clause 14.0

Clauses 14.1 - 14.8 are amended by replacing them with the following:

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N/A

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14.1 In respect of contracts with a **contract sum** up to R1 million, the **security** to be submitted by the **contractor** to the **employer** will be as 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 **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**

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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:

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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 **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:

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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

Fixed: _____ Value related: _____ Time related: _____

Item

EXECUTION

15 **A15 PREPARATION FOR AND EXECUTION OF THE WORKS**

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:

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**

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	Clause 15.2.1 is amended by replacing it with the following clause:			
16	Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4 Fixed: _____ Value related: _____ Time related: _____	Item		
17	A16 ACCESS TO THE WORKS Clause 16.0 Fixed: _____ Value related: _____ Time related: _____	Item		
18	A17 CONTRACT INSTRUCTIONS Clause 17.0 Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors " Fixed: _____ Value related: _____ Time related: _____	Item		
19	A18 SETTING OUT OF THE WORKS Clause 18.0 Fixed: _____ Value related: _____ Time related: _____	Item		
20	A19 ASSIGNMENT Clause 19.0 Fixed: _____ Value related: _____ Time related: _____	Item		
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21 A20 NOMINATED SUB-CONTRACTORS

Clause 20.0

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

Fixed: _____ Value related: _____ Time related: _____

Item

22 A21 SELECTED SUBCONTRACTORS

Clause 21.0

Clause 21 is amended by replacing it with:

No Clause

Fixed: _____ Value related: _____ Time related: _____

Item

23 A22 EMPLOYER'S DIRECT CONTRACTORS

Clause 22.0

Fixed: _____ Value related: _____ Time related: _____

Item

24 A23 CONTRACTOR'S DOMESTIC SUBCONTRACTORS

Clause 23.0

Fixed: _____ Value related: _____ Time related: _____

Item

COMPLETION

25 A24 PRACTICAL COMPLETION

Clause 24.0

Fixed: _____ Value related: _____ Time related: _____

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26	A25 WORK'S COMPLETION Clause 25.0 Fixed:_____ Value related:_____ Time related:_____	Item		
27	A26 FINAL COMPLETION Clause 26.0 Clause 26.1.2 s amended by inserting "#" next 26.1.2 Fixed:_____ Value related:_____ Time related:_____	Item		
28	A27 LATENT DEFECTS LIABILITY PERIOD Clause 27.0 Fixed:_____ Value related:_____ Time related:_____	Item		
29	A28 SECTIONAL COMPLETION Clause 28.0 Fixed:_____ Value related:_____ Time related:_____	Item		
30	A29 REVISION OF DATE FOR PRACTICAL COMPLETION Clause 29.0 Clause 29.2.5 is amended by replacing it with: No clause Fixed:_____ Value related:_____ Time related:_____	Item		
31	A30 PENALTY FOR NON-COMPLETION Clause 30.0 Fixed:_____ Value related:_____ Time related:_____	Item		
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PAYMENT

32 **A31 INTERIM PAYMENT TO THE CONTRACTOR**

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**

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**

Alternative B

31.8(B) Where **security** is a payment reduction in terms of 14.7 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:

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31.8(B).1 Ninety per cent (90%) of such value in interim **payment certificates** issued up to the date of **practical completion**

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**

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

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**. In such an event the payment reduction shall remain at the adjustment level applicable to the final **payment certificate**

Clause 31.12 is amended by deleting the following:

Payment shall be subject to the **employer** giving the **contractor** a tax invoice for the amount due

Fixed: _____ Value related: _____ Time related: _____

33 **A32 ADJUSTMENT TO THE CONTRACT VALUE**

Clause 32.0

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:

"due to no fault of the **contractor**"

Fixed: _____ Value related: _____ Time related: _____

34 **A33 RECOVERY OF EXPENSE AND LOSS**

Clause 33.0

Fixed: _____ Value related: _____ Time related: _____

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A34

FINAL ACCOUNT AND FINAL PAYMENT

Clause 34.0

Clause 34.1 is amended by removing "#" next to 34.1

Clause 34.2 is amended by inserting "#" next to 34.2

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"

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"

Fixed:_____ Value related:_____ Time related:_____

Item

36

A35

PAYMENT TO OTHER PARTIES

Clause 35.0

Fixed:_____ Value related:_____ Time related:_____

Item

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CANCELLATION

**A36 CANCELLATION BY EMPLOYER -
CONTRACTOR’S DEFAULT**

Clause 36.0

Clause 36.1 is amended by the addition of the following clauses:

36.1.3 refuses or neglects to comply strictly with any of he conditions of contract

36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

36.1.5 in the judgement of the **employer**, has engaged in **corrupt** or **fraudulent practices** in competing for or in executing the contract

Clause 36.3 is amended by removing the reference to “No clause” and replacing the words “**principal agent**” with “**employer**”

Clause 36.0 is amended by the addition of the following clause:

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**. 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

Fixed: _____ Value related: _____ Time related: _____

37 **A37 CANCELLATION BY EMPLOYER – LOSS
AND DAMAGE**

Clause 37.0

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Clause 37.0 is amended by the addition of the following clause:

Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"

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**. 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

Fixed: _____ Value related: _____ Time related: _____

38 **A38 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT**

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

Fixed: _____ Value related: _____ Time related: _____

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39	<p>A39 CANCELLATION - CESSATION OF THE WORKS</p> <p>Clause 39.0</p> <p>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"</p> <p>Fixed:_____ Value related:_____ Time related:_____</p>	Item		
40	<p>A40 DISPUTE SETTLEMENT</p> <p>Clause 40.0</p> <p>Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"</p> <p>Clause 40.6 is amended by removing the reference to:</p> <p>No clause</p> <p>Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><u>SUBSTITUTE PROVISIONS</u></p>	Item		
41	<p>A41 STATE CLAUSES</p> <p>Clause 41.0</p> <p>Fixed:_____ Value related:_____ Time related:_____</p> <p><u>CONTRACT VARIABLES</u></p>	Item		
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THE SCHEDULE (DPW04EC)

42 A42 PRE-TENDER INFORMATION

Clause 42.0

Tenderers are referred to the document C1.2 Contract Data DPW04(EC) for variables pertaining to this contract

Fixed:_____ Value related:_____ Time related:_____

Item

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SECTION B: JBCC PRELIMINARIES

B1.0 DEFINITIONS AND INTERPRETATION

43 **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

Fixed: _____ Value related: _____ Time related: _____

Item

B2.0 DOCUMENTS

44 **B2.1 Checking of documents**

Fixed: _____ Value related: _____ Time related: _____

Item

45 **B2.2 Provisional bills of quantities**

Fixed: _____ Value related: _____ Time related: _____

Item

46 **B2.3 Availability of construction documentation**

Fixed: _____ Value related: _____ Time related: _____

Item

47 **B2.4 Interests of agents**

Fixed: _____ Value related: _____ Time related: _____

Item

48 **B2.5 Priced documents**

Fixed: _____ Value related: _____ Time related: _____

Item

49 **B2.6 Tender submission**

Clause 2.6 is amended by replacing “JBCC Form of Tender” with “Form of Offer and Acceptance (C1.1)”

Fixed: _____ Value related: _____ Time related: _____

Item

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B3.0 THE SITE50 **B3.1 Defined works area**

Fixed: _____ Value related: _____ Time
related: _____

Item

51 **B3.2 Geotechnical investigation**

Fixed: _____ Value related: _____ Time
related: _____

Item

52 **B3.3 Inspection of the site**

Tenderers shall complete the Site Inspection Certificate
(T2.2k) included in the
tender documents and return the same with the tender
submission.

Fixed: _____ Value related: _____ Time
related: _____

Item

53 **B3.4 Existing premises occupied**

Fixed: _____ Value related: _____ Time
related: _____

Item

54 **B3.5 Previous work - dimensional accuracy**

Fixed: _____ Value related: _____ Time
related: _____

Item

55 **B3.6 Previous work - defects**

Fixed: _____ Value related: _____ Time
related: _____

Item

56 **B3.7 Services - known**

Fixed: _____ Value related: _____ Time
related: _____

Item

57 **B3.8 Services - unknown**

Fixed: _____ Value related: _____ Time
related: _____

Item

58 **B3.9 Protection of trees**

Fixed: _____ Value related: _____ Time
related: _____

Item

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59	B3.10 Articles of value Fixed: _____ Value related: _____ Time related: _____	Item
60	B3.11 Inspection of adjoining properties Fixed: _____ Value related: _____ Time related: _____	Item
<u>B4.0 MANAGEMENT OF CONTRACT</u>		
61	B4.1 Management of the works Fixed: __ Value related: __ Time related: _____	Item
62	B4.2 Programme for the works Fixed: __ Value related: _ Time related: _____	Item
63	B4.3 Progress meetings Fixed: _____ Value related: _R30 000 _____ Time related: _____	Item
64	B4.4 Technical meetings Fixed: _____ Value related: _R10 000.00_ Time related: _____	Item
65	B4.5 Labour and plant records Fixed: _____ Value related: _____ Time related: _____	Item
<u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>		
66	B5.1 Samples of materials Fixed: _____ Value related: _____ Time related: _____	Item
67	B5.2 Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item

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68	B5.3 Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item
69	B5.4 Compliance with manufacturers instruction Fixed: _____ Value related: _____ Time related: _____	Item
<u>B6.0 TEMPORARY WORKS AND PLANT</u>		
70	B6.1 Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item
71	B6.2 Enclosure of the works Fixed: _____ Value related: _____ Time related: _____	Item
72	B6.3 Advertising Fixed: _____ Value related: _____ Time related: _____	Item
73	B6.4 Plant, equipment, sheds and offices Fixed: ____ Value related: ____ Time related: _____	Item
74	B6.5 Main notice board Fixed: _____ Value related: _____ Time related: _____	Item
75	B6.6 Subcontractors' notice board Fixed: _____ Value related: _____ Time related: _____	Item
<u>B7.0 TEMPORARY SERVICES</u>		
76	B7.1 Location Fixed: _____ Value related: _____ Time related: _____	Item

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77	B7.2 Water Fixed: _____ Value related: _____ Time related: _____	Item
78	B7.3 Electricity Fixed: _____ Value related: _____ Time related: _____	Item
79	B7.4 Telecommunication facilities Fixed: _____ Value related: _____ Time related: _____	Item
80	B7.5 Ablution facilities Fixed: _____ Value related: _____ Time related: _____	Item
	<u>B8.0 PRIME COST AMOUNTS</u>	
81	B8.1 Responsibility for prime cost amounts Fixed: _____ Value related: _____ Time related: _____	Item
	<u>9.0 ATTENDANCE ON N/S SUBCONTRACTORS</u>	
82	B9.1 General attendance Fixed: _____ Value related: _____ Time related: _____	Item
83	B9.2 Special attendance Fixed: _____ Value related: _____ Time related: _____	Item
84	B9.3 Commissioning - fuel, water and electricity Fixed: _____ Value related: _____ Time related: _____	Item
	<u>B10. FINANCIAL ASPECTS</u>	
85	B10.1 Statutory taxes, duties and levies Fixed: _____ Value related: _____ Time related: _____	Item
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86	B10.2 Payment for preliminaries Fixed: _____ Value related: _____ Time related: _____	Item		
87	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 "in his priced bills of quantities /lump sum document submitted with his tender offer" Fixed: _____ Value related: _____ Time related: _____	Item		
88	B10.4 Payment certificate cash flow Fixed: _____ Value related: _____ Time related: _____	Item		
	B11. GENERAL			
89	B11.1 Protection of the works Fixed: _____ Value related: _____ Time related: _____	Item		
90	B11.2 Protection / isolation of existing / sectionally occupied works Fixed: _____ Value related: _____ Time related: _____	Item		
91	B11.3 Security of the works Fixed: _____ Value related: _____ Time related: _____	Item		
92	B11.4 Notice before covering work Fixed: _____ Value related: _____ Time related: _____	Item		
93	11.5 Disturbance Fixed: _____ Value related: _____ Time related: _____	Item		
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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 italicized in [] brackets

12.1 PRE TENDER INFORMATION

12.1.1 Provisional Bills of Quantities

[2.2] The quantities are provisional: YES

12.1.2 Availability of construction documentation

[2.3] *Construction of documentation is complete: NO*

12.1.3 Interest of agents

[2.4] Details: See Contract Data Part C/1 of Tender

12.1.4 Defined works area

[3.1] Details: As per Tender Data

12.1.5 Geotechnical investigation

[3.2] Details: Available on request

12.1.6 Existing premises occupied

[3.4] Specific requirements: N/A

12.1.7 Previous work - dimensional accuracy

[3.5] Details: To be checked on site by contractor prior to building operations.

12.1.8 Previous work - defects

[3.6] Details: To be checked on site by contractor prior to building operations.

12.1.9 Services - known

[3.7] Details: Should the contractor encounter any existing services such as underground cables, pipes or sewer during the execution of the works he shall notify the principal agent immediately and suspend all affected work in the immediate vicinity until instruction to proceed has been given by the principal agent.

12.1.10 Protection of trees

[3.9] Specific requirements: All trees on the site outside of the position of the proposed structure must be protected.

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12.1.11 Inspection of adjoining properties[3.11] Specific requirements: The contractor must inspect adjoining properties and immediately bring to the notice of the Principal Agent of any consequences that may arise from the building works.

12.1.12 Enclosure of the works

[6.2] Specific requirements: The contractor shall enclose the works as required by the Occupational Health and Safety Act.

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, chairs, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times.

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 3000 x 3420mm all as per EPWP requirements constructed of suitable boarding with flat smooth surface and with edging bead 40mm thick all round.

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 EPWP "orange" with 40mm wide white dividing lines. All wording shall be inscribed in black painted sans serif lettering.

Sub-contractor's individual boards will be allowed on the site subject to the written approval of the Representative/Agent.

12.1.15 **Subcontractors' notice board**

[6.6] Specific requirements: *NO*

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12.1.16 **Water**
[7.2] Option A (by contractor)
(YES)

Option B (by employer - free of charge when
available) (NO)

Option C (by employer - metered)
(NO)

12.1.17 **Electricity**
[7.3] Option A (by contractor)
(YES)

Option B (by employer - free of charge when
available) (NO)

Option C (by employer - metered)
(NO)

12.1.18 **Telecommunications**
[7.4] Telephone (YES)

Facsimile (NO)

E-mail (YES)

12.1.19 **Ablution facilities**
[7.5] Option A (by contractor)
(YES)
Option B (by employer)
(NO)

12.1.20 **Protection of existing/sectionally occupied
works**
[11.2] Protection is required (Only when existing
buildings) (YES)

12.1.21 **Special attendance**
[9.2] **Electrical sub-contractor** (1) details: Site
Meetings

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12.1.22 **Protection of works**
[11.1] Specific requirements:

The contractor shall protect the works for the duration of the contract.

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: None

12.2 POST-TENDER INFORMATION

12.2.1 **Payment of preliminaries**
[10.2] Option A (prorated)
(NO)

Option B (calculates)
(YES)

12.2.2 **Adjustment of preliminaries**
[10.3] Option A (three categories)
(YES)

Option B (detailed breakdown)
(YES)

12.2.3 **Additional agreed preliminaries items**
Details:**N/A**

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SCHEDULE OF SUPPLEMENTARY INFORMATION

NOTE:

The information listed below is in respect of certain clauses in the Preliminaries, requiring the supplementary information

Amount of insurance against injury to person or property in respect of any single occurrence **R 5 million**
Amount of insurance against removal of support to adjoining properties in respect of any single occurrence **Not specifically prescribed**

Contract period -
10 (Ten) months

The date for site handover :- TBA

Amount of penalty per day on which the completion of the works may be in arrears:

R0.04 per R100 of contract value per day (Excluding VAT)

Specification of materials and methods to be used:
Specification of Materials and Methods to be used - **PW 371, Fourth Revision, October 1993**

Edition of Standard System of measuring building work:
Sixth Edition including the latest amendments

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

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102 **C1 CONTRACT DRAWINGS**

The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed

Should any part of the drawings not be clearly intelligible to the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

Fixed: _____ Value related: _____
Time related: _____

Item

103 **C2 GENERAL PREAMBLES**

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, and shall be read in conjunction with the **bills of quantities** and be referred to for the full descriptions of work to be done and materials to be used

Fixed: _____ Value related: _____
Time related: _____

Item

104 **C3 TRADE NAMES**

Wherever a trade name for any product has been described in the **bills of quantities**, 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

Fixed: _____ Value related: _____
Time related: _____

Item

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105 **C4 IMPORTED MATERIALS AND EQUIPMENT**

Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment (T2.2q) 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)

Fixed: _____ Value related: _____
Time related: _____

Item

106 **C5 VIEWING THE SITE IN SECURITY AREAS**

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

Fixed: _____ Value related: _____
Time related: _____

Item

107 **C6 COMMENCEMENT OF WORKS IN SECURITY AREAS**

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

Fixed: _____ Value related: _____
Time related: _____

Item

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108	<p>C7 ENTRANCE PERMITS TO SECURITY AREAS</p> <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>Fixed: _____ Value related: _____ Time related: _____</p>	N/A		
109	<p>C8 SECURITY CHECK OF PERSONNEL</p> <p>The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified</p> <p>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</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	N/A		
110	<p>C9 PROHIBITION ON TAKING OF PHOTOGRAPHS</p> <p>In terms of article 119 of the defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister</p> <p>The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959</p> <p>Fixed: _____ Value related: _____ Time related: _____</p>	Item		
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C10 HIV/AIDS AWARENESS

It is required of the **contractor** to thoroughly study the HIV/AIDS Specification (PW 1544 of the Department that must be read together with and is deemed to be incorporated under this Section of the **Bills of Quantities**. 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. Also see Part C3.6 Social and Economic Deliverables F1

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 of "Section 1: Preliminaries (Section A" or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment

111 C10.1 AWARENESS CHAMPION

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

Fixed:___ Value related:___ Time related:_____

Item

112

C10.2 AWARENESS WORKSHOPS

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

Fixed:_____ Value related:_____ Time related:_____

Item

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113	<p>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</p> <p>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</p> <p>Fixed:_____Value related:_____ Time related:_____</p>	Item		
114	<p>C10.4 ACCESS TO CONDOMS</p> <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>Fixed:_____Value related:_____ Time related:_____</p>	Item		
115	<p>C10.5 MONITORING</p> <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>Fixed:_____Value related:_____ Time related:_____</p>	Item		
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116 C11 OCCUPATIONAL HEALTH AND SAFETY ACT

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

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

The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A3.10 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.

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

Fixed: __ Value related: __ Time related: __

Item

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C13 LABOUR-INTESIVE WORKS

Those parts of the contract to be constructed using labour-intensive methods have been marked in the bill of quantities with the letters LI in a separate column filled in against every item so designated. The works, or parts of the works so designated are to be constructed using labour-intensive methods only. The use of plant to provide such works, other than plant specifically provided for in the scope of work, is a variation to the contract. The items marked with the letters LI are not necessarily an exhaustive list of all the activities which must be done by hand, and this clause does not override any of the requirements in the '**Specification for social and economic deliverables in construction works contracts**'.

117 C13.1 LABOUR INTENSIVE

Payment for items which are designated to be constructed labour-intensively (either in this schedule or in the Scope of Works) will not be made unless they are constructed using labour-intensive methods. Any unauthorised use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.

Fixed:_____ Value related:_____ Time related:_____

Item

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118 C14 LOCAL LABOUR

It is an express condition of Contract that only local people (resident within the local area) may be employed on the contract. Provided that adequate labour is not available from the local area, other labour may be employed / imported subject to satisfactory proof being provided that every effort was made to employ local residents. The contractor shall liaise with the Community Liason Officer and local authorities and negotiate with them about the employment of local labour in the building process. The contractor shall in general maximize the involvement of local communities.

The abovementioned condition does not apply to the contractors permanent staff and specialist related work e.g. blasting of rock, etc.

Detailed records of actual labour employed on site shall be submitted to the Principal Agent on a monthly basis.

Fixed:_____ Value related:_____ Time related:_____

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Accurate records of all such dewatering shall be kept to determine the total volume of water so removed and a clear distinction shall be made between water from subterranean sources and other water.

Density testing on filling:

Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved.

When additional testing is done on instruction of the Principal Agent and these tests are successful, they will be paid for additionally.

SITE CLEARANCE ETC

- 1 Allow for clearing the area of the site to be built upon of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, debris, etc., including grubbing up all roots, scoffling up as required and cart away all vegetation and debris.

m2 3 201

BULK EXCAVATION

Open face excavation not exceeding 2m deep:

- 2 Excavate to cut in open face, not exceeding 2m deep to reduce levels and grade to fill and compact to 93% mod AASHTO density at optimum moisture content.

m3 1 059

Extra over bulk excavation in earth for excavation in:

- 3 Soft rock.

m3 106

- 4 Hard rock.

m3 26

Extra over all excavations for carting away:

- 5 Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.

m3 900

Keeping excavations free of water:

- 6 Keeping excavations free of water.

Item

EARTH FILLING, ETC.

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Section No. 2
Bill No. 1
Platforms

<u>Earth filling from excavated material</u>					
7	Dig, load and remove filling selected from spoil heaps on site and deposit as filling in platforms including spreading and compacting to cambers and falls in layers not exceeding 150 mm thick to a minimum of 95% Modified AASHTO dry density.	m3	159		
<u>Selected earth supplied by the Contractor including haulage (material to comply with Pi <10 GM = 1.2)</u>					
8	Over site of G7 base course material compacted to 98% Mod AASHTO density.	m3	318		
<u>Selected earth supplied by the Contractor including haulage (material to comply with Pi <10 GM = 1.2)</u>					
9	Over site of G5 base course material compacted to 98% Mod AASHTO density.	m3	318		
<u>Compaction of Surfaces</u>					
10	Compaction of ground surfaces under floors, etc, including scarifying for a depth of 150mm, breaking down oversize materials, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m2	2 119		
<u>Prescribed density tests on filling</u>					
11	Modified AASHTO Density test.	No	8		
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Platforms					

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Platforms

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Platforms

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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.

Formwork to soffits of solid slabs etc., shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

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.

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

15Mpa/19mm Concrete

1	Surface blinding under footings and bases.	m3	43
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REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

25MPa/19mm concrete:

2	Ground Beams	m3	86
3	Surface beds cast in panels on waterproofing	m3	212

TEST BLOCKS

Test blocks:

4	Making and testing set of three 150x150x150mm concrete strength test cubes (Provisional).	No	33
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FINISHING TOP SURFACE OF CONCRETE

Finishing top surfaces of concrete with a wood float:

5	Surface beds, slabs, etc	m2	2 119
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ROUGH FORMWORK (DEGREE OF ACCURACY III)**Rough Formwork to Soffits:**

6	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	490
7	Edges, risers, ends and reveals exceeding 300mm high or wide.	m	540

MOVEMENT JOINTS ETC**Vertical construction joints through concrete including thick cement slurry to one face:**

8	Surface beds not exceeding 300mm thick	m	402
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Isolation joints with bitumen impregnated softboard between vertical concrete or brick surfaces:

9	10mm Joints not exceeding 300mm high (Provisional).	m	144
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REINFORCEMENT (PROVISIONAL)

10	Steel reinforcement to structural concrete work.	t	5.00
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Fabric reinforcement:

11	REF. 193 fabric reinforcement in concrete surface beds, slabs, footings, etc.	m2	2 119
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Item No		Quantity	Rate	Amount
	<p><u>ALTERNATIVE BUILDING TECHNOLOGY</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.</p> <p>All prices for the Prefabricated Building Bill of Quantities must include for all establishment and overhead charges to be incurred by the specialist supplier and sub-contractor. No additional charge will be entertained by the Employer for failure to price accordingly.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></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>PREFABRICATED BUILDING STRUCTURES</u></p> <p>NOTE: All the alternative building technology buildings are design build therefore the contractor must employ a competent qualified design team for the design, construction supervision and commissioning of the buildings. The Modular Structures Specifications for Design, Manufacture, Supply, Deliver and Erect Prefabricated Structures attached to these Bills must be applied by the design team. JBCC principal building agreement clause will not apply on the alternative building technology buildings.</p>			
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Description of erection process:

All material, workmanship, etc are to be of highest quality and must comply with SANS 10400 and SANS 204:2011 The application of the National Building Regulations and specification of materials and methods used PW 371, which is obtainable from the Department of Public Works, and shall be read in conjunction with items from bills of quantities.

A Temporary Floor Construction Method is to be used for this Project, where temporary suspended floors constructed out of 19mm Shutterboard (or similar approved) are placed on an Engineer Designed Galvanised Steel Structure. The area under the floor structure is to be closed off with a durable side wall material. Platforms on which the Structure will be placed is measured under External Works. Concrete verandahs floors and V-channels will also be measured under External Works

Foundations and surface bed

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- 1. A competent person classifies the site in accordance with the site class designation set out in table 3 of SAIEG publication guidelines for urban engineering geological investigations.
- 2. All foundations must be designed by a professional engineer in accordance with the requirement of SANS 10161 and constructed accordingly.
- 3. The foundations and surface floor slab are cast in accordance with the plan of the building, using concrete with a minimum compressive strength of 20MPa at 28 days.
- 4. The in-situ platform under the surface bed slab to be scarified to a depth of 150mm and to be compacted to 93% mod AASHTO.
- 5. The fill under the slab to be imported filling (G 7) to be deposited in layers not exceeding 150mm thick, well watered and compacted to 95% mod. AASHTO density.
- 6. The foundation slab is cast on a 250 micro damp membrane sheeting complying with the requirements of SANS 952.
- 7. A 50mm thick layer of clean dry sand filling selected and supplied by the contractor, watered and consolidated to laid under the DPM membrane sheeting.
- 8. The thickness of the concrete in the floor construction to be minimum of 100mm and
- 9. The contractor to allow for any contraction by constructing expansion joints as required.

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Shop drawings and designs:

Successful Contractor must provide the Principal Agent with shop drawings and foundation designs before commencing with works on site. The Contractor must resume with the works only after the Client / Principal agent has approved the design of the buildings.

Quality certificates:

- 1. Contractor must provide compaction certificate for density.
- 2. Contractor must provide concrete compressive strength certificate.
- 3. Contractor must provide a structural walling certificate.
- 4. Contractor must provide a roof covering certificate.
- 5. Contractor must provide a certificate of compliance for electrical installation.
- 6. Contractor must provide a lighting protection certificate where applicable.
- 7. Contractor must provide a commission certificate for the entire building, it must also confirm the life expectancy of the building which be not less than 50 years.

Alterations (Materials to re-used)

Pricing to include carefully removing, setting aside, transport from the current Amasango Special School to their new site +/- 5km away and

reinstate (elsewhere measured).

Note: Contractor can choose to relocate the complete units or carefully dismantle and reinstate on the other side.

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Renovations

Note: existing prefabs were designed by 'Fabricated Steel Manufacturing (FSM)'. Contractor to make sure materials used for renovations will suit or match this design.

Flashings, etc.:

- 6 New steel flashing or frame to close window reveals to receive new aluminium windows (elsewhere measured).

m 50

- 7 New steel frame to suit 813 x 2032mm CDK door with hinges (elsewhere measured) fixed to existing openings.

m 9

Supply and lay Superflex fully flexible vinyl floor sheeting 1,2m wide x 2,0mm thick of selected colour and pattern, manufactured in accordance with SANS 786:2000, laid in acrylic adhesive by approved specialist flooring contractor, spread with a Vicker A24F trowel at a rate of between 5.5m² and 6.5m² per litre on previously prepared sub-floor by builders, with joints welded with a fully flexible coloured Welding Rod to provide a smooth, hygienic sealed finish and rolled with 68kg three section metal roller on completion.

- 8 On floors

m2 2 500

Clean by stripping and sealing and apply three coats water based copolymer emulsion or other approved sealer:

- 9 On vinyl flooring.

m2 348

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Doors and Windows:

- 10 813 x 2032mm CDK composite single door (white 0.5mm galvanised steel Chromadek smooth sheets fitted to core on both sides), Each door leave is fitted with three aluminium naturally anodised sinkless door hinges. Union 3 lever locksets with zinc back plates are fitted as standard.

No 9

- 11 900 x 1200mm standard awning type natural aluminium windows with aluminium burglar bars over openings to suit openings

No 5

- 12 1,500 x 1200mm standard awning type natural aluminium windows with aluminium burglar bars over openings to suit openings.

No 5

Wrought meranti:

- 13 22 x 44mm Rebated and chamfered surrounds plugged and screwed to wall at not exceeding 500mm centres, including screws, holes, plugs, etc.

m 204

Approved chalkboards to comply with CKS-36-1980 standard specification:

- 14 Standard Vitreous enamel magnetic chalkboards with aluminium chalkrail including setting up and fixing to walls complete and securing bottom of each board with two fixing brackets in accordance with the manufacturer's instructions, size 2,400 x 1,140 mm high overall.

No 2

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15	Set of two standard Vitreous enamel magnetic chalkboards with aluminium chalkrail including setting up and fixing to walls complete and securing bottom of each board with two fixing brackets in accordance with the manufacturer's instructions, size 4,800 x 1,140 mm high overall.	No	5		
	<u>"Duro Penta" or other approved plastic rainwater goods:</u>				
16	120mm wide halfround eaves gutter fixed to prefabricated building as described.	m	120		
17	Extra over eaves gutter for stopped end.	m	32		
18	Extra on eaves gutter for outlet with nozzle for and joint 80mm diameter plastic rainwater pipe, including galvanised wire balloon grating.	No	16		
19	80mm Diameter rainwater pipe fixed to walls.	m	6		
20	Extra over rainwater pipe for bend.	No	48		
21	Extra over rainwater pipe for shoe.	No	16		
	<u>Portable fire extinguishers:</u>				
22	Service existing fire extinguisher complete.	No	8		
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Clean down thoroughly with galvanised iron cleaner, wash down with water, prime with one coat galvanised metal primer and finish with two coats superior universal non drip enamel on:

23	Wall panels	m2	959		
	Strip all existing Electrical Reticulation and Reinstall with New, all as per T.2.2W General Specification item 2.9 Electrical installation, by Specialist Sub-Contractor:				
24	Electrical Installation complete to Existing Classroom (+/-14.80m2).	No	1		
25	Electrical Installation complete to Existing Classroom (+/-17.10m2).	No	1		
26	Electrical Installation complete to Existing Classroom (+/-29.60m2).	No	1		
27	Electrical Installation complete to Existing Classroom (+/-57.90m2).	No	5		

NEW PREFABRICATED BUILDING

Prefabricated structure (Please note that the wall panels are fixed into the concrete slab)

All structures to have roof pitch of not less than 15 degree and eaves height to be 3000mm high underside of gutter at verandah 2400mm.

All windows to meet ventilation and lighting requirements, each classroom to have steel or aluminium windows of 1200mm x 1200mm high

Air vents in each classrooms and ablutions

All fittings inside to be SABS approved

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Ablutions (Block 6)

- 28 Construction of prefabricated Ablution block (72m²) size 10 140 x 7 140 x 3 000mm high at eaves, using 90mm thick panels on walls and 60mm thick panels on roof: Male : 3x WC, 7 x WHB, 2 x urinals and 3 x 300 x 600mm mirrors; Female : 5 x WC, 4 x WHB and 3 x 300 x 600mm mirrors. 2 x disabled toilets, 2x WHB, 2 x rear and side grab rails and 300 x 600mm mirror. Windows, 2 x aluminium top hung windows 1200 x 1200 high fitted with burglar bars, 16 x aluminium top hung windows 600 x 600 high fitted with burglar bars. Wall panels are fixed into the new concrete slabs (The concrete floor is measured elsewhere). Electrics – 16 x fluorescent fittings, 2 off extractor fans and 2 off external bulkhead fitting. quote based on cold water connection only (no geyser) Ref to T2.2W for further Specification and REF TO DRAWING NO ECDOE-P6-113

No

1

Kitchen & food distribution (Block 5)

- 29 Construction of prefabricated structure for Kitchen & food distribution (115m²) building size 12 340 x 9 240mm wide x 3 000mm high overall, using 90mm thick wall panels and 60mm thick roof panels, building width is inclusive of 3 x verandahs (front and both sides) 1 600mm wide each, with verandah poles encased in concrete. The walls panels are fixed into the new concrete floor (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. Including a pinning board size 4800 x 1200mm high. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-111

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	<u>2 x new classroom block with 2 x stores and 2 x office (Block 2)</u>			
30	<p>Construction of prefabricated structure for 2 x new classroom block with 2 x stores and 2 x offices (180m2) building size 20 450 x 8 780mm wide x 3 000mm high overall, using 90mm thick wall panels and 60mm roof panels, building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. The wall panels are fixed into the new concrete floor (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. Each classroom must have a pinning board size 4,800 x 1,200mm high, steel cabinet 900 x 450 x 1,800mm high and chalk board size 4,800 x 1200mm high. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-103</p>	No	1	
	<u>Library, Computer Lab, stores and offices (Block 9)</u>			
31	<p>Construction of prefabricated structure for Library with Store & office and Computer Lab block with store and office (200m2) building size 21 650 x 9 280mm wide x 3 000mm high overall, using 90mm thick panels to wall and 60mm thick panels to roof, building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. (The wall panels are fixed to the new concrete floor (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. Both classrooms must have a pinning board size 4 800 x 1200mm high. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-118</p>	No	1	
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Beauty Offices, Stores and Sewing (Block 8)

- 32 Construction of prefabricated structure for Beauty, 2 x offices, 2 x stores and Sewing block (200m²) building size 21 650 x 9 280mm wide x 3 000mm high overall, using 90mm wall panels and 60mm roof panels. The building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. The wall panels are fixed into the new concrete floor (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-116

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2 x Classroom, stores, HOD offices and 2 x Ablution (Block 7)

- 33 Construction of prefabricated 2 x Classroom block with 2 x stores, HOD offices and 2 Ablution block (280m²) building size 32 090 x 8 740mm wide x 3 000mm high overall using 90mm thick wall panels on wall and 60mm panels on roof, The structure is including ablution blocks; Male 4x WC, 3 x WHB, and 3 x 300 x 600mm mirrors and for female: 4 x WC, 3 x WHB 3 x 300 x 600mm mirrors; 2 x disabled toilets, 2x WHB, rear & back grab rails and 300 x 600mm mirror (no geyser). The building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. Wall panels are fixed into concrete slab (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. Each classroom must have a pinning board size 4800 x 1200mm high, steel cabinet 900 x 450 x 1800mm high and chalk board size 4800 x 1200mm high. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-114

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Art & Craft, Workrooms, Stores, Pottery, Outdoor learning area and Kiln (Block 4)

- 34 Construction of refabricated structure for Art & Craft, 2 x workrooms, 2 x stores, pottery, outdoor learning area and Kiln block (298m²) building size 35 020 x 8 500mm wide x 3 000mm high overall, using 90mm wall panes and 60mm roof panels. The building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. The wall panels are fixed into the new concrete floor (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO ECDOE-P6-107

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Administration (Block 1)

- 35 Construction of prefabricated structure for Administration block (BLOCK 1D) as per the attached drawing (350m²) building size 27 410mm x 12 100mm wide with 2 670mm x 2 000mm wide projection in front and 1 690mm x 4 300mm wide projection at the back; the building is 3 000mm high overall, using 90mm thick wall panels and 60mm thick roof panels. The building width is inclusive of verandah 1 600mm wide with verandah poles encased in concrete. Fixed wall panels is fixed into the new concrete slab (The concrete floor is measured elsewhere). Prefabricated structure complete including prefabricated walling, doors, windows minimum of 10% window to floor area light ratio, ceilings, roofs, Electrical and finishes. Structure to conform to the NHBRC and SANS standards. Including a pinning board size 4 800 x 1 200mm high. The structures must also include barge boards, fascia boards, gutters and downpipes. Ref to T2.2W for further Specification and DRAWING NO: ECDOE-P6-101

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Item No		Quantity	Rate	Amount
	<u>SECTION 4</u>			
	<u>BILL No. 4</u>			
	<u>WATERPROOFING</u>			
	<u>MODEL PREAMBLES</u>			
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	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.			
	<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
	<u>One layer of 250 micron 'USB GREEN' waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape':</u>			
1	Under surface beds.	m2	2 119	
	<u>WATERPROOFING TO PIT WALLS</u>			
	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
2	6 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary (Provisional).	m	245	
3	10 x 10mm In expansion joints including raking out expansion joint filler as necessary.	m	123	
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	Waterproofing			
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Item No		Quantity	Rate	Amount
	<u>SECTION 5</u>			
	<u>BILL No. 8</u>			
	<u>RAINWATER TANKS AND STANDS</u>			
	<u>MODEL PREAMBLES</u>			
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Density testing on filling:</u>			
	Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved. When additional testing is done on instruction of the Principal Agent and these tests are successful, they will be paid for additionally.			
	<u>PLINTH FOR WATER TANKS</u>			
	<u>Site Clearance</u>			
	<u>Site Clearance</u>			
1	Allow for clearing the area of the site to be built upon of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, debris, etc., including grubbing up all roots, scoffling up as required and cart away all vegetation and debris.	m2	432	
	<u>EXCAVATION OTHER THAN BULK</u>			
	<u>Excavate in pickable material not exceeding 2m deep below natural or reduced ground level:</u>			
2	Trenches, Holes	m3	19	
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Risk of collapse of excavations other than bulk:

- | | | | |
|---|---|----|-----|
| 3 | Risk of collapse to sides of excavations to holes, trenches, etc. from ground level to not exceeding 1,5m deep. | m2 | 104 |
|---|---|----|-----|

CARTING AWAY.

- | | | | |
|---|---|----|----|
| 4 | Extra over all excavations for carting away surplus excavated material and spreading, levelling and lightly compacting on site where directed not exceeding 100m from the excavations.(measured nett - no allowance made for bulking) | m3 | 20 |
|---|---|----|----|

EARTH FILLING, ETC.

Filling with material from the excavations compacted to a density of at least 95% Mod. AASHTO maximum density:

- | | | | |
|---|--------------------------------------|----|---|
| 5 | Backfilling to trenches, holes, etc. | m3 | 5 |
|---|--------------------------------------|----|---|

Filling with 3% Cement Stabilised approved natural gravel material (G5) supplied and carted onto site by the Contractor and compacted to 95% Mod AASHTO density:

- | | | | |
|---|---|----|----|
| 6 | Under trenches, holes, surface beds, etc. | m3 | 17 |
|---|---|----|----|

Prescribed density tests on filling

- | | | | |
|---|-------------------------------|----|----|
| 7 | Modified AASHTO Density test. | No | 18 |
|---|-------------------------------|----|----|

CONCRETE, FORMWORK AND REINFORCEMENT**SUPPLEMENTARY PREAMBLES****Cost of tests:**

The costs of making, storing and testing of concrete test cubes as required under clause 7 'Tests' of SABS 1200 G 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).

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Formwork:

Descriptions 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 re-use.

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.

Formwork to soffits of solid slabs etc., shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

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.

REINFORCED CONCRETE**25Mpa/19mm Concrete**

8	Surface beds	m3	19
9	Finishing top surface of concrete slab smooth with a wood flat	m2	51

TEST BLOCKS**Test blocks:**

10	Making and testing set of three 150x150x150mm concrete strength test cubes (Provisional).	No	18
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SMOOTH FORMWORK (DEGREE OF ACCURACY II)**Carried to Collection**

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	<u>Smooth Formwork to Sides:</u>		
11	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	171
	<u>BRICKWORK IN FOUNDATIONS (PROVISIONAL)</u>		
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:</u>		
12	One brick walls.	m2	41
	<u>BRICKWORK IN SUPERSTRUCTURE</u>		
	<u>Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class II mortar:</u>		
13	One brick walls.	m2	85
	<u>BRICKWORK AND BLOCKWORK SUNDRIES</u>		
	<u>Galvanized brickwork reinforcement</u>		
14	230mm Wide reinforcement built in horizontally.	m	754
15	Ditto, but in foundations (Provisional).	m	125
	<u>REINFORCEMENT</u>		
	<u>Fabric reinforcement:</u>		
16	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	45
	<u>FACE BRICKWORK</u>		
	<u>"Corobrik Golden Wheat Travertine FBS" clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2:</u>		
17	Extra over brickwork for face brickwork externally.	m2	100
18	Ditto but in foundations.	m2	25

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PLUMBING AND DRAINAGE**TANKS ETC**

19	5000 Litre polyethylene rotomoulded rainwater storage tank, including lid, fitted with and including 50 x 15mm reducer and setting in position on concrete tank stand (elsewhere measured) and tying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secure to each corner of tank stand with a double strand of 4mm diameter galvanised wire embedded into concrete. (Note: tanks to be filled with water before practical completion).	No	18
20	Hole top of tank for 100mm pipe.	No	18

STORMWATER CHANNELS**Insitu concrete channels:**

21	700 x 85mm 25Mpa open concrete stormwater channel with 600 x 90mm deep 'V' channel, on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary excavations, formwork, compaction, grading, carting away, etc.	m	783
22	Extra over for angles, intersections, ends, dressing into sides of catchpits, etc	No	136
23	Extra over for widening concrete to form spreader 2000mm wide extreme, for a length of 1750mm and bedding 8x 150 x 150x 150mm concrete blocks set into concrete slabs, spaced to falls including brushing concrete between blocks.	No	42

MOVEMENT JOINTS ETC**Carried to Collection****R**

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	<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>				
24	10mm Joints not exceeding 300mm high (Provisional).	m	293		
	<u>Approved polysulphide sealing compound including backing cord, bond breaker, primer etc.:</u>				
25	10 x 10mm In vertical expansion joints between concrete surfaces, including raking out expansion joint filler as necessary (Provisional).	m	293		
	<u>HIGH RISE TANK</u>				
	<u>Clearing of site:</u>				
26	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	64		
	<u>Excavation in earth not exceeding 2m deep:</u>				
27	Bases.	m3	11		
	<u>Filling supplied by the contractor.</u>				
28	Off site to a dumping site to be found by the Contractor.	m3	11		
	<u>Risk of collapse of excavations other than bulk:</u>				
29	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	29		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 1				
	Rainwater Tanks and Channels				

-77-

Test blocks:

38	Making and testing set of three 150x150x150mm concrete strength test cubes (Provisional).	No	3
----	---	----	---

ROUGH FORMWORK (DEGREE OF ACCURACY III)**Smooth Formwork to Soffits:**

39	Rectangular columns	m2	10
----	---------------------	----	----

Bolts

40	500mm long M24 GM Holding down bolts cast into concrete	No	16
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Mild steel reinforcement to structural concrete work:

41	10mm Diameter bars.	t	0.10
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42	12mm Diameter bars.	t	0.10
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43	16mm Diameter bars.	t	0.14
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44	20mm Diameter bars.	t	0.14
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Carried to Collection**R**

Section No. 3
 Bill No. 1
 Rainwater Tanks and Channels

Section No. 3

Bill No. 1

Rainwater Tanks and Channels

COLLECTION

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Section No. 3

Bill No. 1

Rainwater Tanks and Channels

R

Item No		Quantity	Rate	Amount
	<u>SECTION 5</u>			
	<u>Bill No 2</u>			
	<u>EXTERNAL WORK (PROVISIONAL)</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	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.			
	<u>SITE CLEARANCE ETC</u>			
1	Allow for site clearing and cleaning the area in between and around all the building blocks within the perimeter of the school all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, debris, etc., including grubbing up all roots, scoffling up as required and cart away all vegetation and debris.	m2	2 228	
2	Strip layer of topsoil and cart away from site (no allowance made for increase in bulk) to dump site to be located by the contractor.	m2	2 228	
	<u>BULK EXCAVATION</u>			
	<u>Open face excavation not exceeding 2m deep:</u>			
3	Excavate to cut in open face, not exceeding 2m deep to reduce levels and grade to fill and compact to 93% mod AASHTO density at optimum moisture content.	m3	1 337	
	Carried to Collection		R	
	Section No. 3			
	Bill No. 2			
	Site Works			

	<u>Extra over bulk excavation in earth for excavation in:</u>				
4	Soft rock.	m3	334		
5	Hard rock.	m3	134		
	<u>Extra over all excavations for carting away:</u>				
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	1 163		
	<u>Keeping excavations free of water:</u>				
7	Keeping excavations free of water.		Item		
	<u>EARTH FILLING, ETC.</u>				
	<u>Earth filling from excavated material</u>				
8	Dig, load and remove filling selected from spoil heaps on site and deposit as filling in platforms including spreading and compacting to cambers and falls in layers not exceeding 150 mm thick to a minimum of 95% Modified AASHTO dry density.	m3	201		
	<u>Selected earth supplied by the Contractor including haulage (material to comply with $P_i < 10 \text{ GM} = 1.2$)</u>				
9	Over site of G5 base course material compacted to 98% Mod AASHTO density.	m3	201		
	<u>Earth filling supplied by the contractor under pavings etc.</u>				
10	Over site of G7-SUBGRADE material compacted to 95% Mod A.A.S.H.T.O. density.	m3	334		
	<u>Surface Preparation:</u>				
11	Trim and level off surface of ground (excavated or filled under this Contract) including excavating or filling, ripping and scarifying as necessary and compacting the whole area for a depth of 300mm to a density of at least 90% Mod. AASHTO maximum density, part to falls.	m2	2 228		
	<u>Prescribed density tests on filling</u>				
12	Modified AASHTO Density test.	No	35		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 2				
	Site Works				

**PRECAST CONCRETE BLOCK PAVING AND
ROAD SURFACING (CPAP Work group No 112)**

80mm Standard grey Category S-C interlocking concrete
pavers including straight and raking cutting:

- 13 80mm interlocking Paving to parking areas, roadways, to match, etc.

m2 850

60mm Standard grey Category S-C bond concrete
pavers including straight and raking cutting:

- 14 60mm Paving to aprons, parking areas, roadways, etc.

m2 901

REINFORCED CONCRETE

25MPa/19mm Concrete:

- 15 Concrete edge beam.

m3 1

- 16 Walkways, surface beds cast in panels.

m3 48

Finishing top surfaces of concrete smooth with a wood
float:

- 17 Paving, etc to slight falls.

m2 398

Rough Formwork to Sides:

- 18 Edges, risers, ends and reveals not exceeding 300mm high or wide.

m 986

Carried to Collection

Section No. 3
Bill No. 2
Site Works

R

	<u>Precast concrete finished smooth on exposed surfaces including bedding, cutting and pointing:</u>				
19	Kerb (SANS 927 fig 4) 150 x 250mm high with 150 x 150 x 250mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc.	m	120		
20	Kerb (SANS 927 fig 4) 150 x 300mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavatio, backfilling, etc.	m	155		
21	Kerb (SANS 927 fig 4) 150 x 250mm high with 150 x 150 x 250mm unreinforced concrete haunching at back of each joint, circular on plan not exceeding 4m radius, formed with short lengths of straight kerb including excavation, backfilling, etc.	m	11		
	<u>Fabric reinforcement:</u>				
22	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	398		
	<u>Road marking</u>				
23	Lines 100mm wide.	m	115		
	<u>Road signs</u>				
24	Disable sign	No	1		
25	Type R1 Stop sign including lettering, galvanised mild steel post, concrete base, all necessary excavations, formwork, filling ramming etc.	No	1		
Carried to Collection				R	
Section No. 3					
Bill No. 2					
Site Works					

GRADE R YARD

Playground equipment by 'Rustic Jungle Gyms' or similar approved.

Jungle Gyms:

26 Timber Jungle Gym (Basic & 2 swings), made up of one raised platforms (1,4 x1,4m each), with timber droppers roof, wooden railings around the platforms, cargo net, a 2.2m glass fibre slide, a rung ladder, and two swings bolted into timber beam installed complete by specialist.

No

1

Carried to Collection

Section No. 3
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Site Works

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Section No. 3

Bill No. 2

Site Works

COLLECTION

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Section No. 3
Bill No. 2
Site Works

R

Carried to Collection

<u>Mesh Galvanised then Fusion Bond powder coated Posts:</u>					
10	Taper locking post 85mm wide tapering to 45mm with a depth of 85mm, 3,000mm long incl. Locking Recess Mechanism to secure panel, posts sealed with a UV stabilized polymer cap. Posts spaced at 3,390mm intervals embedded in concrete bases (measured elsewhere).	No	495		
<u>Mesh Galvanised then Fusion Bond powder coated Fencing:</u>					
11	Fencing Panels 3,305 x 2,400mm high formed of 3.5mm coated wire, wire aperture size (centers) @ 76.2mm x 12.7mm. Panel reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands, (rigidity). 2 x 75mm 70deg flanges along sides (internal fixtures - anti vandal). Allow for flush post and panel finish, 48 line wire secure connection, Locking recess mechanism and 1 x 90deg flange along top and 1 x 30deg flange toe (arrow-straight edges, intergrated angle). Include mechanically galvanised single bolt comb clamps, double bolt comb clamps and tech-bolts. Panels fixed to Taper Locking Post (measured elsewhere).	No	1 592		
<u>Gates:</u>					
12	Single leaf Security fence swing gate, size 1,200 x 2,400mm high including spikes, formed of 3mm dia Galvanised wire with aperture size (centers) 76.2mm x 12.7mm. Mesh Galvanised, then Marine Fusion Bond coated (acid modified). All connections and joints shall be welded to form rigid frames or assembled with corner fittings. Hinges shall not twist or turn under the action of the gate and shall be so arranged that a closed gate cannot be lifted off the hinges to obtain entry. Include union padlock No 3122.	No	4		
13	Double leaf Security fence swing gate, size 4,000 x 2,400mm high including spikes, formed of 3mm dia Galvanised wire with aperture size (centers) 76.2mm x 12.7mm. Mesh Galvanised, then Marine Fusion Bond coated (acid modified). All connections and joints shall be welded to form rigid frames or assembled with corner fittings. Hinges shall not twist or turn under the action of the gate and shall be so arranged that a closed gate cannot be lifted off the hinges to obtain entry. Include union padlock No 3122.	No	2		
Carried to Collection				R	
Section No. 3					
Bill No. 3					
Fencing					

Sundries:

14	100mm high Clearvu (or similar approved) toughened steel Shark tooth Spike 1,650mm long, Galvanised, then Marine Fusion Bond coated (acid modified) , fixed to pannel edge, internally at 150mm intervals using Anti-vandal bolts.	m	1 592
15	600mm Anti-Burrow mesh extension secured to the lower edge integrated angle.	m	1 592

HOARDING**Allow for temporary fencing of the construction area:**

16	75mm Treated timber post 1600mm high at 2000mm centers plated 400mm into ground with straining post as required including all excavations, concrete, backfilling.	m	542
17	75 mm mesh wire 1200mm high including all wire requered for fixing of wire to temporary timeber treated post.	m	542

Removal of temporary fencing:

18	Take down and remover 75mm wire mesh including all temporary timber treated post and straining post including all concrete and backfilling of holes.	m	542
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Carried to Collection**R**

Section No. 3
 Bill No. 3
 Fencing

Section No. 3

Bill No. 3

Fencing

COLLECTION

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Section No. 3
Bill No. 3
Fencing

R

Carried to Collection

R

Holes for pipes through new walls:

No allowance for holes and drilling for pipes through new walls has been made in these bills of quantities, the price for all holes and making good shall be deemed to be included in the description of pipes.

Reducing fittings:

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.

Description of pipes laid in trenches:

Descriptions of pipes laid in trenches shall be deemed to include for carting away all surplus excavated material to a dumping site located by the contractor.

Excavations:

No claim for rock excavation will be entertained unless the Contractor has timeously notified the quantity surveyor thereof prior to backfilling.

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

Laying, backfilling, bedding, etc of pipes:

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

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clause 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB: Earthworks (Pipe trenches) Clause 5.7.2 will only be applicable if authorised by the Engineer in writing.

Carried to Collection

Section No. 3
Bill No. 4
Plumbing and Drainage

R

Flush pans:

Flush pans shall have straight or side outlets and 'P' or 'S' traps as necessary.

Stainless steel basins, sinks, wash troughs, urinals, etc:

Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable.

Fixing:

Descriptions of wall mounted, floor standing, drop-in, etc type sanitary fittings shall be deemed to include fixing in position and all fixing accessories.

Descriptions of proprietary items shall include fixing in position and all fixing accessories as specified by the manufacturer.

Waste unions:

Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings.

Sleeve pipes:

Electrical sleeve pipes to be Class 34 and are to include for draw wires.

SOIL DRAINAGE

HDPE Channels

- | | |
|---|--|
| 1 | 160mm Half-round channels in bottoms of inspection chambers. |
|---|--|

m	7
---	---

Extra over HDPE channels for fittings

- | | |
|---|-------------|
| 2 | 160mm Bend. |
|---|-------------|

No	2
----	---

- | | |
|---|-----------------|
| 3 | 160mm Junction. |
|---|-----------------|

No	3
----	---

Carried to Collection

R

Section No. 3
Bill No. 4
Plumbing and Drainage

Carried to Collection

	<u>HDPE gulleys:</u>				
15	110mm Gulley not exceeding 1m deep, etc.	No	5		
	<u>The following in 6 inspection chambers</u>				
16	Excavation in earth not exceeding 2m deep	m3	18		
17	Cart away from site to a dumping site to be located/ found by the Contractor.	m3	18		
18	Grade 15 mass concrete benching at bottoms of MH	m3	1		
19	Unreinforced concrete benching in bottom of 1430 x 1430mm chamber approxiametly 200mm thick, dished down to channels and finished smooth with 25mm granolithic screed.	No	6		
20	1130 x 1130 x 150mm Thick Grade 25 reinforced precast concrete manhole cover slab, with opening of and including +/- 395mm diameter precast concrete cover and lid, finished smooth on exposed surfaces with plaster including necessary formwork and reinforcement.	No	6		
21	Type 193 fabric reinforcement in concrete bottoms	m2	12		
22	One brick walls	m2	15		
	<u>25mm thick sulphate resistance 1:3 cement /sand plaster</u>				
23	On internal walls	m2	13		
Carried to Collection				R	
Section No. 3					
Bill No. 4					
Plumbing and Drainage					

SUNDRIES (CPAP WORK GROUP NO. 146)Testing

24 Testing soil drainage system

Item

Municipal connection

25 Provide the sum of R60 000 (Sixty Thousand Rand) for municipal connection

Item

WATER SUPPLIESHDPE pipes with solvent welded joints

26 75mm Pipes laid in and including trenches not exceeding 1m deep

m

775

27 110mm Pipes laid in and including trenches not exceeding 1m deep

m

1 144

Extra over HDPE pipes for fittings with solvent welded joints

28 75mm Bend

No

10

29 75mm Tee

No

1

30 110mm Bend

No

5

Extra over Class 10 HDPE type IV pipes for fittings

31 50mm Fittings

No

10

Carried to Collection

R

Section No. 3
 Bill No. 4
 Plumbing and Drainage

32	25mm Fittings	No	10
33	25 x 50mm Reducer	No	10
<u>TAPS, VALVES, ETC</u>			
34	25mm Brass non-return valve	No	8
35	50mm Brass fullway gate valve	No	5
<u>Municipal connection</u>			
36	Provide the sum of R50 000 (Fifty Thousand Rand) for municipal connection		Item
<u>Testing.</u>			
37	Testing water supply system		Item

Section No. 3

Bill No. 4

Plumbing and Drainage

Carried to Collection

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Section No. 3

Bill No. 4

Plumbing and Drainange

COLLECTION

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Section No. 3
Bill No. 4
Plumbing and Drainange

R

Carried to Final Summary

Item No		Quantity	Rate	Amount
	<u>PROVISIONAL AMOUNTS</u>			
	<u>ELECTRICAL CONNECTION</u>			
1	Provide the sum of R 800 000.00 (Eight Hundred Thousand Rand) for cable reticulation and Eskom supply.	Item		800 000.00
2	Allow for profit on last if required.	Item		
3	Allow for general attendance and making good in all trades on the Electrical Installation.	Item		
	<u>HIGH RISE TANK</u>			
4	Provide the sum of R 1 200 000 (One million, two hundred thousand) for high rise tank installation complete.	Item		1 200 000.00
5	Allow for profit on last if required.	Item		
6	Allow for general attendance and making good in all trades on the Electrical Installation.	Item		
	<u>JOINERY AND FURNITURE</u>			
7	Provide the sum of R1000 000.00 (One million Rands) for supply and installation of joinery and furniture.	Item		1 000 000.00
8	Allow for profit.	Item		
9	Allow for attendance.	Item		
	<u>COMMUNITY LIAISON OFFICER</u>			
10	Allow the sum of R 80,000.00 (Eighty Thousand Rand) for the placement of a Community Liaison Officer to be employed by the Main Contractor for duration of Contract.	Item		80 000.00
11	Allow for attendance.	Item		
	Carried to Final Summary		R	
	Section No. 4			
	Bill No. 1			
	Provisional Sums			

Section No		Page No	Amount	
<u>FINAL SUMMARY</u>				
1	PRELIMINARIES	46		
2	BUILDING WORKS	70		
3	EXTERNAL WORKS	98		
4	PROVISIONAL SUMS	99		
SUBTOTAL			R	
<u>CONTIGENCIES</u>				
Allow a contingency amount of R900 000-00 (Fifty thousand) to be used as directed by the Project Manager.		Item		
Sub Total			R	
Add Value Added Tax at the rate of 15%			R	
Carried to Form of Offer and Acceptance			R	

Part 6: Site Information

C4 Site Information

**C4: SITE INFORMATION - JBCC 2000 PRINCIPAL BUILDING
AGREEMENT (Edition 4.1 of March 2005)**

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

C4 Site Information – Existing operational education facilities

GPS CO-ORDINATES	
GIS_Longitude	GIS_Latitude
-33.282633	26.552287

1. GROUND CONDITIONS

Geotech information not available. This is an existing site.

2. UNDERGROUND SERVICES

There are unidentifiable underground services traversing the area of works, care would need to be taken during excavations.

3. ADJACENT BUILDINGS

No adjacent buildings could be affected by the construction. No particular precautions have been identified by the Engineer for the protection of this structure.

4. ENVIRONMENTAL ISSUES

None

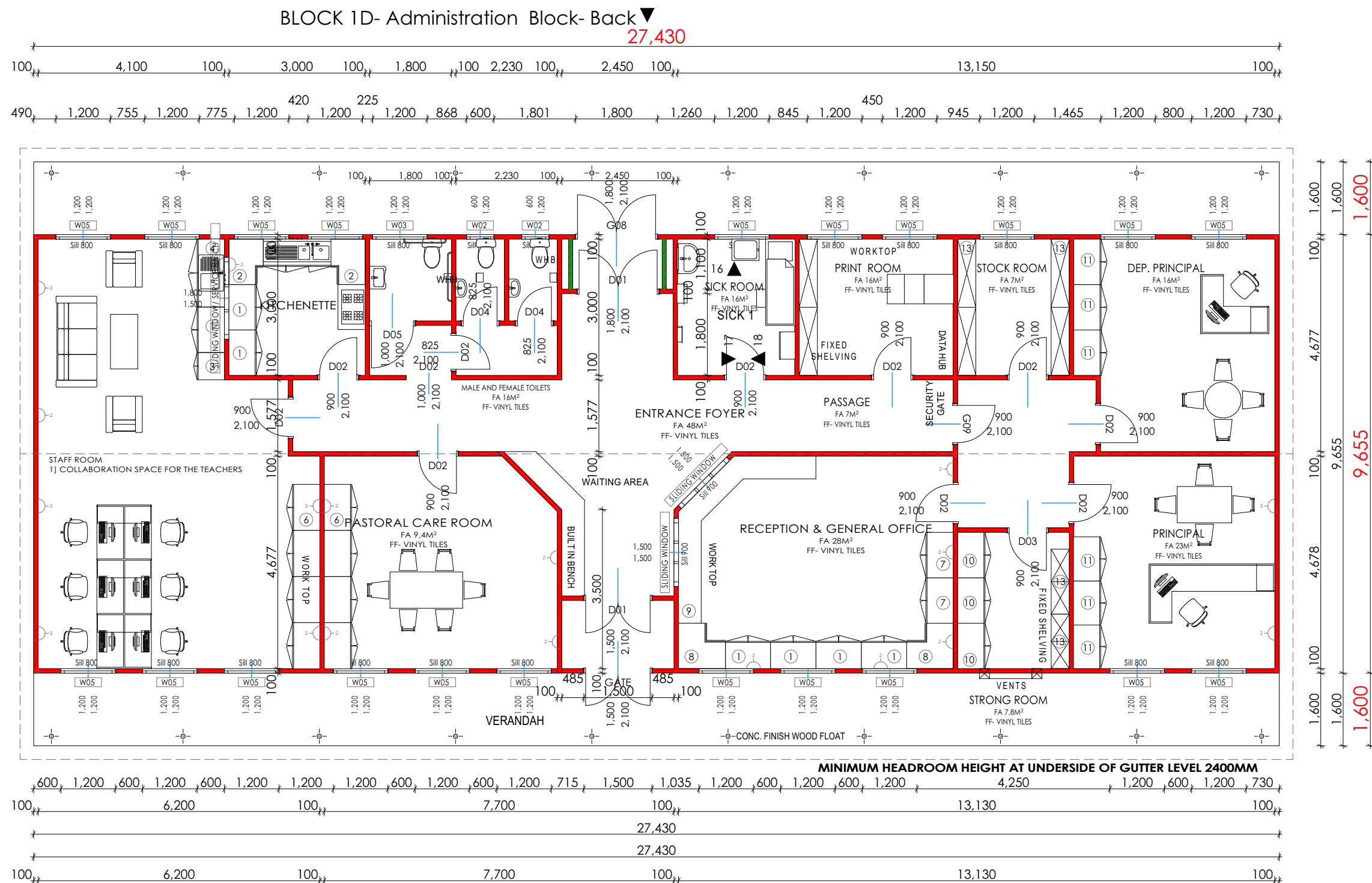
C5 Drawings

C5.1: DRAWINGS

Project title:	APPOINTMENT OF A COMPLETION CONTRACTOR FOR AMASANGO CAREER SCHOOL
Bid No:	SCMU6-25/26-0004

Drawing tile	Drawing number	Print date	Rev No.
Block 1 – Administration	A.03.6.1		
Block 2 – 2 Classrooms (Junior Phase)	A.03.6.2		
Block 3 – 5 Classrooms (Relocated Structures)	A.03.6.3		
Block 4- Art and Craft + Kiln Block Classrooms (Brick Kiln)	A.03.6.4		
Block 5 - Nutrition Block	A.03.6.5		
Block 6 – Ablutions	A.03.6.6		
Block 7 - 2 Classrooms + HOD Office + Ablutions	A.03.6.7		
Block 8 - Sewing and Beauty Workshop	A.03.6.8		
Block 9 - Computer Lab + Resource Center	A.03.6.9		
Block 10 – Relocated Salon Container	A.03.6.10		
Site Development Plan - ACS- Site Development Plan - REV 6- 06.03.2024	A.06.6		
Amasango CS - Raft Slab Layout - 01 Rev 3			
EI 093-Ama-Cs-100-2- Bulk Earthworks - 13 March 2024			
EI 093-Ama-Cs-101-2 - Sewer and Water Layout- 14mar 2024			
EL 093-AMA-CS-104 - Building Co-Ordinates - 13 March 2024			
EI 093-AMA-Cs-111-0 - Sewer Longsections			

BLOCK 1D- Administration Block-Side Elevation II ▼



BLOCK 1
ADMINISTRATION BLOCK
AREA 350M²

COMMENTS FROM INCLUSIVE EDUCATION
STAFF ROOM
1) COLLABORATION SPACE FOR THE TEACHER
PRINTING ROOM
2) LIBRARY SHELVES AT PRINTING ROOM

▲ BLOCK 1D- Administration Block- Front Elevation

ORGANISATION/ DEPARTMENT

Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.
P9007777-DOE- SD/ A.03.6.1.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

ADMINISTRATION BLOCK - FLOOR LAYOUT

DATE (Print Date)	2/7/2025
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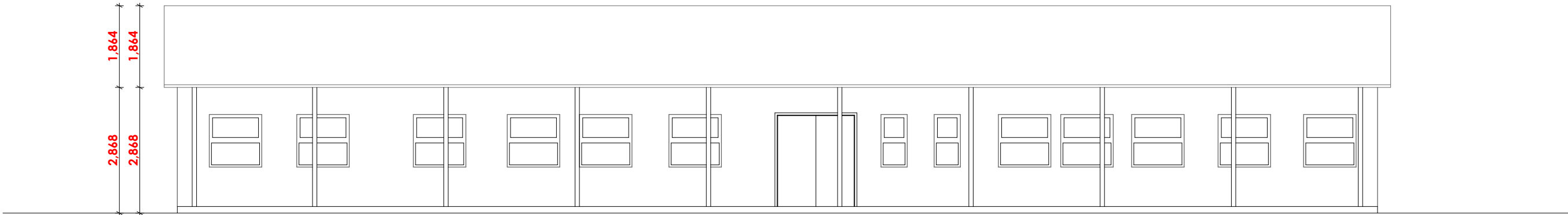
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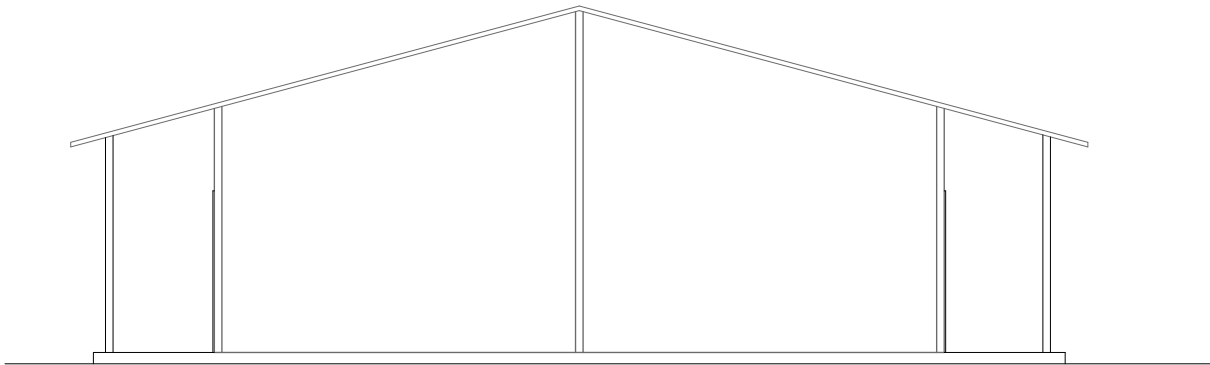
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BLOCK 1D- Administration Block- Back

Elevation 1

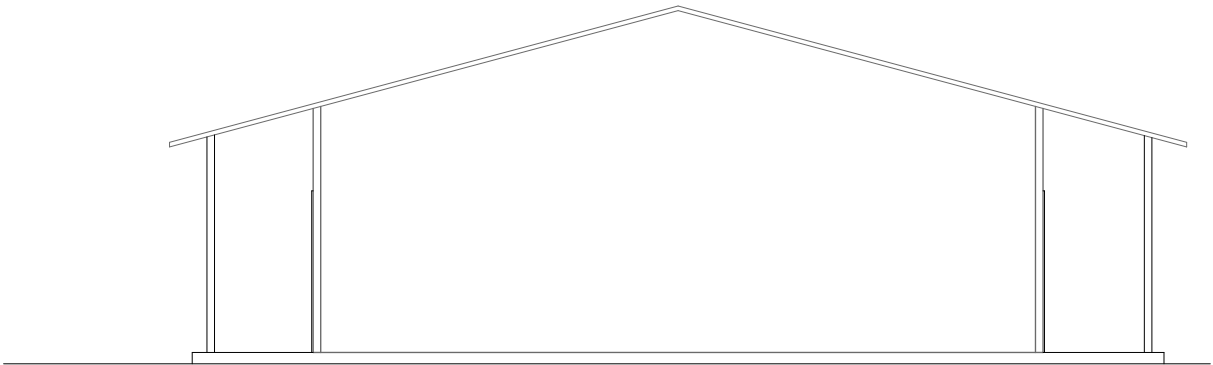
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BLOCK 1D- Administration Block - Side Elevation I

Elevation 2

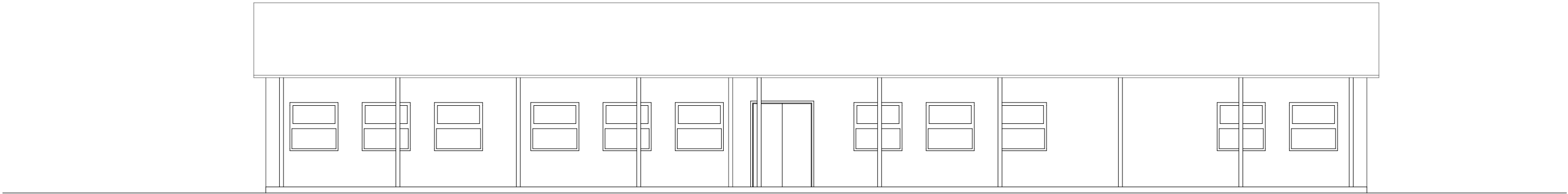
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BLOCK 1D- Administration Block-Side Elevation II

Elevation 4

1:100



BLOCK 1D- Administration Block- Front Elevation

Elevation 3

1:100

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.
P9007777-DOE- SD/ A.03.6.1.2-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE
ADMINISTRATION BLOCK- ELEVATIONS

DATE (Print Date)
2/7/2025

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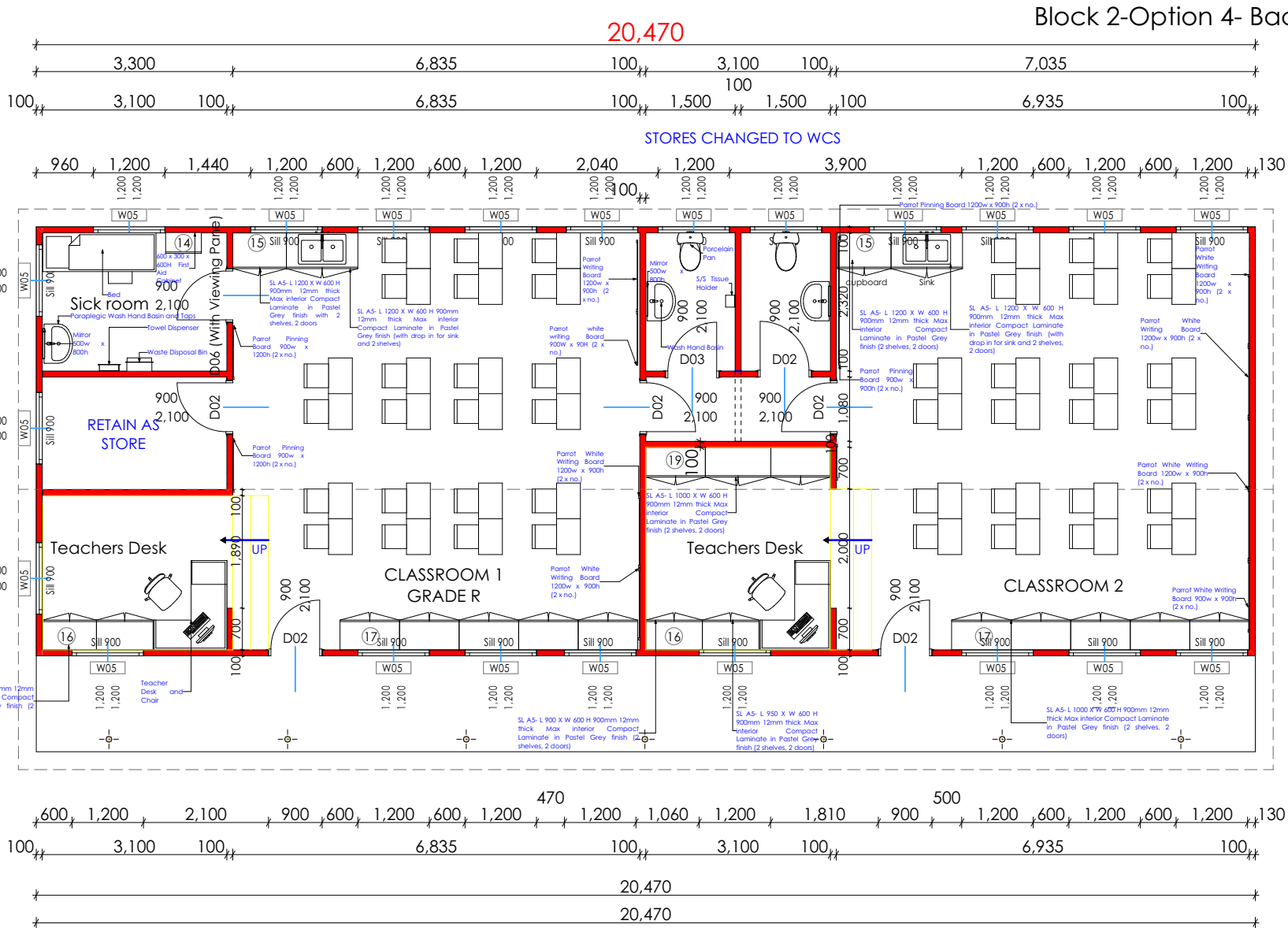
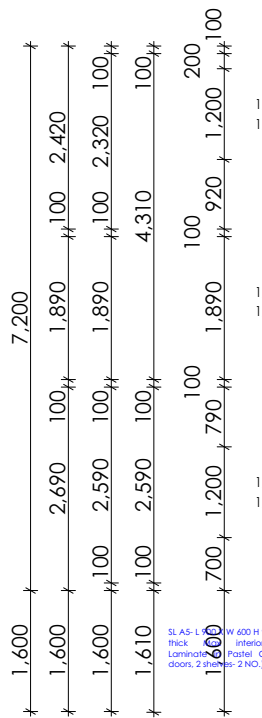
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ECDOE- P6-102

REV.NO

Block 2-Option 4- Side Elevation II ▼



BLOCK 2
2 NEW CLASSROOM BLOCK WITH STORAGE
Area 180m²

▲ Block 2-Option 4- Side Elevation I

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.2.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

2 CLASSROOM BLOCK- JUNIOR PHASE- FLOOR PLAN

DATE (Print Date)

2/7/2025

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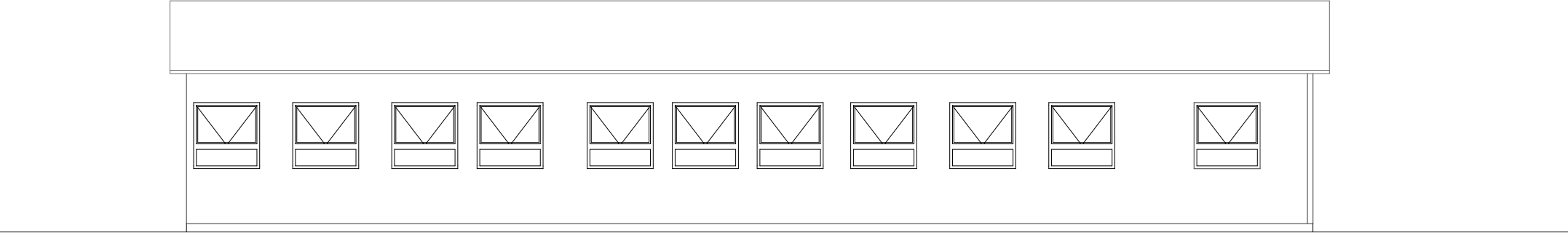
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ECDOE- P6-103

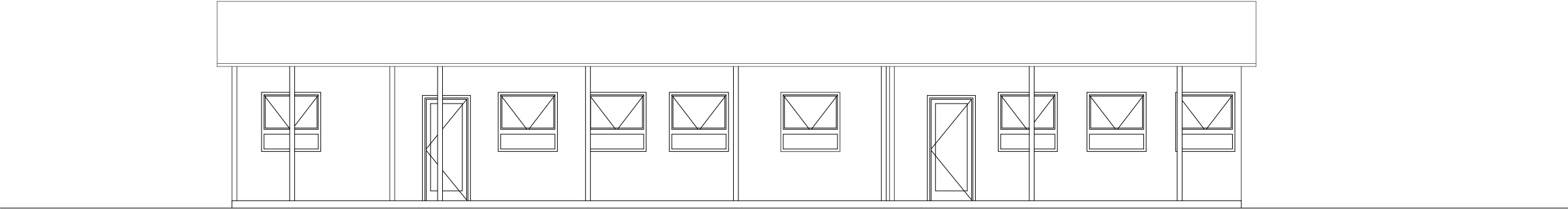
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Block 2-Option 4- Back Elevation3

Elevation

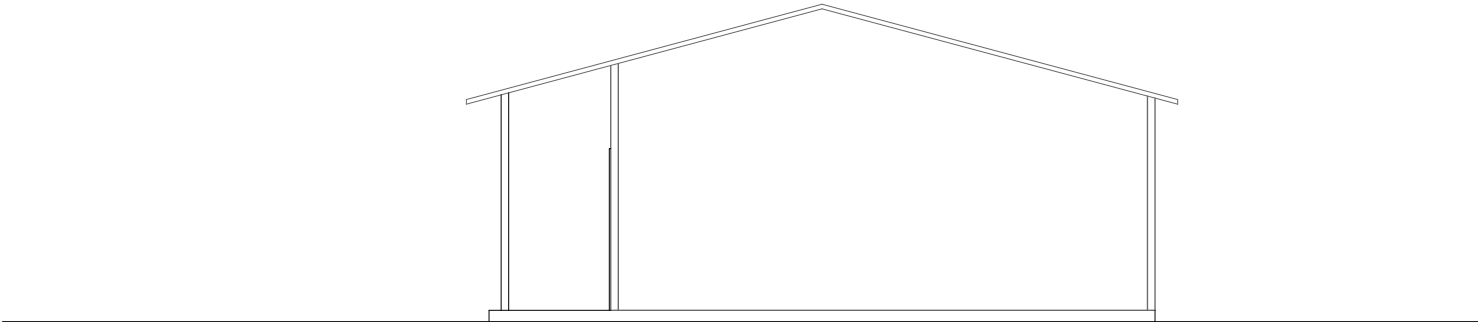
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Block 2-Option 4- Front Elevation3

Elevation

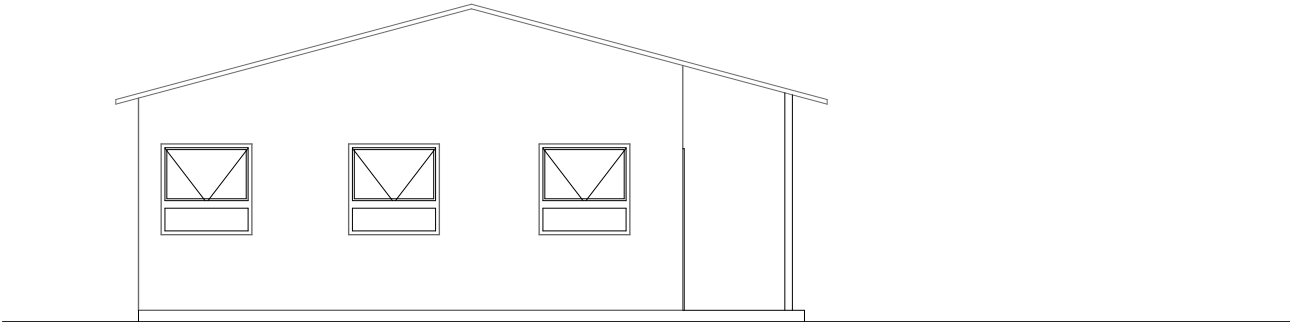
1:100



Block 2-Option 4- Side Elevation I

Elevation

1:100



Block 2-Option 4- Side Elevation II

Elevation

1:100

<div>ORGANISATION/ DEPARTMENT</div> <div><div>Province of the EASTERN CAPE EDUCATION</div><div>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</div></div>	<div>SCHOOL NAME</div> <div>AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI</div> <div>ERF NO. 11665</div> <div>MUNICIPAL AUTHORITY RINI</div>	<div>PROJECT TITLE</div> <div>GRAHAMSTOWN AMASANGO CAREER SCHOOL CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL</div>			<div>DRAWING INFORMATION</div> <div>DRAWING TITLE</div> <div>2 CLASSROOM BLOCK- JUNIOR PHASE- ELEVATIONS</div>			
		<div>PROJECT FILE NO.</div> <div>P9007777-DOE- SD/ A.03.6.2.2-SCMU6-22/23-0006</div>			<div>DATE <small>(Print Date)</small></div> <div>2/7/2025</div>	<div>DRAWN</div> <div>Rbam</div>	<div>CHECKED</div> <div>Rbam</div>	<div>SCALE</div> <div>As Shown</div>
		<div>CAPITAL</div>		<div>MAINTENANCE</div>		<div>DRAWING NO.</div> <div>ECDOE- P6-104</div>		<div>REV.NO</div>



BLOCK 3

5 RELOCATED SINGULAR UNIT CLASSROOMS

COMMENTS FORM INCLUSIVE EDUCATION

▲ Block 3- Front Elevation

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.3.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

5 X CLASSROOMS- RELOCATED-FLOOR PLAN

DATE (Print Date)
2/7/2025

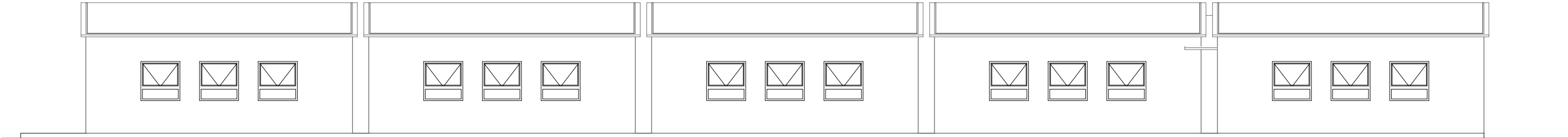
DRAWN
Rbam

CHECKED
Rbam

SCALE
As Shown

DRAWING NO.
ECDOE- P6-105

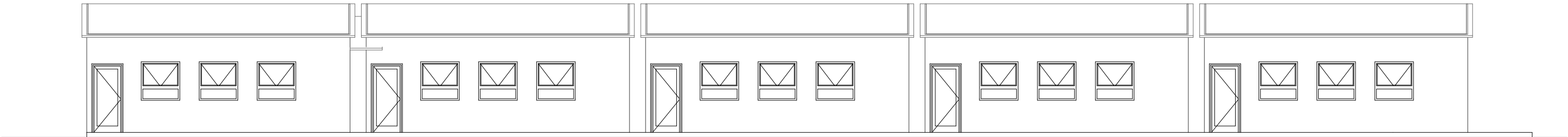
REV.NO



Block 3- Back Elevation

Elevation

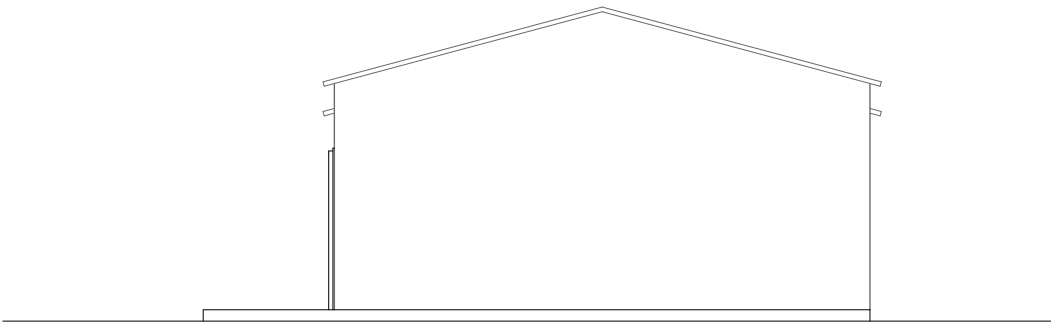
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Block 3- Front Elevation

Elevation

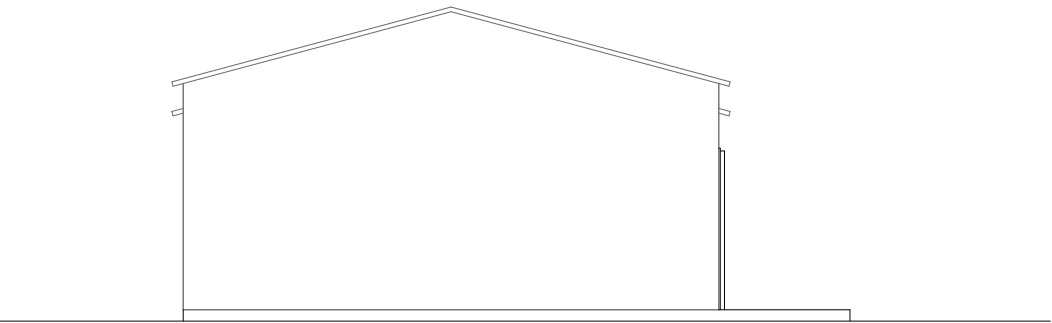
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Block 3- Side Elevation I

Elevation


1:100




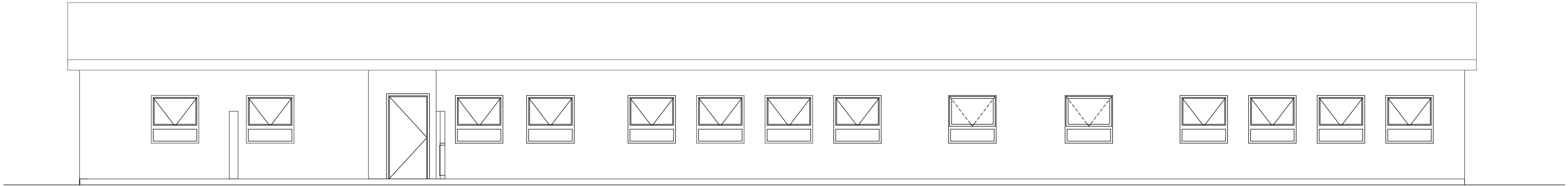
Block 3- Side Elevation II

Elevation

1:100

<div>ORGANISATION/ DEPARTMENT</div> <div><div>Province of the EASTERN CAPE EDUCATION</div><div>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</div></div>	<div>SCHOOL NAME</div> <div>AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI</div> <div>ERF NO. 11665</div> <div>MUNICIPAL AUTHORITY RINI</div>	<div>PROJECT TITLE</div> <div>GRAHAMSTOWN AMASANGO CAREER SCHOOL</div> <div>CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL</div>			<div>DRAWING INFORMATION</div> <div>DRAWING TITLE</div> <div>5 X CLASSROOMS- RELOCATED- ELEVATIONS</div>			
		<div>PROJECT FILE NO.</div> <div>P9007777-DOE- SD/ A.03.6.3.2-SCMU6-22/23-0006</div>			<div>DATE <small>(Print Date)</small></div> <div>2/7/2025</div>	<div>DRAWN</div> <div>Rbam</div>	<div>CHECKED</div> <div>Rbam</div>	<div>SCALE</div> <div>As Shown</div>
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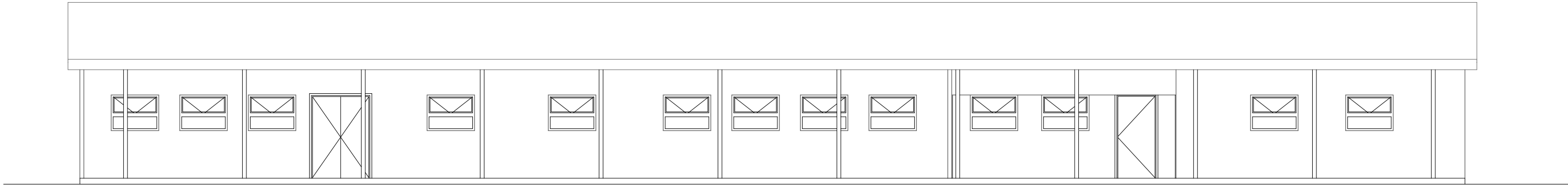
<div><div>Province of the EASTERN CAPE EDUCATION</div></div> <div>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</div>	ORGANISATION/ DEPARTMENT	SCHOOL NAME	PROJECT TITLE			DRAWING INFORMATION			
		AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI	GRAHAMSTOWN AMASANGO CAREER SCHOOL CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL			DRAWING TITLE Art and Craft + Kiln Block Classrooms (Brick Kiln)- Floor Plan			
		ERF NO. 11665 MUNICIPAL AUTHORITY RINI	PROJECT FILE NO. P9007777-DOE- SD/ A.03.6.4.1-	SCMU6-22/23-0006		DATE (Print Date) 2/7/2025	DRAWN Rbam	CHECKED Rbam	SCALE As Shown
		CAPITAL		MAINTENANCE		DRAWING NO. ECDOE- P6-107			REV.NO 3



BLOCK 4-OPTION 4- BACK ELEVATION

Elevation

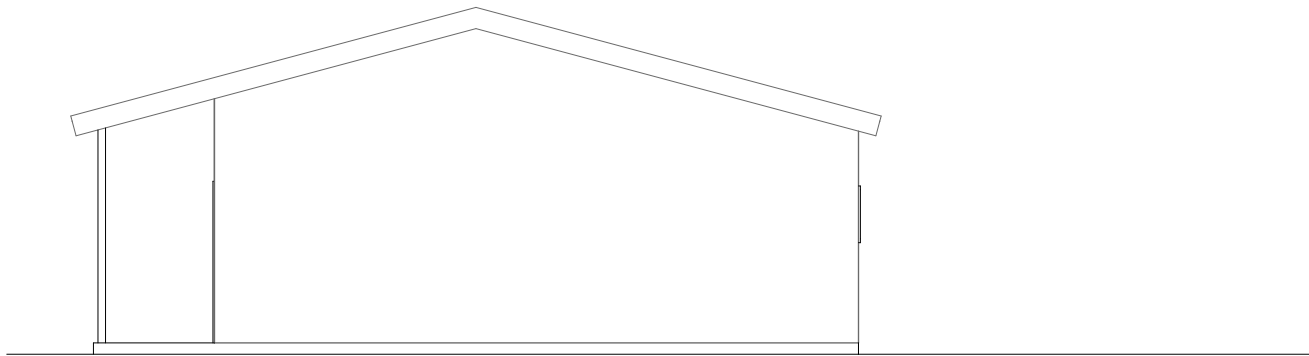
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BLOCK 4-OPTION 4- FRONT ELEVATION

Elevation

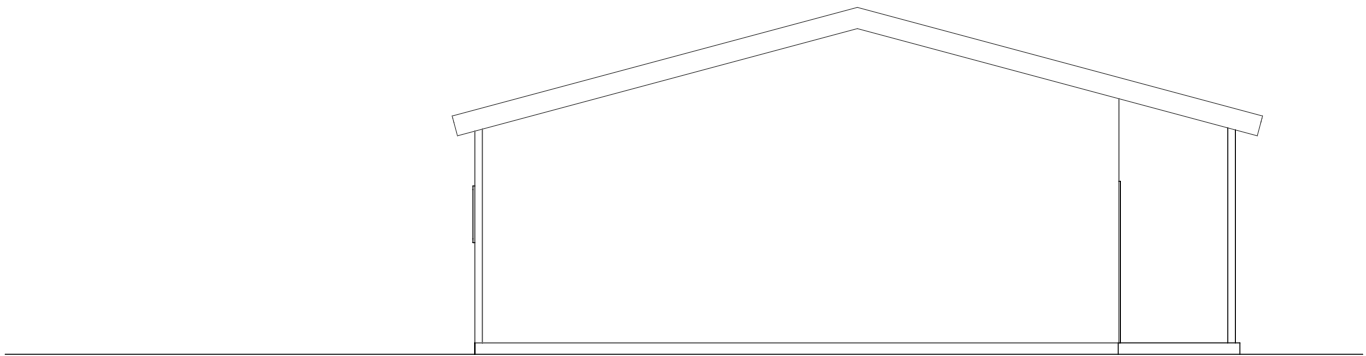
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BLOCK 4-OPTION 4- SIDE ELEVATION I

Elevation


1:100



BLOCK 4- OPTION 4-SIDE ELEVATION II

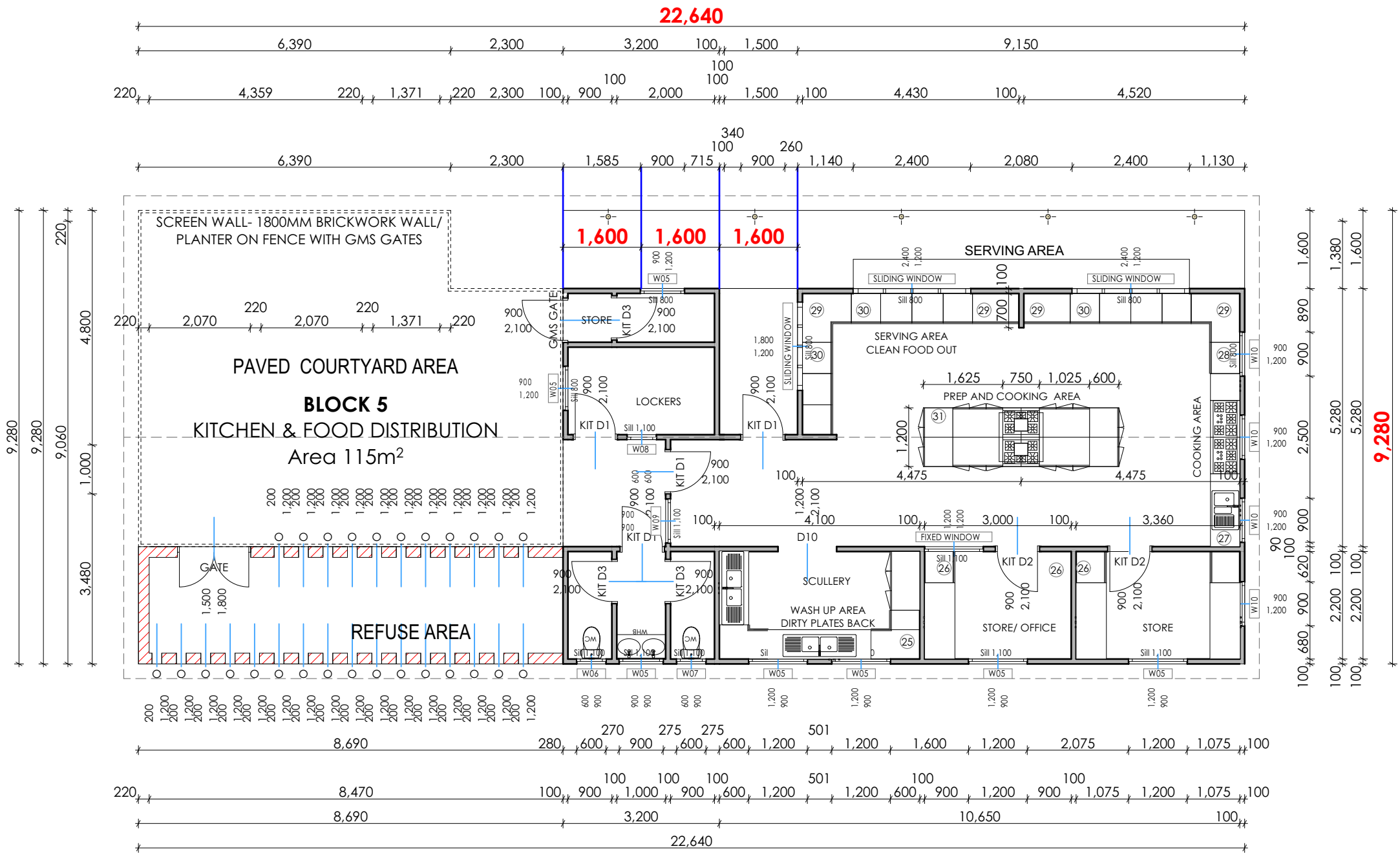
Elevation

1:100

<div>ORGANISATION/ DEPARTMENT</div> <div><div>Province of the EASTERN CAPE EDUCATION</div></div> <div>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</div>	<div>SCHOOL NAME</div> <div>AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI</div> <div>ERF NO. 11665</div> <div>MUNICIPAL AUTHORITY RINI</div>	<div>PROJECT TITLE</div> <div>GRAHAMSTOWN AMASANGO CAREER SCHOOL CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL</div>		<div>DRAWING INFORMATION</div> <div>DRAWING TITLE</div> <div>Art and Craft + Kiln Block Classrooms (Brick Kiln)- Elevations</div>			
		<div>PROJECT FILE NO.</div> <div>P9007777-DOE- SD/ A.03.6.4.2-<div>SCMU6-22/23-0006</div></div>		<div>DATE <small>(Print Date)</small></div> <div>2/7/2025</div>	<div>DRAWN</div> <div>Rbam</div>	<div>CHECKED</div> <div>Rbam</div>	<div>SCALE</div> <div>As Shown</div>
		<div>CAPITAL</div>		<div>MAINTENANCE</div>		<div>DRAWING NO.</div> <div>ECDOE- P6-108</div>	

BLOCK 5 - Nutrition Block - Option 4- Elevation 1

BLOCK 5 -Nutrition Block - Option 4 - Elevation 4



BLOCK 5 - Nutrition Block - Option 4 - Elevation 3

BLOCK 5 -Nutrition Block - Option 4 -Elevation 2

0.

NUTRITION BLOCK

1:100

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.5.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE
NUTRITION BLOCK- FLOOR LAYOUTS

DATE (Print Date)
2/7/2025

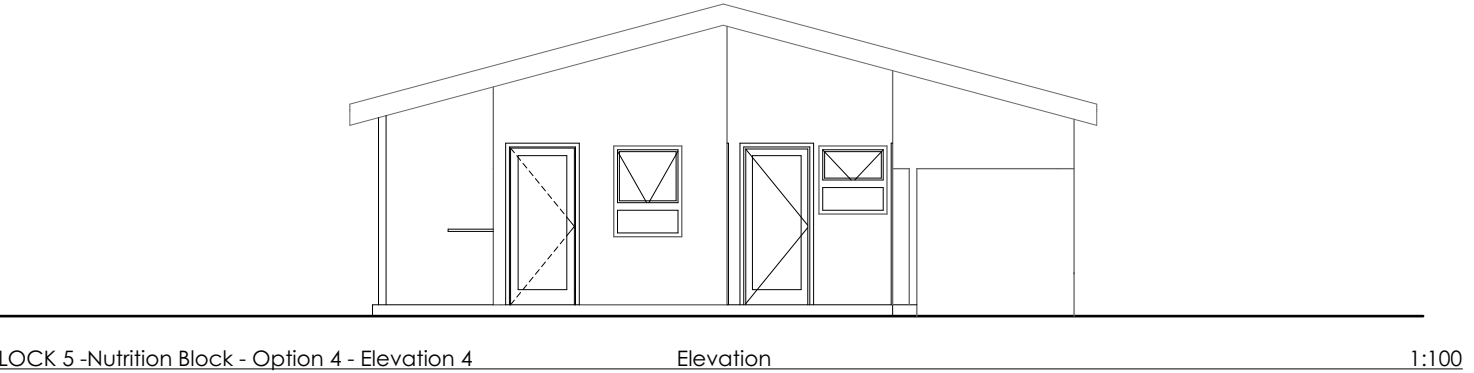
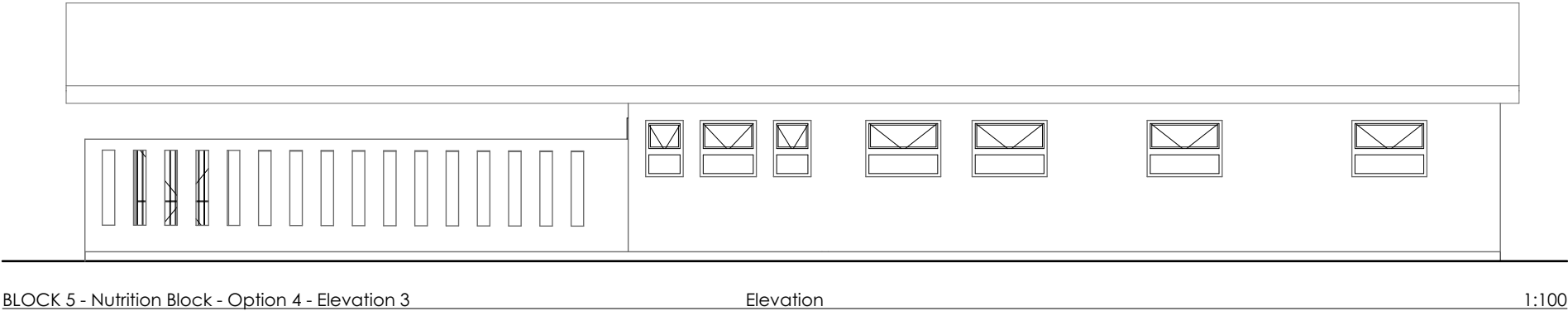
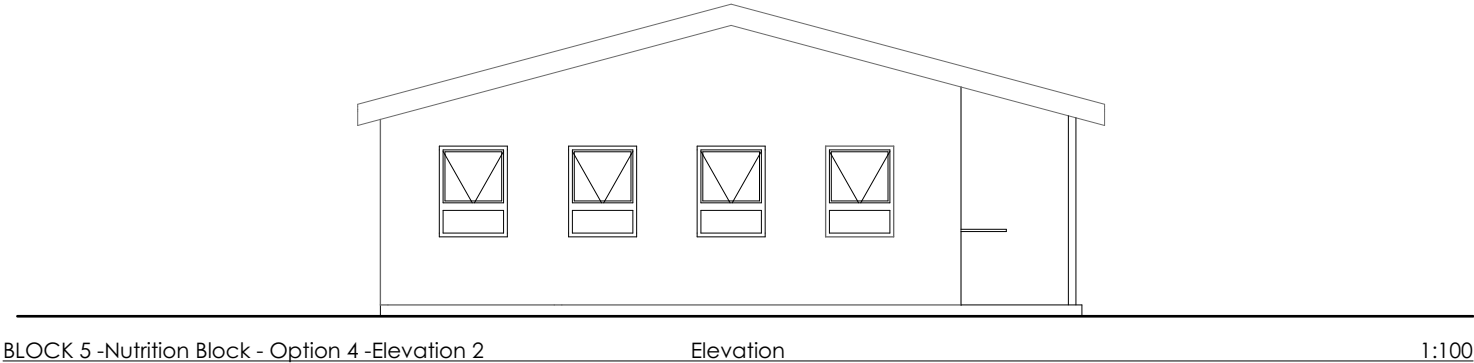
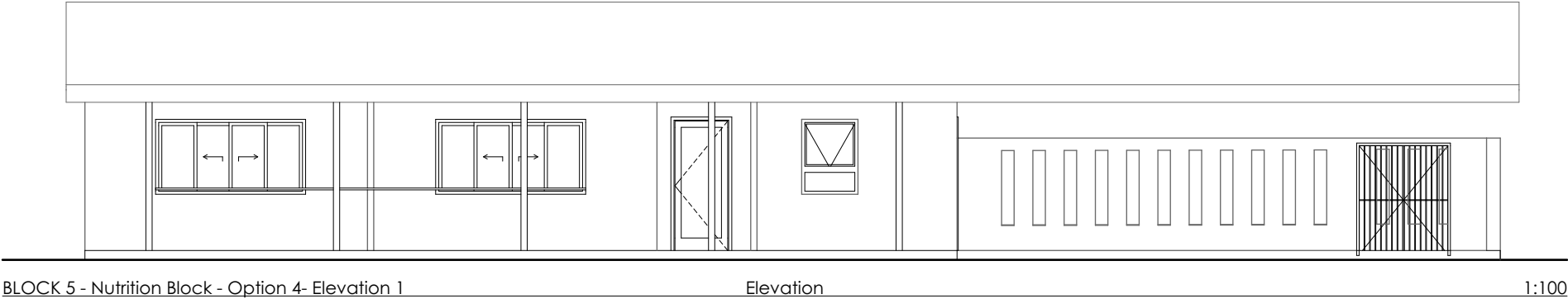
DRAWN
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CHECKED
Rbam

SCALE
As Shown

DRAWING NO.
ECDOE- P6-111

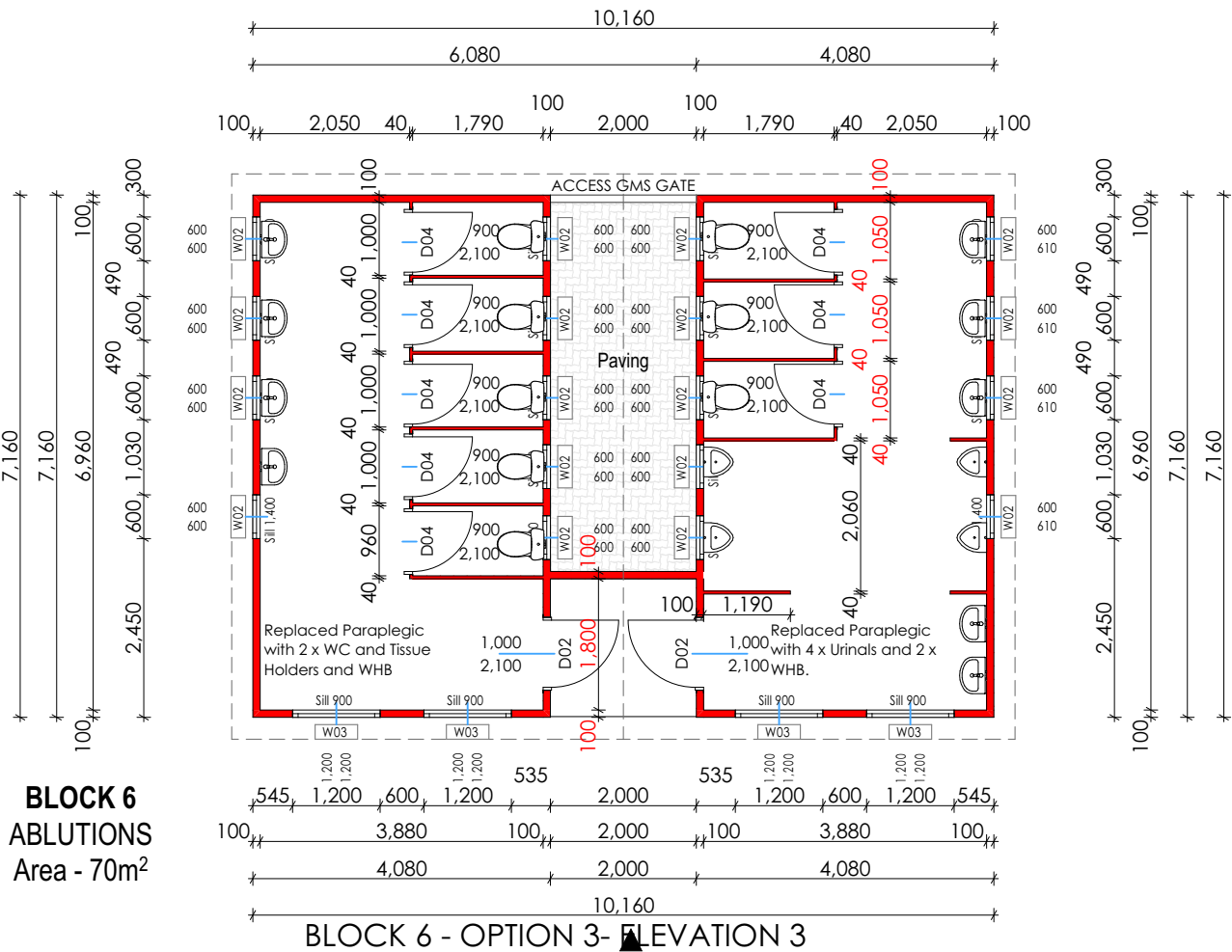
REV.NO



<div>ORGANISATION/ DEPARTMENT</div> <div><div>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</div></div>	<div>SCHOOL NAME</div> <div>AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI</div>	<div>PROJECT TITLE</div> <div>GRAHAMSTOWN AMASANGO CAREER SCHOOL CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL</div>		<div>DRAWING INFORMATION</div> <div>DRAWING TITLE NUTRITION BLOCK- ELEVATIONS</div>			
	<div>ERF NO. 11665</div> <div>MUNICIPAL AUTHORITY RINI</div>	<div>PROJECT FILE NO.</div> <div>P9007777-DOE- SD/ A.03.6.5.2-SCMU6-22/23-0006</div>		<div>DATE <small>(Print Date)</small></div> <div>2/7/2025</div>	<div>DRAWN</div> <div>Rbam</div>	<div>CHECKED</div> <div>Rbam</div>	<div>SCALE</div> <div>As Shown</div>
		<div>CAPITAL</div>		<div>MAINTENANCE</div>	<div>DRAWING NO.</div> <div>ECDOE- P6-112</div>		

BLOCK 6 -OPTION 3- ELEVATION 1 ▼

BLOCK 6 ▼OPTION 3- ELEVATION 4



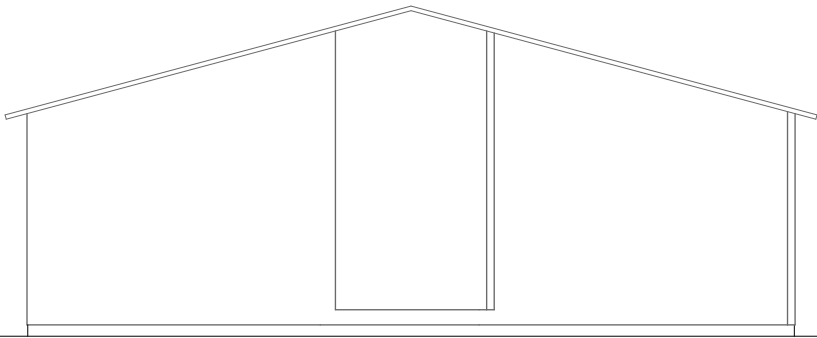
BLOCK 6
ABLUTIONS
Area - 70m²

BLOCK 6 - OPTION 3- ELEVATION 3

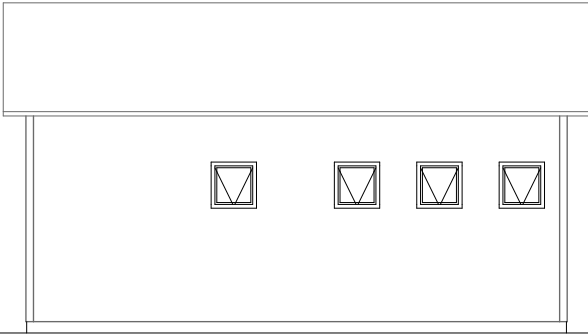
COMMENTS FROM INCLUSIVE EDUCATION

TOILET PANS VS URINALS.
PROVIDE URINALS FOR THE BOYS ABLUTIONS
A DISABLED TOILET CAN BE PROVIDED IN THE ADMIN/ ANOTHER LOCATION
IF THERE IS A CHILD IN A WHEELCHAIR THEY CAN UTIISE THE ABLUTION IN THE ADMIN (AT MOST 2 DISABLED)
OMIT DISABLED TOILET AND USE AS URINALS SPACE, ADD TWO CUBICLES TO THE FEMALE ABLUTIONS

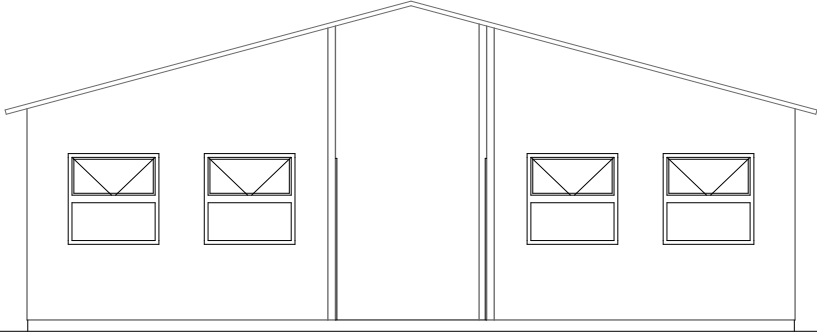
▲ BLOCK 6 -OPTION 3- ELEVATION 2



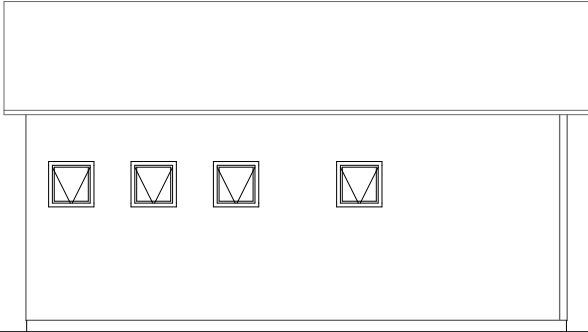
BLOCK 6 -OPTION 3- ELEVATION 1 Elevation 1:100



BLOCK 6 -OPTION 3- ELEVATION 2 Elevation 1:100



BLOCK 6 - OPTION 3- ELEVATION 3 Elevation 1:100



BLOCK 6 -OPTION 3- ELEVATION 4 Elevation 1:100

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.6.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

ABLUTIONS - FLOOR PLAN

DATE (Print Date)
2/7/2025

DRAWN
Rbam

CHECKED
Rbam

SCALE
As Shown

DRAWING NO.
ECDOE- P6-113

REV.NO

▼ BLOCK 7 - OPTION 3- ELEVATION 4



BLOCK 7
2 NEW CLASSROOM BLOCK WITH STORAGE AND HOD and ABLUTIONS
Area 280m²

INCLUSIVE EDUCATION COMMENTS
RETAIN DISABLED TOILETS FOR BOYS AND GIRLS
CHANGE LEARNER SITTING TO FACE THE OPPOSITE WAY
RETAIN HOD OFFICE

▲ BLOCK 7 -OPTION 3- ELEVATION 3

▲ BLOCK 7 -OPTION 3- ELEVATION 2

ORGANISATION/ DEPARTMENT



SCHOOL NAME

AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.7.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

2 Classrooms + HOD Office + Ablutions- Floor Plan

DATE (Print Date)
2/7/2025

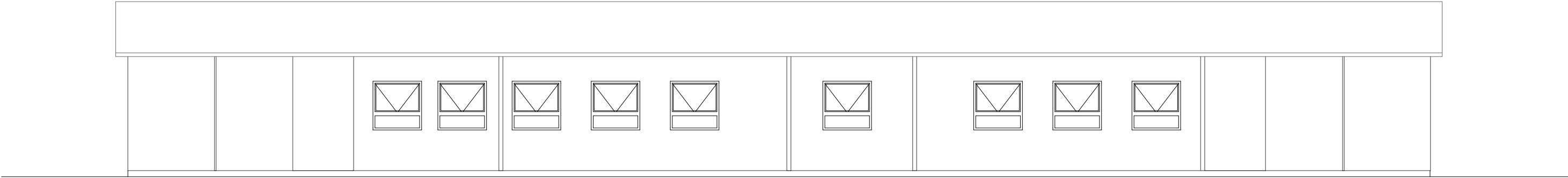
DRAWN
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CHECKED
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SCALE
As Shown

DRAWING NO.
ECDOE- P6-114

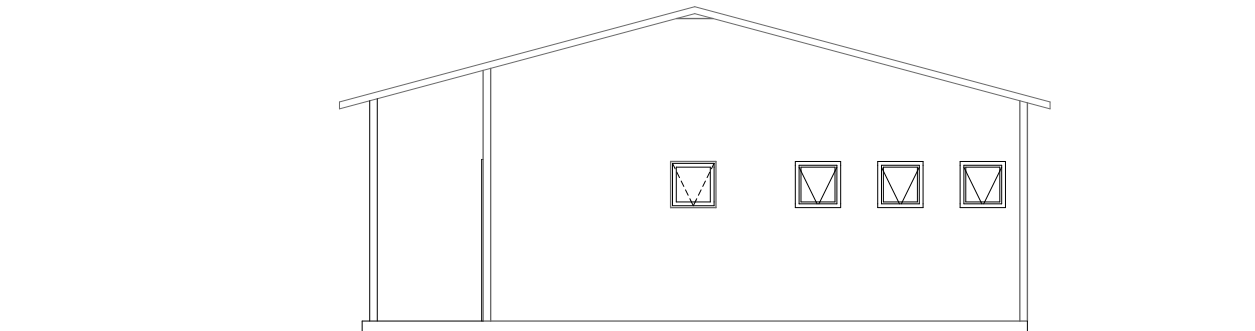
REV.NO



BLOCK 7 -OPTION 3- ELEVATION 1

Elevation

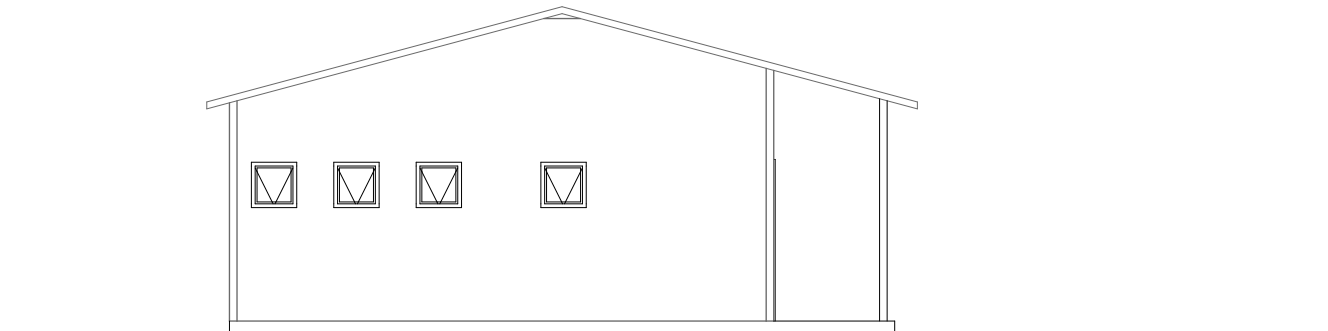
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BLOCK 7 -OPTION 3- ELEVATION 2

Elevation

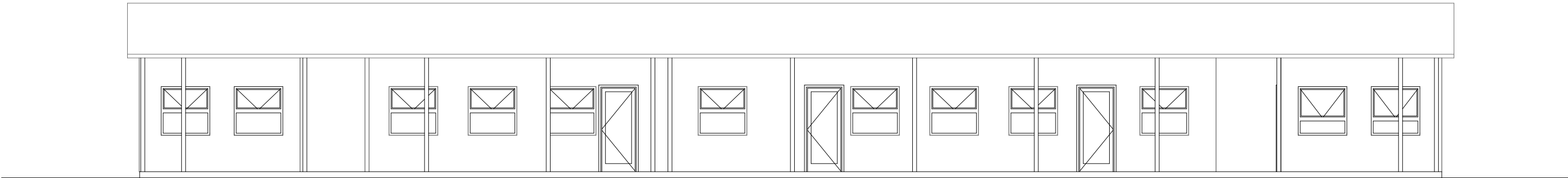
1:100



BLOCK 7 - OPTION 3- ELEVATION 4

Elevation

1:100



BLOCK 7 -OPTION 3- ELEVATION 3

Elevation

1:100

ORGANISATION/ DEPARTMENT


Province of the
EASTERN CAPE
EDUCATION
Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

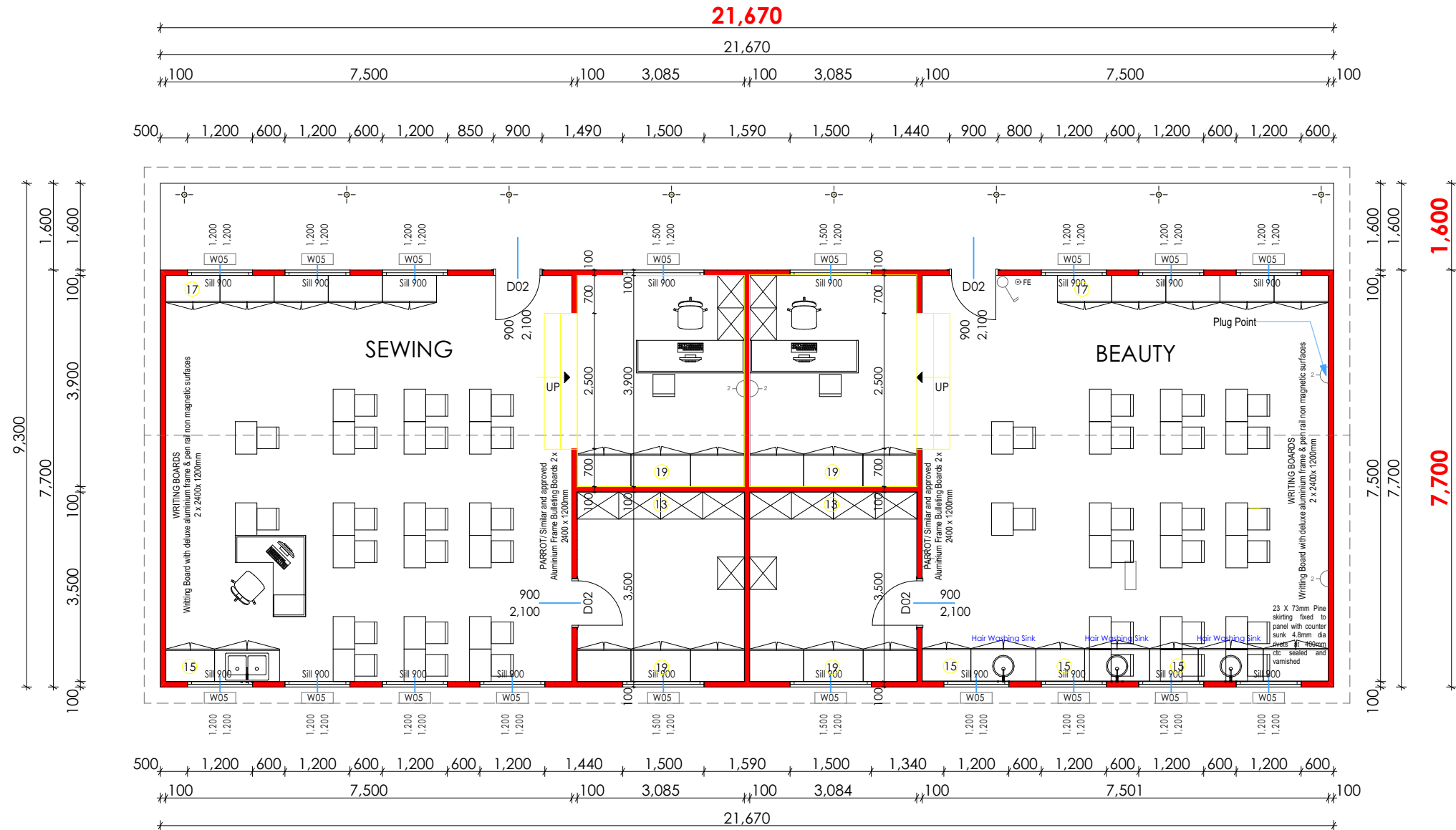
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CAPITAL		MAINTENANCE	

DRAWING INFORMATION

DRAWING TITLE
2 Classrooms + HOD Office + Ablutions- Elevation

DATE (Print Date) 2/7/2025	DRAWN Rbam	CHECKED Rbam	SCALE As Shown
DRAWING NO. ECDOE- P6-115			REV.NO

BLOCK 8- OPTION 3- ELEVATION



BLOCK 8
BEAUTY SALON + SEWING , NEEDLEWORK, BEAD WORK BLOCK
Area including veranda 200m²

COMMENTS FROM INCLUSIVE EDUCATION
1) ADD MORE WASH HAND BASINS X 3
2) JOINERY COUNTER FO CUTTING HAIR ETC
3) IDEALLY AN ELEVATED TEACHER SITTING AREA STEPS-400MM HIGHER IN ALL THE WORKSHOPS WHERE THE TEACHER CAN OBSERVE LEARNERS FROM THE BACK

▲ BLOCK 8-OPTION 3- ELEVATION 1

▲ BLOCK 8- OPTION 3- ELEVATION 4

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.8.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

Sewing and Beauty Workshop- Floor Plan

DATE (Print Date)
2/7/2025

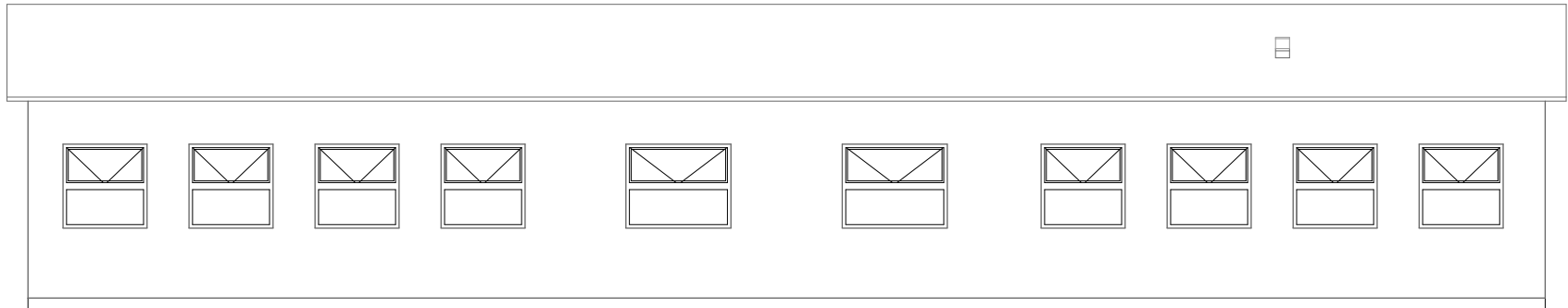
DRAWN
Rbam

CHECKED
Rbam

SCALE
As Shown

DRAWING NO.
ECDOE- P6-116

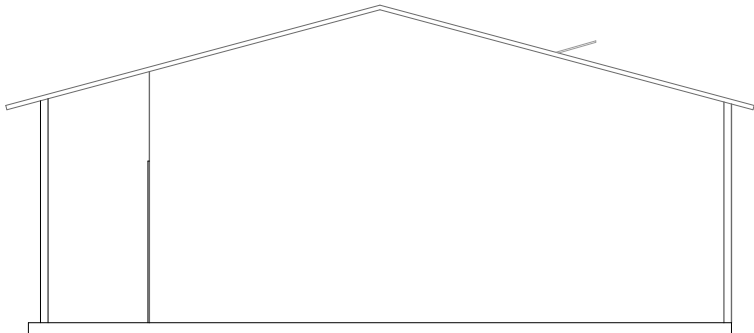
REV.NO



BLOCK 8-OPTION 3- ELEVATION 1

Elevation

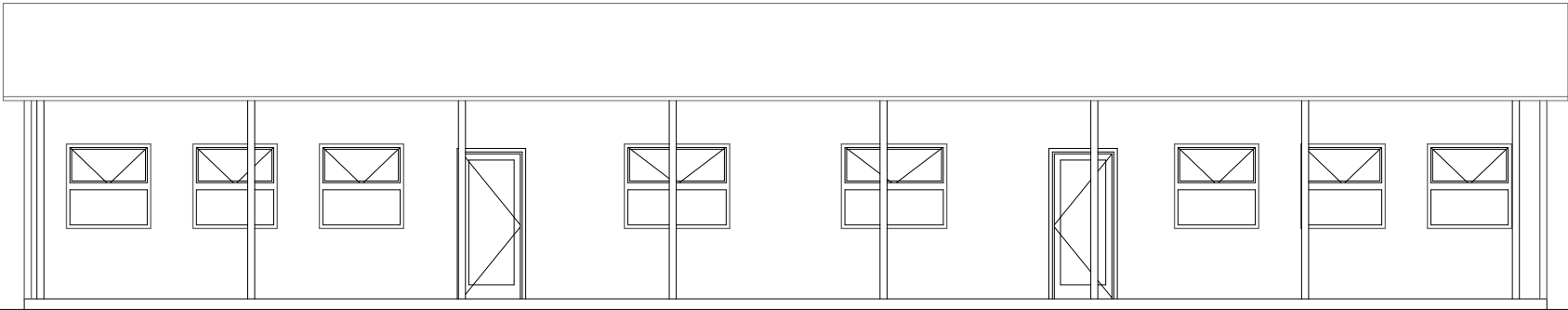
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BLOCK 8- OPTION 3- ELEVATION 2

Elevation

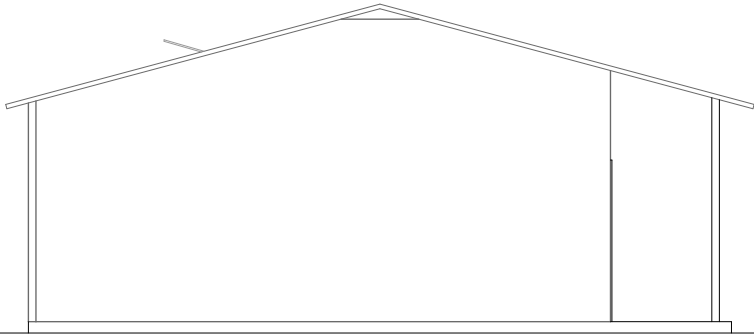
1:100



BLOCK 8-OPTION 3- ELEVATION 3

Elevation

1:100




BLOCK 8- OPTION 3- ELEVATION 4

Elevation

1:100

ORGANISATION/ DEPARTMENT

 Province of the
EASTERN CAPE
EDUCATION
Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

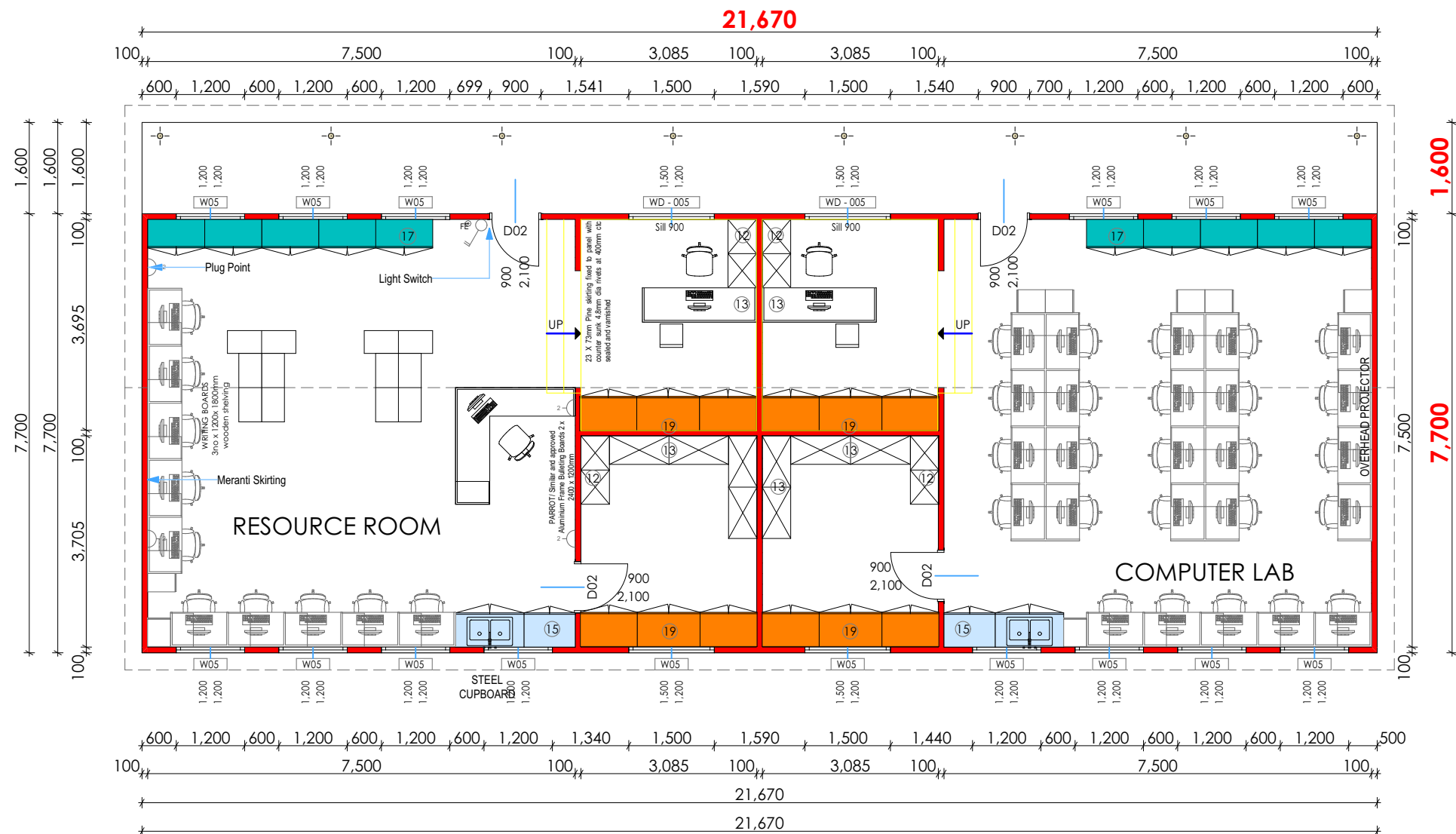
PROJECT FILE NO. P9007777-DOE- SD/ A.03.6.8.2-			SCMU6-22/23-0006		
CAPITAL			MAINTENANCE		

DRAWING INFORMATION

DRAWING TITLE
Sewing and Beauty Workshop- Elevations

DATE (Print Date) 2/7/2025	DRAWN Rbam	CHECKED Rbam	SCALE As Shown
DRAWING NO. ECDOE- P6-117			REV.NO

BLOCK 9-OPTION 4-ELEVATION 4



BLOCK 9-OPTION 4-ELEVATION 2

BLOCK 9
LIBRARY & COMPUTER LAB
Area 200m²
including veranda

COMMENTS FROM INCLUSIVE EDUCATION

LEARNERS ARE SEVERLEY MENTALLY DISABLED RATHER A ROOM WITH STRONG ENOUGH WIFI DATA
IN FUTURE THEY WILL NEED ASSISTED DEVICES STATIONS
LITLLE CUBCILES WITH COMPUTRE WITH SELF PACED READING AND LEARNING (E LEARNING)
MOVABLE SHELVE FOR BOOKS
LIBRARY FOR RESEARCH AND PREP
IN THE STAFF ROOM CREATE A TABLE AREA FOR PREP

ORGANISATION/ DEPARTMENT



Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO.

P9007777-DOE- SD/ A.03.6.9.1-

SCMU6-22/23-0006

CAPITAL

MAINTENANCE

DRAWING INFORMATION

DRAWING TITLE

Computer Lab + Resource Center- Floor Plan

DATE (Print Date)

2/7/2025

DRAWN

Rbam

CHECKED

Rbam

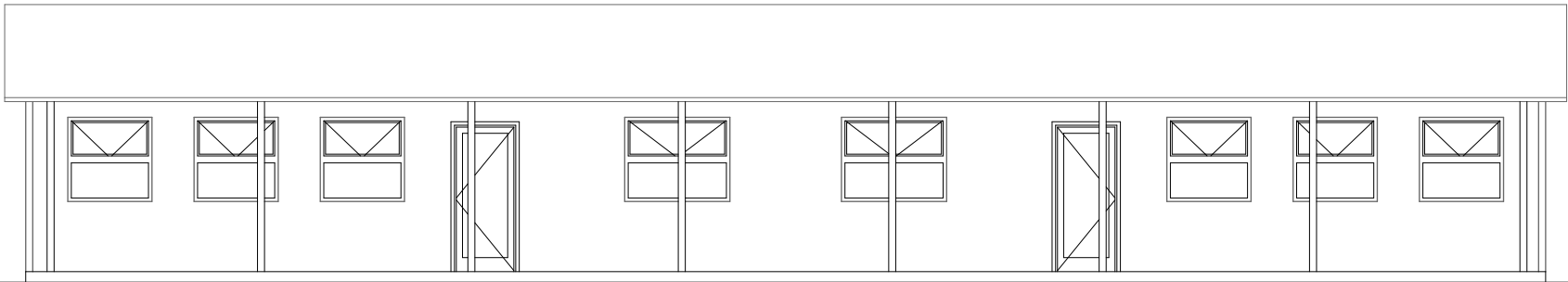
SCALE

As Shown

DRAWING NO.

ECDOE- P6-118

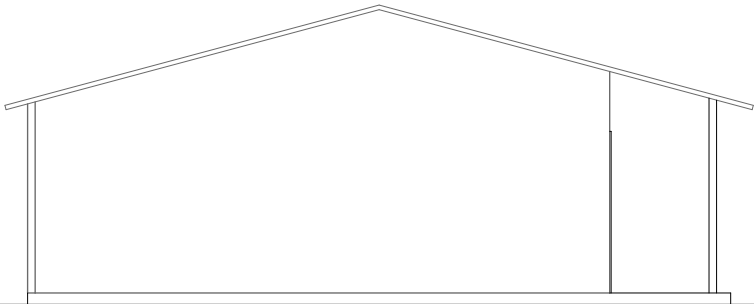
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BLOCK 9-OPTION 4-ELEVATION 1

Elevation

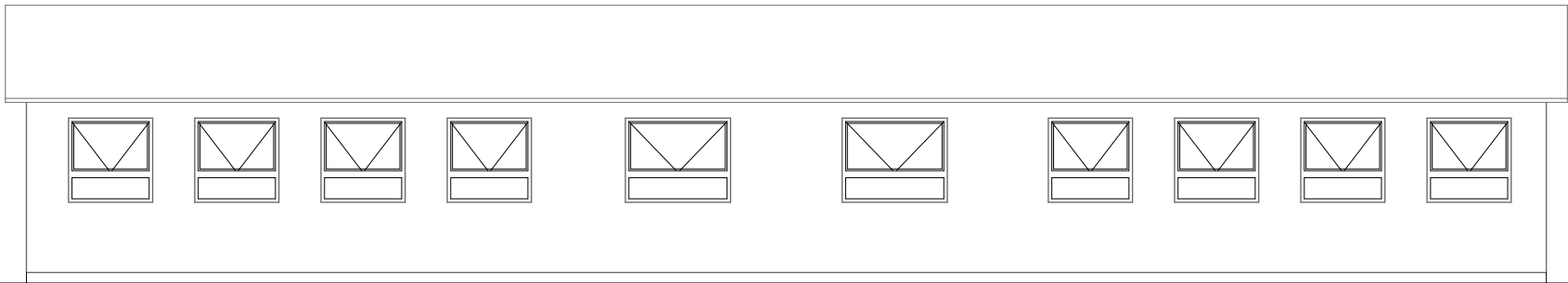
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BLOCK 9-OPTION 4-ELEVATION 2

Elevation

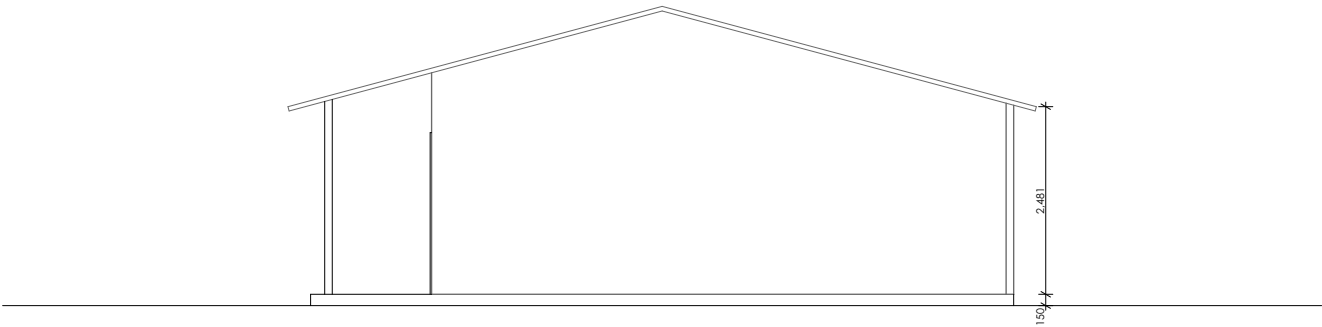
1:100



BLOCK 9-OPTION 4-ELEVATION 3

Elevation

1:100



BLOCK 9-OPTION 4-ELEVATION 4

Elevation

1:100

ORGANISATION/ DEPARTMENT

 Province of the
EASTERN CAPE
EDUCATION
Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

SCHOOL NAME

AMASANGO CAREER SCHOOL AT
GRAHAMSTOWN- RINI

ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

PROJECT TITLE

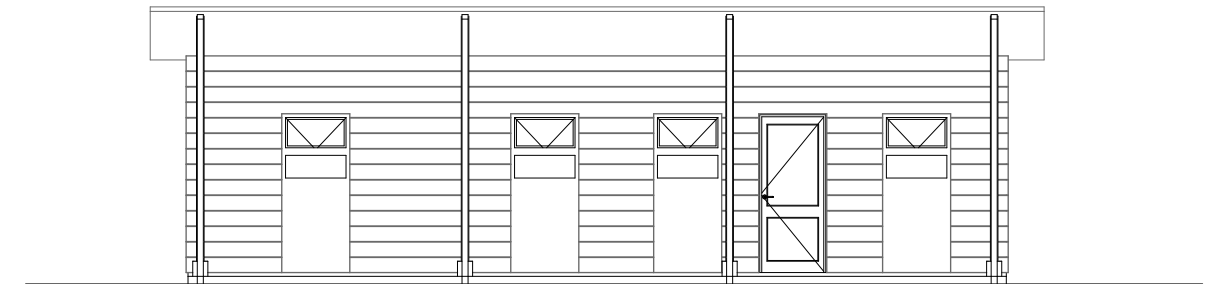
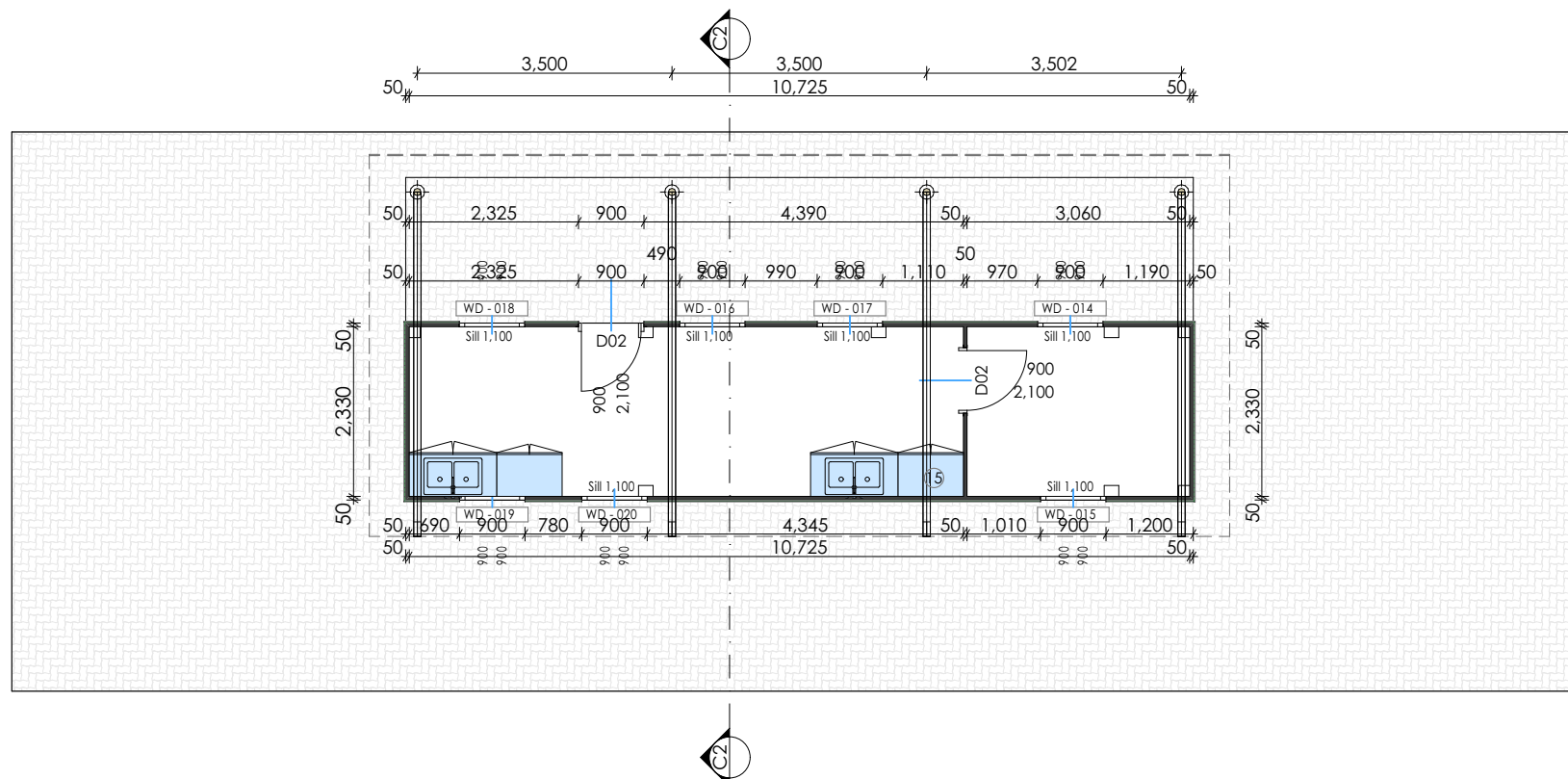
GRAHAMSTOWN AMASANGO CAREER SCHOOL
CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL

PROJECT FILE NO. P9007777-DOE- SD/ A.03.6.9.2-		SCMU6-22/23-0006	
CAPITAL		MAINTENANCE	

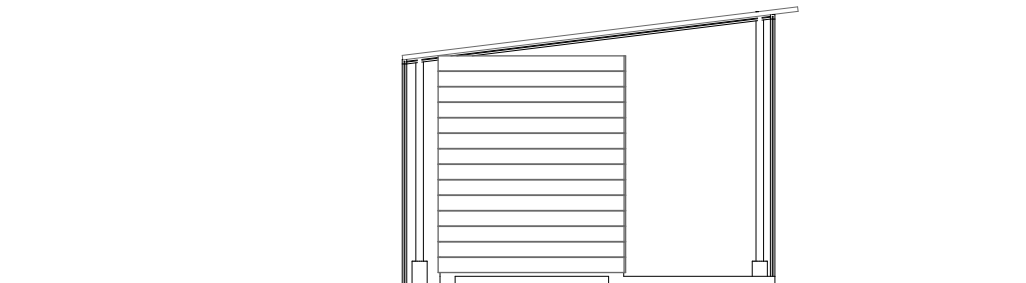
DRAWING INFORMATION

DRAWING TITLE
Computer Lab + Resource Center- Elevations

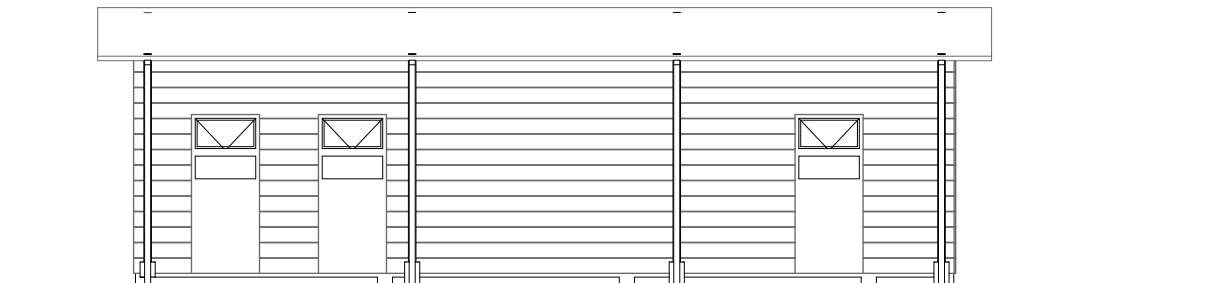
DATE (Print Date) 2/7/2025	DRAWN Rbam	CHECKED Rbam	SCALE As Shown
DRAWING NO. ECDOE- P6-119			REV.NO



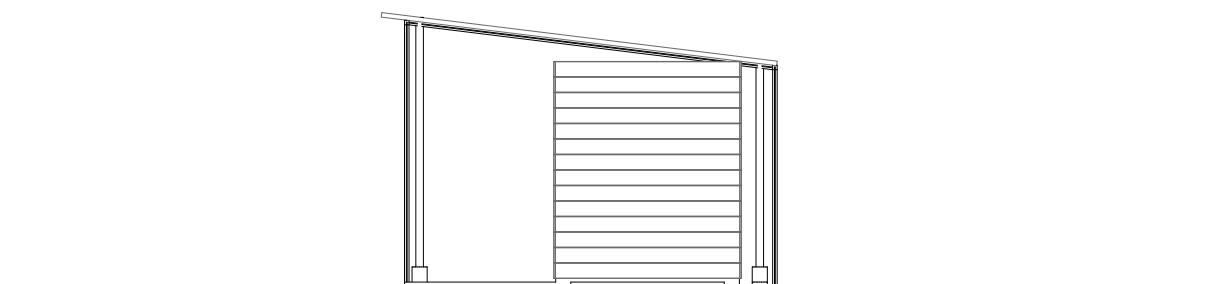
SALON CONTAINER- C1 Elevation 1 1:100



SALON CONTAINER- C2 Elevation 2 1:100



SALON CONTAINER- C3 Elevation 3 1:100



SALON CONTAINER- C4 Elevation 4 1:100

<div><p>Province of the EASTERN CAPE EDUCATION</p><p>Department of Education Steve Tshwete Building, Zone 6 Private Bag X0032 Zwelitsha Eastern Cape</p></div>	SCHOOL NAME	PROJECT TITLE			DRAWING INFORMATION			
	AMASANGO CAREER SCHOOL AT GRAHAMSTOWN- RINI	GRAHAMSTOWN AMASANGO CAREER SCHOOL CONSTRUCTION OF EMERGENCY FACILITIES FOR SCHOOL			DRAWING TITLE Relocated Salon Container- Floor Plan			
	ERF NO. 11665	PROJECT FILE NO. P9007777-DOE- SD/ A.03.6.10.1-SCMU6-22/23-0006		DATE (Print Date) 2/7/2025	DRAWN Rbam	CHECKED Rbam	SCALE As Shown	
MUNICIPAL AUTHORITY RINI		CAPITAL		MAINTENANCE		DRAWING NO. ECDOE- P6-120		REV.NO

Topographical Survey (WG27)

showing

Erf 11665 Rini (Grahamstown)

Administrative District of Albany

Province of the Eastern Cape

Scale 1:500 @ A1

Contours @ 0.5amsl

X +3684000

TN

Beacon Descriptions

A,B,C,D,E.....12mm Iron Peg
F,G.....20mm Iron Peg

Survey Legend

EP ○	Electrical Pole
WV △	Water Valve
WM ○	Water Meter
GT	Gate (Entrance)
SW —	Stay Wire
SP	Stay Pole
SEWMH ○	Sewer Manhole
FH ○	Fire Hydrant
—	Fence Line
—	Electrical Line
—	Water Line
—	Wall
—	Building

Benchmarks

Name Y X Z Description

BM1

BM2 41807,98

BM3 41644,10

Surveyed by me in accordance
with the provisions of the
Land Survey Act No. 8 of
1997 and the regulations
framed thereunder.
Date : September 2023

K van Niekerk
Professional Land Surveyor
PLS1342

Remainder Portion 2 of Farm Brakfontein No.243

Survey Notes:

1)

X +3684000

X +3684100

X +3684200

NOTES:

THE USE OF TRADE NAMES ON THIS DRAWING
SIMPLY SERVES TO INDICATE A STANDARD
ACCEPTABLE TO NATIONAL BUILDING AUTHORITIES,
BUILDING REGULATIONS AND CLIENT. ANY OTHER
BRAND MAY BE USED WITH THE PRIOR WRITTEN
APPROVAL OF THE CLIENT.

THE CONTRACTOR MUST WORK FROM FIGURED
DIMENSIONS ONLY. CHECK ALL DIMENSIONS AND
LEVELS ON SITE BEFORE COMMENCING ANY WORK.
ALL DRAWINGS TO BE READ IN CONJUNCTION WITH
DETAILS, SCHEDULES, DRAINAGE DRAWINGS,
INTERNAL ELEVATIONS, ENGINEERS AND OTHER
SPECIALIST'S DRAWINGS.

REFER CONFLICTING INFORMATION TO THE
ARCHITECT AND OTHER RESPONSIBLE
CONSULTANTS

THE DESIGN ON THIS DRAWING IS THE PROPERTY
OF THE ARCHITECT AND
COPY RIGHT IS RESERVED

REVISIONS

REV.	DESCRIPTION	DATE	BY
1	POSITION OF BUILDINGS SHIFTED DUE TO WATERLINE SERVITUDE	02/10/2023	DOE- TECHNICAL
2	REVISION TO PARKING AREA POSITION EXTERNAL WALKWAYS, COURTYARDS AND INTERNAL FENCING		
3	REVISION TO POSITION OF BLOCK 5- OPTION 4	29/02/2024	
4	REVISION TO POSITION OF BLOCK 5, 8.9.10	01/03/2024	
5	REVISION TO POSITION OF BLOCK 5, 8.9.10	06/03/2024	DOE- TECHNICAL AND INCLUSIVE EDUCATION
6	REVISION TO POSITION OF BLOCK 5, 8.9.10 BLOCK 2- POSITIONING OF RECOMMENDED OPTION 4 ONLY YARDS FOR FUTURE AT BLOCK 4.5	07/03/2024	DOE- TECHNICAL AND INCLUSIVE EDUCATION

PROPERTY DETAILS

AMASANGO CAREER SCHOOL
AT
GRAHAMSTOWN- RINI
ERF NO. 11665

MUNICIPAL AUTHORITY
RINI

EMIS NUMBER
200101027

CLIENT DETAILS



E.C. DEPARTMENT OF EDUCATION
Department of Education
Steve Tshwete Building, Zone 6
Private Bag X0032
Zwelitsha
Eastern Cape

CONSULTANTS

ARCHITECTURAL CONSULTANTS

CIVIL & STRUCTURAL ENGINEERING CONSULTANTS

ELECTRICAL ENGINEERING CONSULTANTS

ELECTRICAL ENGINEERING CONSULTANTS

QUANTITY SURVEYING CONSULTANTS

CLIENT	DATE	SIGN
INFRASTRUCTURE PLANNING	DATE	SIGN
INFRASTRUCTURE PLANNING	DATE	SIGN
USER CLIENT	DATE	SIGN
ARCHITECTURAL SERVICES	DATE 27/10/25	SIGN
C & S ENGINEER SERVICES		SIGN
ELECTRICAL ENGINEER SERVICES	DATE	SIGN
MECHANICAL ENGINEER SERVICES	DATE	SIGN

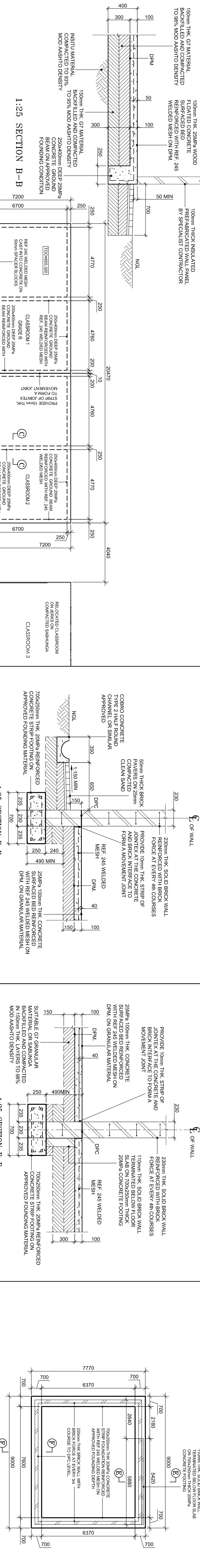
PROJECT TITLE

GRAHAMSTOWN AMASANGO
CAREER SCHOOL

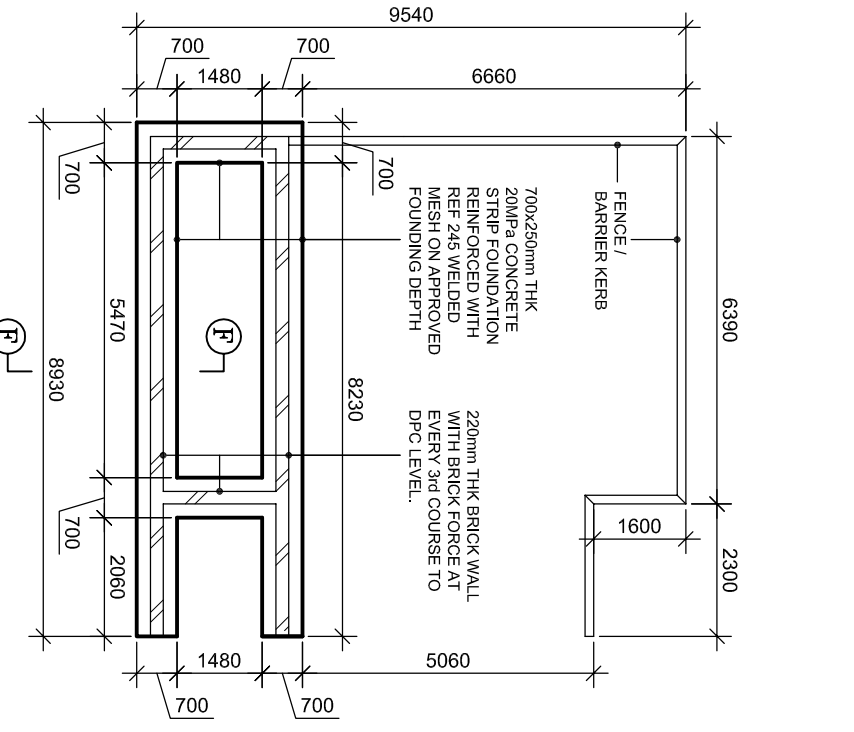
CONSTRUCTION OF EMERGENCY
FACILITIES FOR SCHOOL

DRAWING TITLE
SITE DEVELOPMENT PLAN - REVISION 6 /03/2024
(1:500)

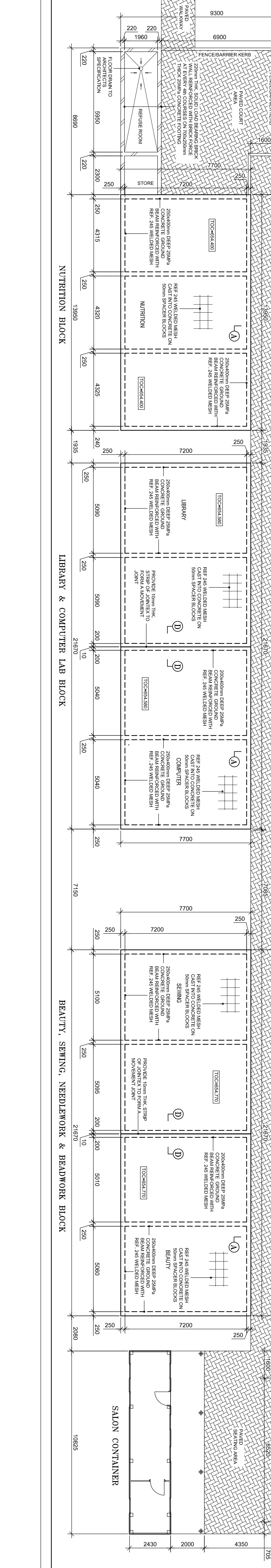
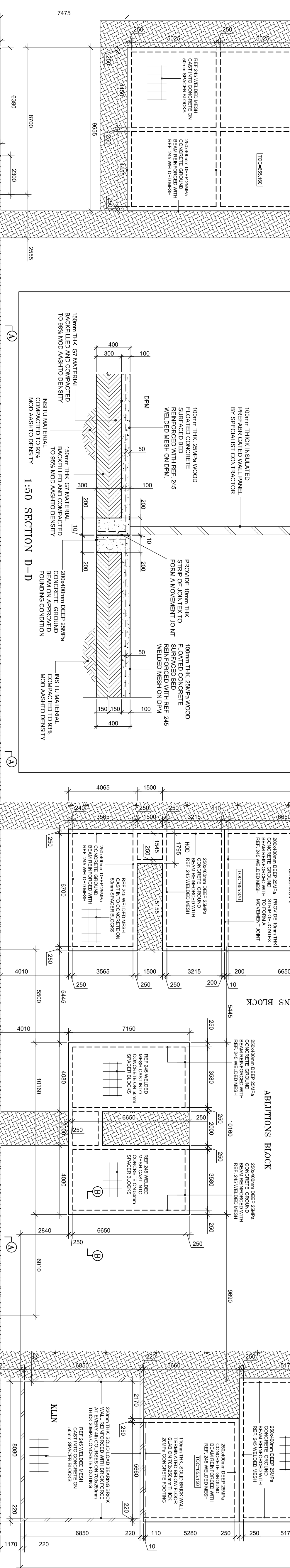
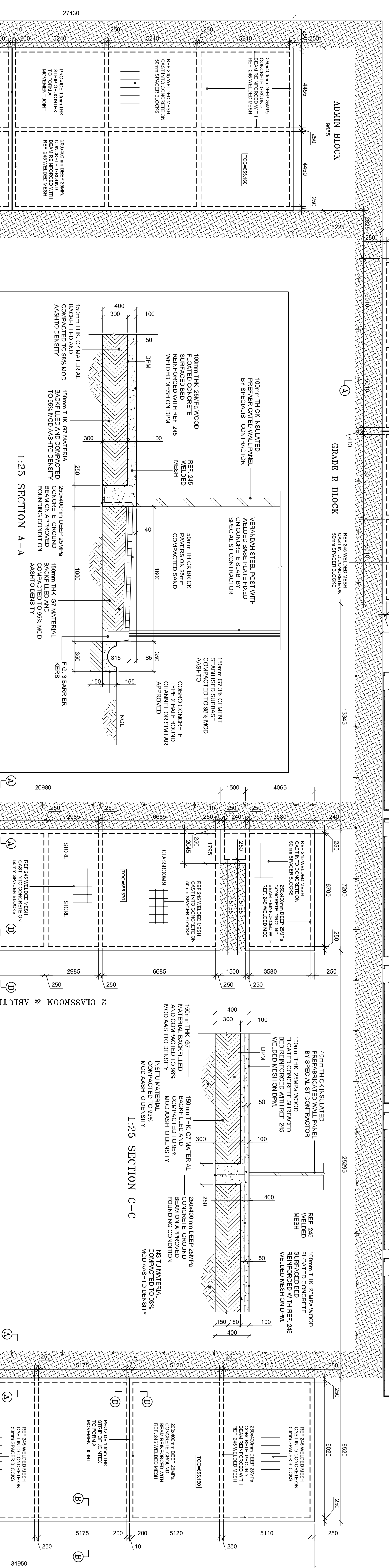
PLANNING/ CONCEPT	MUNICIPAL SUBMISSION
CONSTRUCTION	MAINTENANCE
DATE 27/10/25	DRAWN RBAM
CHECKED SM MN	EC DOE - CHECK SM
PROJECT FILE NO. P9007777-DOE- A-08.6.1	REV NO 6
REV NO DATE 07/03/2024	PAPER SIZE A1
DRAWING NO. 136	SCALE 1:500



1:100 FOUNDATION FOR THE KILN



1:100 NUTRITION / REFUSE FOUNDATION LAYOUT



NOTES

FOR CONSTRUCTION

NO.	DATE	REVISIONS	CHD	APPR
1	14-03-2024	ADDED NUTRITION & KILN FOUNDATION DETAILS		
2	07-03-2024	LAYOUT REFINED		
3	06-02-2024	PER CONSTRUCTION		
0	14-04-2023	DETAILS		

CLIENT

Province of the
EASTERN CAPE
EDUCATION

BTM

PROJECT

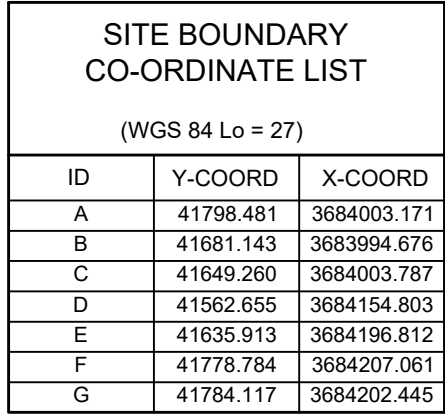
CONSTRUCTION OF AMASANGO
CAREER SCHOOL: MAKANA

DESCRIPTION

PROPOSED RAFT SLAB,
FOUNDATION LAYOUT AND DETAILS

Drawn	Checked	Drawn	Checked
SG	MN	SG	MN
AS SHOWN		DATE	AUGUST 2021

Project No	Dwg. No	Rev
EL093-AMA CS	01	3



NAME	Y-COORD	X-COORD	Z-COORD
BM1	41660.12	3683982.87	658.92
BM2	41807.98	3684210.79	653.43
BM3	41644.10	3684008.48	658.08

PLATFORM CO-ORDINATE LIST		
(WSG 84 Lo = 27)		
ID	Y-COORD	X-COORD
P1	417590.639	3684138.779
R1	417118.630	3684136.445
P2	416861.632	3684133.809
P3	416860.940	3684143.510
P4	41671.860	3684142.857
P5	41689.430	3684183.720
P6	41682.508	3684105.661
P7	41684.440	3684157.640
P8	41705.121	3684158.119
P9	41703.493	3684181.811
P10	41715.315	3684182.659
P11	41717.803	3684147.983
P12	41745.111	3684150.085
P13	41747.120	3684149.734
P14	41763.886	3684150.540
P15	41761.944	3684193.964
P16	41744.769	3684182.764
R2	41715.248	3684183.603
P17	41756.391	3684186.554
R3	41714.364	3684191.923
P18	41755.507	3684198.874
P19	41682.394	3684193.630
P20	41684.013	3684165.261
P21	41703.210	3684171.620
P24	41702.100	3684182.750
P25	41790.333	3684186.643
P26	41777.927	3684165.731
P27	41778.937	3684151.720
P28	41769.065	3684151.054
P29	41768.806	3684191.917
P30	41754.341	3684161.811
P31	41761.672	3684198.815
P32	41775.471	3684199.790
P33	41776.902	3684179.834
P34	41789.644	3684180.530
R4	41744.558	3684185.705
R5	41762.521	3684186.994
SC1	41683.013	3684193.994
SC2	41669.407	3684184.018
SC3	41668.896	3684192.662
SC4	41682.394	3684193.630

GENERAL

1. ALL DIMENSIONS AND LEVELS SHOULD BE CHECKED ON SITE PRIOR TO COMMENCEMENT WITH THE WORK.
2. DRAWINGS SHOW APPROXIMATE POSITIONS OF EXISTING KNOWN SERVICES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGING BOTH KNOWN AND UNKNOWN SERVICES DURING CONSTRUCTION.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL ENGINEERING DRAWINGS.
4. ANY DISCREPANCIES OR AMBIGUITIES BETWEEN THE ARCHITECTS AND THE ENGINEER'S DRAWINGS SHOULD BE REPORTED IMMEDIATELY.
- SEWER
1. ALL SEWER PIPES SHALL BE CLASS 34 OR CLASS 400 HEAVY DUTY uPVC PIPES.
2. BRICK MANHOLES SHALL BE PROVIDED WITH AN EXTERNAL BITUMENOUS COATING.
3. SABS APPROVED CONCRETE RING MANHOLES MAY BE USED FOR MANHOLES DEEPER THAN 1m.
4. JOINTS FOR PRECAST RING MANHOLES TO BE SEALED WITH APPROVED BITUMENOUS PUTTY, IN ACCORDANCE WITH THE MANUFACTURERS' SPECIFICATIONS.
5. SEWER MANHOLES TO BE BENCHED WITH GRADE 15 MASS CONCRETE TO 130 SLIPS.
- WATER RETICULATION
1. ALL uPVC AND HDPE PIPES SHALL BE CLASS 12 AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 966 AND SABS ISO 4427 RESPECTIVELY.
2. uPVC PIPES SHALL BE FITTED WITH SPIGOT AND SOCKET RUBBER JOINTS, WHILE HDPE PIPES SHALL BE JOINED WITH HOPE COUPLINGS.
3. ALL STEEL PIPES SHALL HAVE A MINIMUM WALL THICKNESS OF 2mm, AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 719.
4. ALL PIPES TO BE TESTED TO A HYDRAULIC PRESSURE TEST OF 1500 KPA ALL IN ACCORDANCE WITH SABS 12001, SPECIFICATIONS.
5. PIPE BENDS GREATER THAN 11° AND T-JUNCTIONS SHALL BE PROVIDED WITH GRADE 15 MASS CONCRETE TRUNNION BLOCKS TO DIMENSIONS AS DETAILED IN THE WATER RETICULATION DETAILS DRAWING.
6. ALL STOP VALVES ON WATERMAINS SHALL BE DOUBLE FLANGED CAP TOP A/VK RUBBER SEAL NON-RISING SPINDLE GATE VALVES.
7. ALL STEEL PIPES SHALL BE GALVANISED.

FOR CONSTRUCTION

2	12-03-2024	SHIPPING CONTAINER PLATFORM AND TOC LEVELS		
1	10-11-2023	BULK EARTHWORKS REVISED		
0	13-10-2023	FOR CONSTRUCTION		
REV.	DATE	DETAILS	Chd	Appd
		REVISIONS		

CLIENT



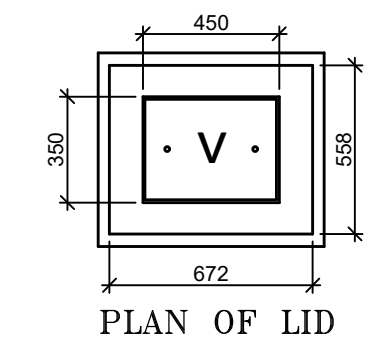
PROJECT

CONSTRUCTION OF AMASANGO CAREER SCHOOL: MAKANA

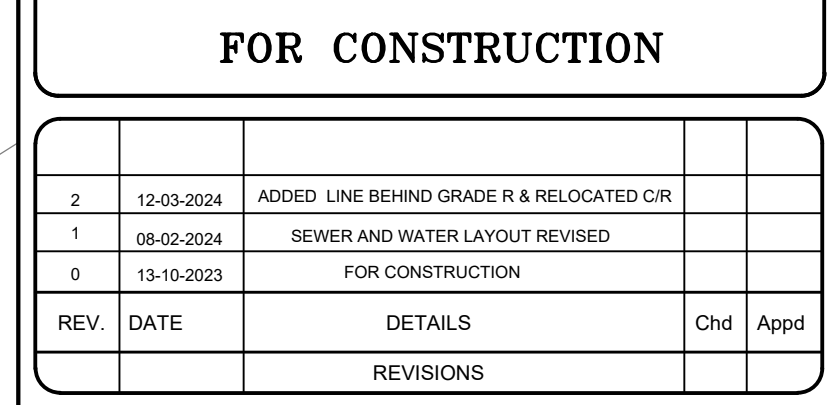
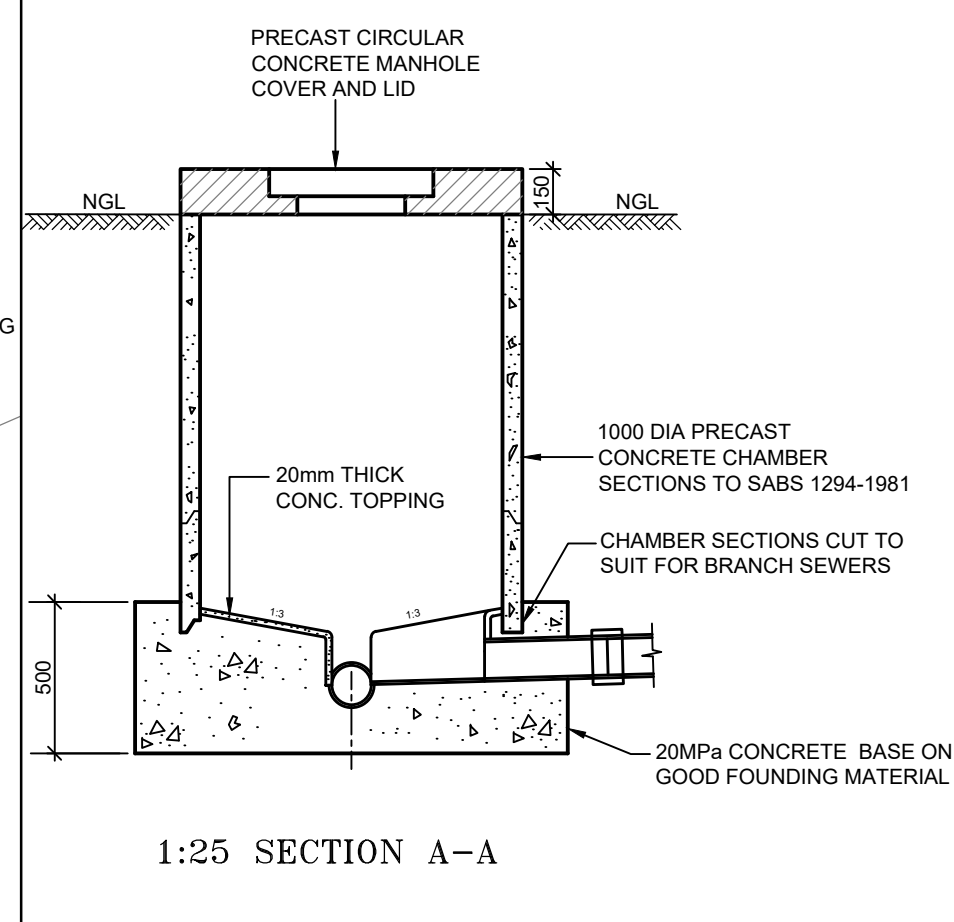
DESCRIPTION

BULK EARTHWORKS

Drawn MA	Checked MN	Designed MA
Scale 1:250	Date AUGUST 2021	
Project No EL093-AMA CS	Dwg. No 100	Rev 2



- # NOTES
1. GENERAL
 - 1.1 ALL DIMENSIONS AND LEVELS SHOULD BE CHECKED ON SITE PRIOR TO COMMENCEMENT WITH THE WORK.
 2. DRAWINGS SHOW APPROXIMATE POSITIONS OF EXISTING KNOWN SERVICES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGING BOTH KNOWN AND UNKNOWN SERVICES DURING CONSTRUCTION.
 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL ENGINEERING DRAWINGS
 4. ANY DISCREPANCIES OR AMBIGUITIES BETWEEN THE ARCHITECTS AND THE ENGINEER'S DRAWINGS SHOULD BE REPORTED IMMEDIATELY.
 2. SEWER
 - 2.1 ALL SEWER PIPES SHALL BE CLASS 34 OR CLASS 400 HEAVY DUTY uPVC PIPES.
 - 2.2 BRICK MANHOLES SHALL BE PROVIDED WITH AN EXTERNAL BITUMENOUS COATING.
 - 2.3 SABS APPROVED CONCRETE RING MANHOLES MAY BE USED FOR MANHOLES DEEPER THAN 1m.
 - 2.4 JOINTS FOR PRECAST RING MANHOLES TO BE SEALED WITH APPROVED BITUMENOUS PUTTY, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
 - 2.5 SEWER MANHOLES TO BE BENCHMARKED WITH GRADE 15 MASS CONCRETE TO 1:3 SLOPES.
 3. WATER RETICULATION
 - 3.1 ALL uPVC AND HDPE PIPES SHALL BE CLASS 12, AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 966 AND SABS ISO 4427 RESPECTIVELY.
 - 3.2 uPVC PIPES SHALL BE FITTED WITH SPIGOT AND SOCKET RUBBER JOINTS, WHILE HDPE PIPES SHALL BE JOINED WITH HDPE COUPLINGS.
 - 3.3 ALL STEEL PIPES SHALL HAVE A MINIMUM WALL THICKNESS OF 2mm, AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 719.
 - 3.4 ALL PIPES TO BE TESTED TO A HYDRAULIC PRESSURE TEST OF 1500 KPa ALL IN ACCORDANCE WITH SABS 1200L SPECIFICATIONS.
 - 3.5 PIPE BENDS GREATER THAN 11° AND T-JUNCTIONS SHALL BE PROVIDED WITH GRADE 15 MASS CONCRETE THRUST BLOCKS TO DIMENSIONS AS DETAILED IN THE WATER RETICULATION DETAILS DRAWING.
 - 3.6 ALL STOP VALVES ON WATERMANS SHALL BE DOUBLE FLANGED CAP TOP AVK RUBBER SEAL NON-RISING SPINDLE FLANGE CAP.
 - 3.7 ALL STEEL PIPES SHALL BE GALVANISED.

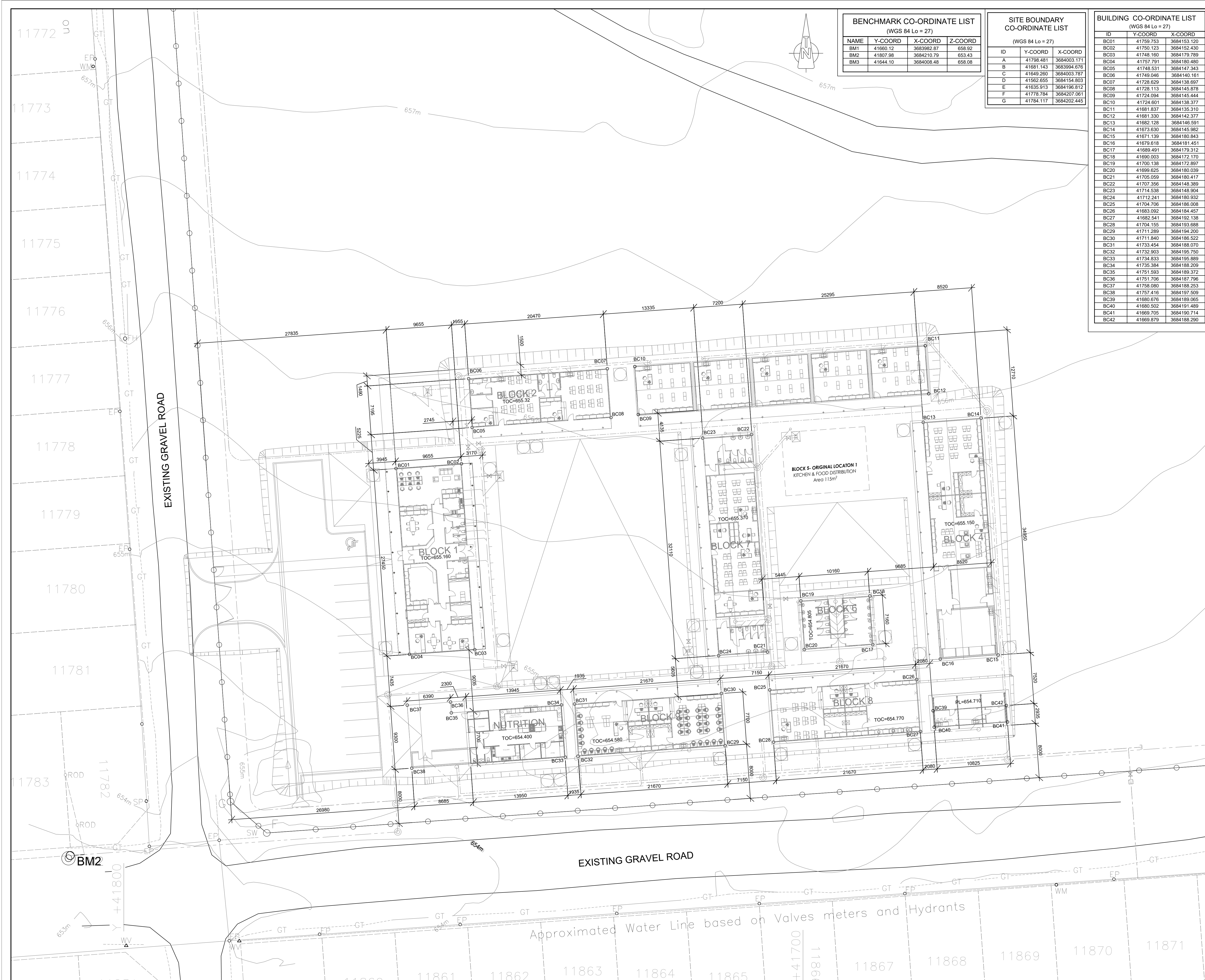


PROJECT

**CONSTRUCTION OF AMASANGO
CAREER SCHOOL: MAKANA**

DESCRIPTION
<p align="center">PROPOSED SEWER, WATER RETICULATION LAYOUT AND DETAILS</p>

Drawn MA	Checked MN	Designed MA
Scale 1:250	Date AUGUST 2021	
Project No EL093-AMA CS /	Dwg. No 101 /	Rev 2



BENCHMARK CO-ORDINATE LIST (WGS 84 Lo = 27)			
NAME	Y-COORD	X-COORD	Z-COORD
BM1	41660.12	3683982.87	658.92
BM2	41807.98	3684210.79	653.43
BM3	41644.10	3684008.48	658.08

SITE BOUNDARY CO-ORDINATE LIST (WGS 84 Lo = 27)		
ID	Y-COORD	X-COORD
A	41798.481	3684003.171
B	41681.143	3683994.676
C	41649.260	3684003.787
D	41562.655	3684154.803
E	41635.913	3684196.812
F	41778.784	3684207.061
G	41784.117	3684202.445

BUILDING CO-ORDINATE LIST (WGS 84 Lo = 27)		
ID	Y-COORD	X-COORD
BC01	41759.753	3684153.120
BC02	41750.123	3684152.430
BC03	41748.160	3684179.789
BC04	41757.791	3684180.480
BC05	41748.531	3684147.343
BC06	41749.046	3684140.161
BC07	41728.829	3684138.697
BC08	41728.113	3684145.878
BC09	41724.094	3684145.444
BC10	41724.601	3684138.377
BC11	41681.837	3684135.310
BC12	41681.330	3684142.377
BC13	41682.128	3684146.591
BC14	41673.630	3684145.962
BC15	41671.139	3684180.843
BC16	41679.818	3684181.451
BC17	41689.491	3684173.312
BC18	41690.003	3684172.170
BC19	41700.138	3684172.897
BC20	41699.625	3684180.039
BC21	41705.059	3684180.417
BC22	41707.356	3684148.389
BC23	41714.538	3684148.904
BC24	41712.241	3684180.932
BC25	41704.706	3684186.008
BC26	41683.092	3684184.457
BC27	41682.541	3684192.138
BC28	41704.155	3684193.688
BC29	41711.289	3684194.200
BC30	41711.840	3684186.522
BC31	41733.454	3684188.070
BC32	41732.903	3684195.750
BC33	41734.833	3684195.889
BC34	41735.384	3684188.209
BC35	41751.593	3684189.372
BC36	41751.706	3684187.796
BC37	41758.080	3684188.253
BC38	41757.416	3684197.509
BC39	41680.876	3684189.065
BC40	41680.502	3684191.489
BC41	41669.705	3684190.714
BC42	41669.879	3684188.290

FOR CONSTRUCTION

REV.	DATE	DETAILS	Chd	Appd
1	13-03-2024	ADMIN BLOCK RESET AS PER ORIGINAL POSITION		
0	06-03-2024	FOR CONSTRUCTION		
		REVISIONS		

CLIENT



Province of the
EASTERN CAPE
EDUCATION

PSU



BTKM
QUALITY SERVICES

PROJECT

**CONSTRUCTION OF AMASANGO
CAREER SCHOOL: MAKANA**

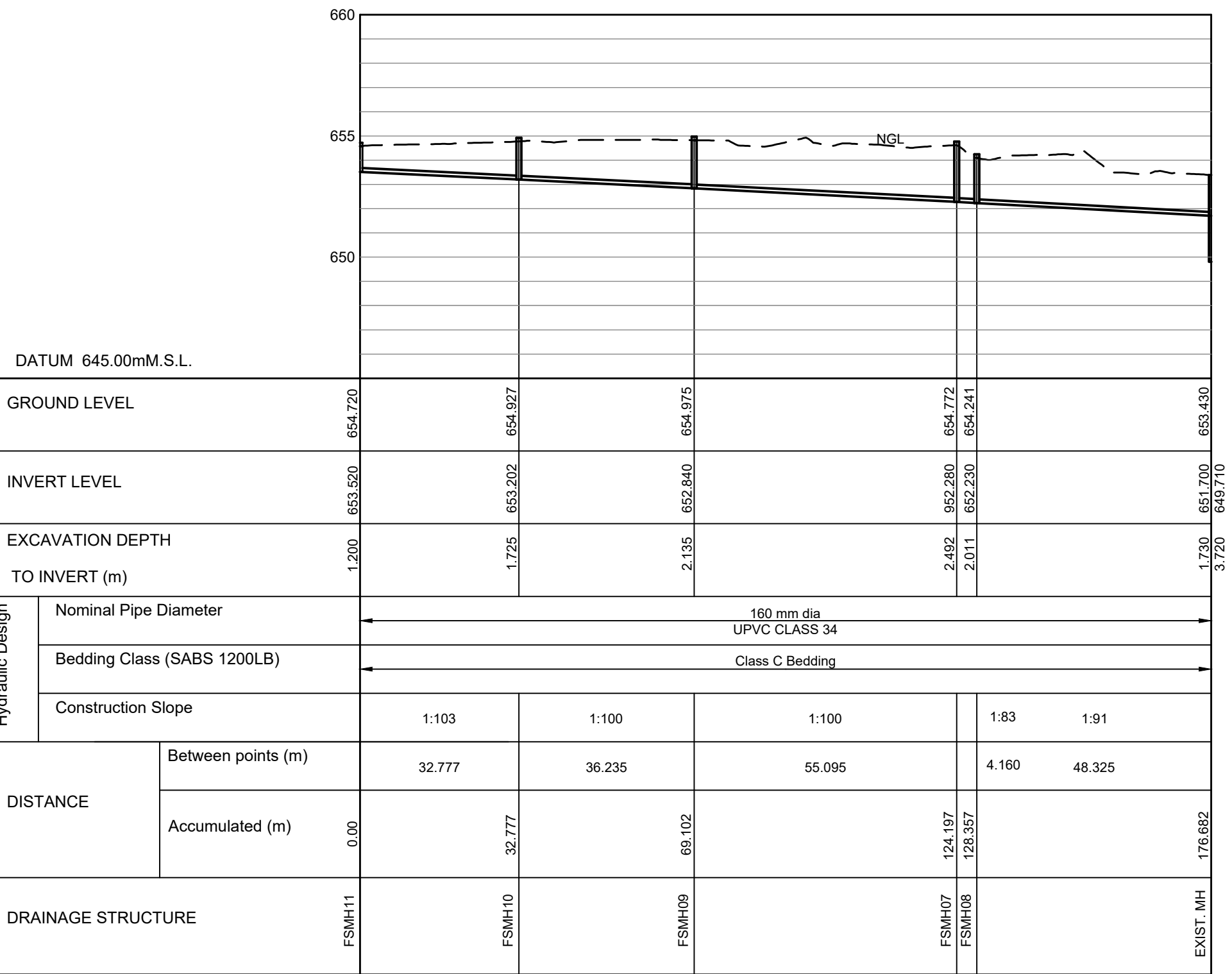
DESCRIPTION

**BUILDINGS SETTING
OUT DETAIL**

Drawn MA	Checked MN	Designed MA
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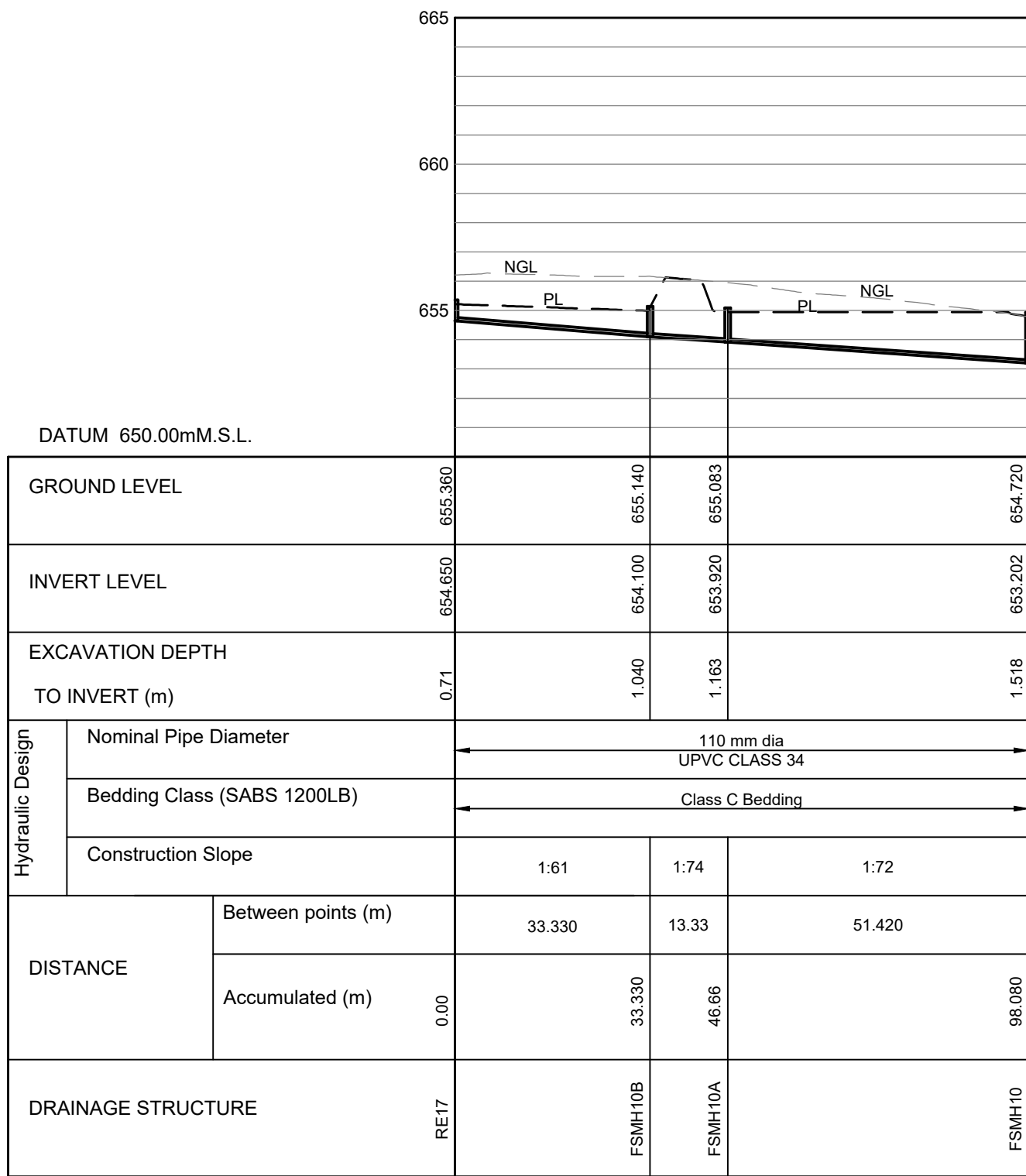
Scale 1:250	Date AUGUST 2021
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Project No EL093-AMA CS	Drg. No 104	Rev 1
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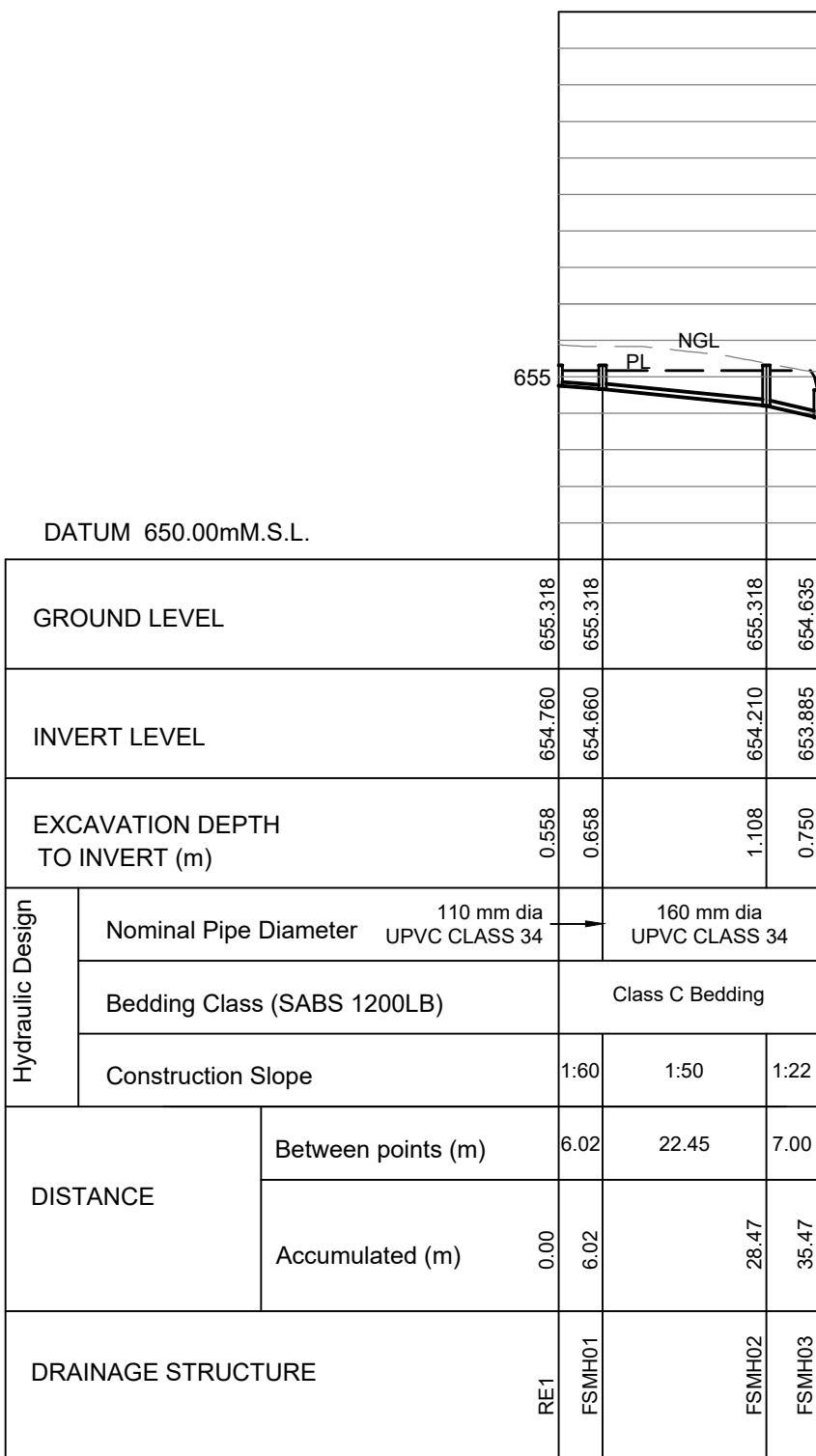
SEWER LONGITUDINAL
SECTION FSMH11 - EXIST. MH

SCALE VER 1:200 & HOR 1:1000



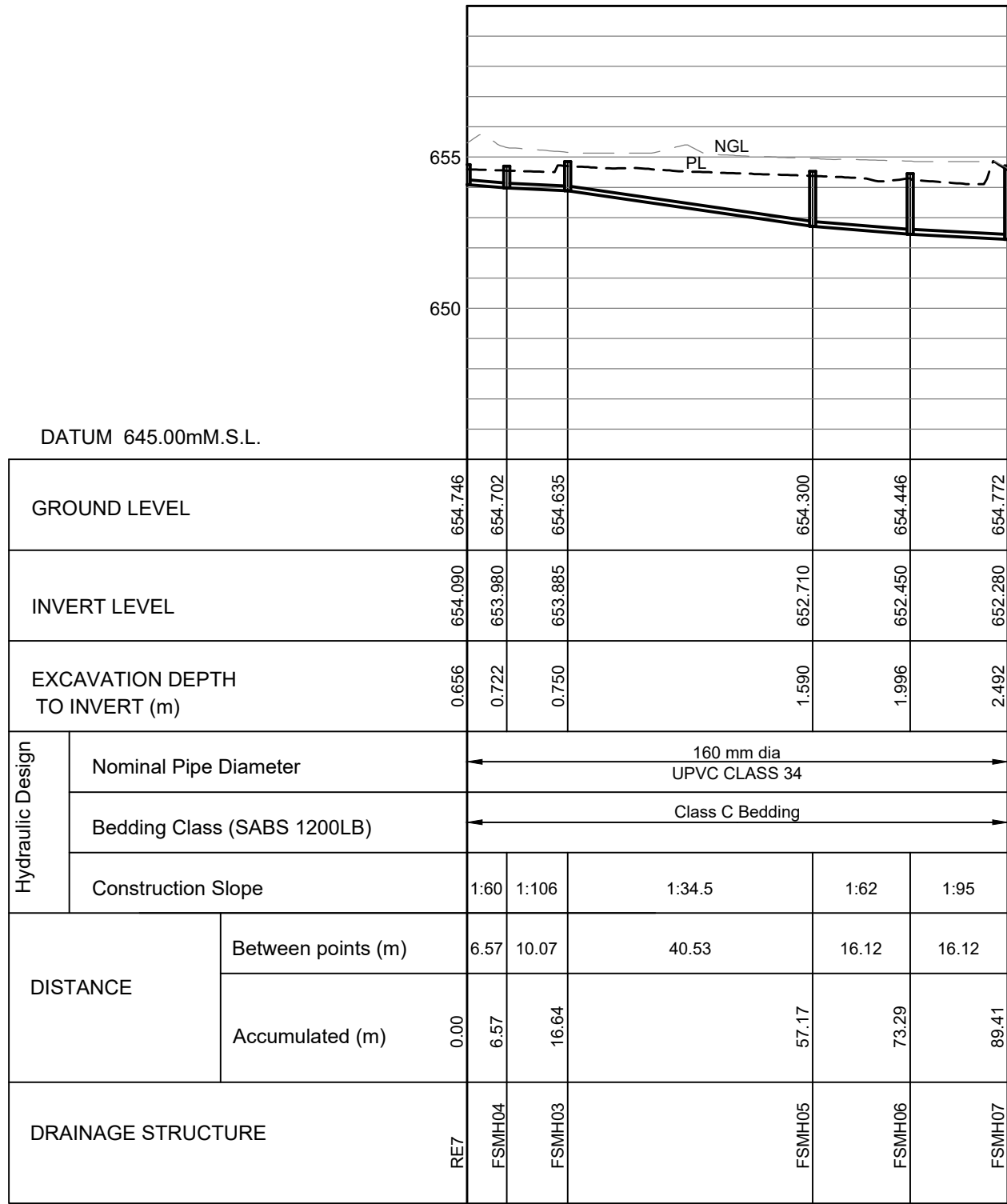
SEWER LONGITUDINAL
SECTION RE17 - FSMH10

SCALE VER 1:200 & HOR 1:1000



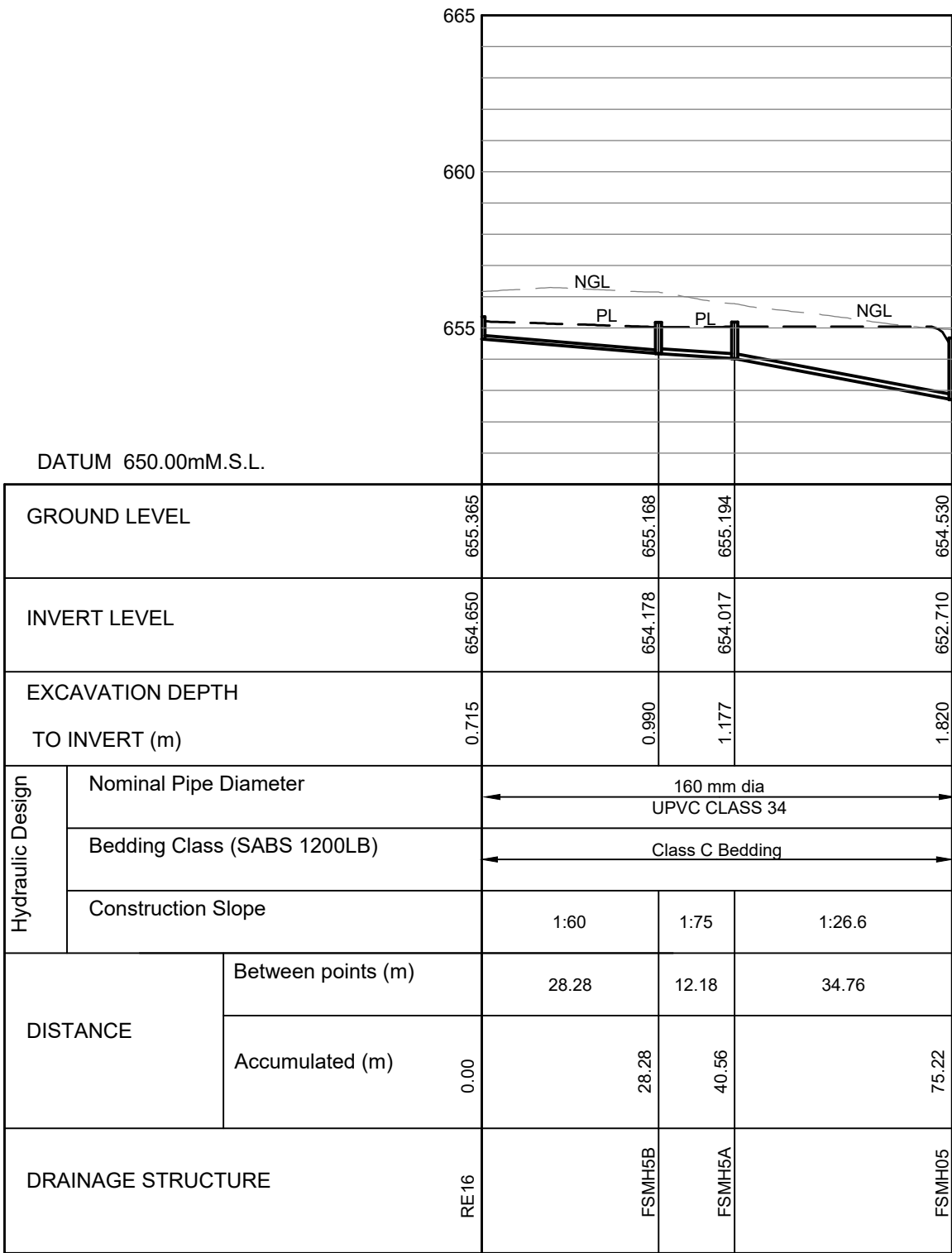
SEWER LONGITUDINAL
SECTION RE1 - FSMH03

SCALE VER 1:200 & HOR 1:1000



SEWER LONGITUDINAL
SECTION RE7 - FSMH07

SCALE VER 1:200 & HOR 1:1000



SEWER LONGITUDINAL
SECTION RE16 - FSMH05

SCALE VER 1:200 & HOR 1:1000

NOTES

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 - SABS APPROVED CONCRETE RING MANHOLES MAY BE USED FOR MANHOLES DEEPER THAN 1m.
 - JOINTS FOR PRECAST RING MANHOLES TO BE SEALED WITH APPROVED BITUMENOUS PUTTY, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
 - SEWER MANHOLES TO BE BENCHED WITH GRADE 15 MASS CONCRETE TO 1:3 SLOPES.
- WATER RETICULATION
 - ALL uPVC AND HDPE PIPES SHALL BE CLASS 12, AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 966 AND SABS ISO 4427 RESPECTIVELY.
 - uPVC PIPES SHALL BE FITTED WITH SPIGOT AND SOCKET RUBBER JOINTS, WHILE HDPE PIPES SHALL BE JOINED WITH HDPE COUPLINGS.
 - ALL STEEL PIPES SHALL HAVE A MINIMUM WALL THICKNESS OF 2mm, AND SHALL COMPLY WITH ALL RELEVANT REQUIREMENTS OF SABS 719.
 - ALL PIPES TO BE TESTED TO A HYDRAULIC PRESSURE TEST OF 1500 KPa ALL IN ACCORDANCE WITH SABS 1200L SPECIFICATIONS.
 - PIPE BENDS GREATER THAN 11° AND T-JUNCTIONS SHALL BE PROVIDED WITH GRADE 15 MASS CONCRETE THRUST BLOCKS TO DIMENSIONS AS DETAILED IN THE WATER RETICULATION DETAILS DRAWING.
 - ALL STOP VALVES ON WATERMAINS SHALL BE DOUBLE FLANGED CAP TOP AVK RUBBER SEAL NON-RISING SPINDLE GATE VALVES.
 - ALL STEEL PIPES SHALL BE GALVANISED.

FOR CONSTRUCTION

0	13-03-2024	FOR CONSTRUCTION			
REV.	DATE	DETAILS	Chd	Appd	
REVISIONS					



PROJECT
**CONSTRUCTION OF AMASANGO
CAREER SCHOOL: MAKANA**

DESCRIPTION
SEWER LONG SECTIONS

Drawn MA	Checked MN	Designed MA
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Scale 1:250	Date AUGUST 2021
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Project No EL093-AMA CS	Drg. No 111	Rev 0
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