



REQUEST FOR BID
FOR
APPOINTMENT OF A CONTRACTOR FOR JONGINTABA SSS

6GB OR HIGHER

EMIS NO: 200400300

DISTRICT: OR TAMBO INLAND

BID NO: SCMU6-25/26-0003

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:

JULY 2025
PNO: P9015452

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 CONTRACTOR FOR JONGINTABA SSS**

BID NO:

[CIDB Grade: 6GB 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 (www.ecdoe.gov.za/tenders) or from National Treasury's tender portal (<http://www.etender.gov.za/content/advertised-tenders>). Bid documents will be available on **Friday, 04 July 2025 at 09h00am**. No bid documents will be available at departmental offices.

Mandatory Briefing Session will be held at **JONGINTABA SSS** on **Tuesday, 15 July 2025** from **14h00pm to 15h30pm**. Co-ordinates **-31.73799, 28.4698**, Unnamed Road, Mqekezweni, 5106, Jongintaba.

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 **Tuesday, 29 July 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: | SCMU6-25/26-0003 | CLOSING DATE: | 29 July 2025 | CLOSING TIME: | 11h00am |
| DESCRIPTION | APPOINTMENT OF A CONTRACTOR FOR JONGINTABA SSS | | | | |
| 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 CONTRACTOR FOR JONGINTABA SSS | | |
| Bid No: | SCMU6-25/26-0003 | | |
| Advertising date: | 04 July 2025 | Closing date: | 29 July 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><tr><td>T2.2.8</td><td>Relevant project experience - current 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 | T2.2.8 | Relevant project experience - current projects | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| T2.2.5 | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| T2.2.8 | Relevant project experience - current projects | Mandatory Requirement | | | | | | | | | | | | | | | | | | | | | | | | |

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| | 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 | <p>Only those Bidders who satisfy the following eligibility criteria should submit Request for Bids:</p> <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 6GB 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 6GB or Higher class of construction work.The members/parties have signed a joint venture agreement. | | |

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| 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). |

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|--------|---|
| 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 style="margin-left: 40px;">P_s = Points scored for price of bid under consideration;</p> <p style="margin-left: 40px;">P_t = Price of bid under consideration and</p> <p style="margin-left: 40px;">P_{min} = 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 CONTRACTOR FOR JONGINTABA SSS | | |
| Bid No: | SCMU6-25/26-0003 | | |
| Advertising date: | 04 July 2025 | Closing date: | 29 July 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 6GB 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 | | | | | | | | |

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|---|--|--|-------------------------|---|------------------|-----------------------------------|---|------------------|-----------------------|---|-------------------|
| 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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

OFFER

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

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

Section No. **FINAL SUMMARY**

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SubTotal excluding Value Added Tax
ADD VAT @ 15%:

Carried to Tender

R

FINAL SUMMARY

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)

| | |
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| Project title: | APPOINTMENT OF A CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

| | |
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| | <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] | |

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| 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#] [11.2.#] | 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 |

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| [31.4.2 #] [40.2.2.#] [26.1.2 #] [31.6.5#] | 2) Lateral support insurance to be effected by the contractor : | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| | 3) Payment will be made for materials and goods on site: 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. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 4) Dispute resolution by adjudication: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 5) Extended defects liability period is applicable to the following elements: - all civil works such as roads, parking areas, stormwater & soil drainage - all work done under electrical subcontracts - all work done under mechanical subcontracts | |
| | Covered by an advance payment guarantee for such other security as maybe accepted by the Employer were stored off the site. | |
| 42.2.6 [15.3] | Period for the commencement of the works after the contractor takes possession of the site : Five (5) working days. | |
| 42.2.7 [24.3.1] [30.1] | For the works as a whole: The date for practical completion shall be TEN (10) Months (including statutory holidays, but excluding the annual builders' shutdown period) from the date that possession of the site is given to the contractor and the penalty per calendar day shall be 3.5c per R100 of the contract value . | |
| 42.2.9 [1.2] | The law applicable to this agreement shall be that of the: Republic of South Africa | |
| 42.3 | INSURANCES | |
| 42.3.1 [10.1 #, 10.2 #, 12.1 #] | Contract works insurance to be effected by the contractor <input checked="" type="checkbox"/> To the minimum value of the contract sum plus 20% With a deductible not exceeding 5% of each and every claim | |
| 42.3.2 [10.1 #, 10.2 #, 12.1 #] | Supplementary insurance is required: Yes To the minimum value of the contract sum plus 20 % | |
| 42.3.3 [11.1 #, 12.1 #] | Public liability insurance to be effected by the contractor <input checked="" type="checkbox"/> For the sum of R 10 million With a deductible not exceeding 5% of each and every claim | |
| 42.3.4 [11.2 #, 12.1 #] | Support insurance to be effected by the contractor : Not Applicable | |
| 42.4 | DOCUMENTS | |
| 42.4.2 [3.7] | Three (3) copies of the construction documents will be supplied to the contractor free of charge | |
| 42.4.3 | Bills of quantities / Lump sum document schedule of rates drawn up in accordance with: Standard System of Measuring Building Work (seventh edition as amended) | |

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| 42.4.4 [15.1.1] | The priced bills of quantities shall be submitted with the Request for Bid submission : Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 42.4.5 [3.4] | JBCC Engineering General Conditions are to be included in the contract documents : No |

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| 42.4.6 [31.5.3] [32.13] | <p>The contract value is to be adjusted using CPAP indices: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto:</p> <ol style="list-style-type: none"> 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index for Work Group 160 Electrical Installation. In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be in accordance with Work Group 170 3) With reference to Work Group 190 a proportion of the value related preliminaries pro rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions, if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Bidders, will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual the factor of 0,55 shall be substituted by 1,45 <p>Alternative Indices: Not Applicable</p> |
| 42.4.7 [3.10] | <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> |

(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

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.

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:

1.6.4 No clause

3.2.1 A **construction guarantee** in terms of 14.0, where so elected in his Bid.

3.7 Add at the end thereof:

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 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
- 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**

10.7 Add the following as 10.7

HIGH RISK INSURANCE

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

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

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

10.7.2 Injury to persons or loss of or damage to property

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable 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 |
| 14.0 | Replace the entire clause 14.0 with the following: |
| 14.0 | SECURITY |
| 14.1 | In respect of contracts with a contract sum up to R1 million, the security to be 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) |
| 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 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. |
| 14.3 | Where the security as a cash deposit of ten percent (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 percent (10%) of the contract sum (excluding VAT) within fourteen (14) calendar days from commencement date |
| 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 |
| 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 |
| 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 |

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| 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: NOT APPLICABLE |
| 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 |
| 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 |
| 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 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 |

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| | 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: 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 . 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. |
| 15.2.1 | Under 41: Amend to read as follows: "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 |
| 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 | Add 31.6.5 as follows: 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. |
| 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 |

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| 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 were the amount certified is in favour of the employer . In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate |
| 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 |

| | |
|-------------|--|
| | <p>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</p> <p>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</p> <p>36.3 Remove reference to "No clause", and replace "principal agent" with "employer"</p> <p>36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of this 37.5 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 38.7 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"</p> <p>37.3.5 Replace "ninety (90)" with "one hundred and twenty (120)" and 38.5.4</p> <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 | Contractor: |

| | | | | | | | | | |
|---|---|--|--|---|--|--|--|---|--|
| | <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> <p>.....</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" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;">(1) cash deposit of 10% of the contract sum (excluding VAT)</td><td style="width: 25%;">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> | (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"/> | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|------------------------------------|--|--------------------------|---------------------------|--|--------------------------|--------------------|--|--------------------------|---------------------------|--|--------------------------|------------------------|--|---|
| | 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. | | | | | | | | | | | | | | | | |
| 42.5.8 [29.7.2] | The annual building holiday period after the commencement of the construction period: from to | | | | | | | | | | | | | | | | |
| 42.6 | DOCUMENTS | | | | | | | | | | | | | | | | |
| 42.6.1 | Contract documents marked and annexed hereto: <table border="1" style="width: 100%;"> <tr> <td style="width: 35%;">Priced bills of quantities:</td><td style="width: 20%;">Yes <input type="checkbox"/> No <input type="checkbox"/></td><td style="width: 45%;">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> <tr> <td>Contract drawings:</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td><td>Document marked as</td></tr> <tr> <td>Other documents</td><td>Yes <input type="checkbox"/> No <input type="checkbox"/></td><td>(attach additional pages if more space is required)</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 | 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) |
| 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 _____ <table style="width: 100%;"> <tr> <td style="width: 50%;"> _____ Name of signatory </td> <td style="width: 50%;"> _____ for and behalf of the Employer who by signature hereof warrants authorization hereto </td> </tr> <tr> <td> _____ Capacity of signatory </td> <td> _____ as Witness </td> </tr> </table> Thus done and signed at _____ on _____ <table style="width: 100%;"> <tr> <td style="width: 50%;"> _____ Name of signatory </td> <td style="width: 50%;"> _____ for and behalf of the Contractor who </td> </tr> </table> | | _____ Name of signatory | _____ for and behalf of the Employer who by signature hereof warrants authorization hereto | _____ Capacity of signatory | _____ as Witness | _____ Name of signatory | _____ for and behalf of the Contractor who |
| _____ Name of signatory | _____ for and behalf of the Employer who by signature hereof warrants authorization hereto | | | | | | | |
| _____ Capacity of signatory | _____ as Witness | | | | | | | |
| _____ Name of signatory | _____ for and behalf of the Contractor who | | | | | | | |

| | |
|--|--|
| | <p>hereto</p> <p>by signature hereof warrants authorization</p> <p>_____ Capacity of signatory</p> <p>_____ as Witness</p> |
|--|--|

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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: SCMU6-25/26-0003** for the **APPOINTMENT OF A CONTRACTOR FOR JONGINTABA SSS** (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 CONTRACTOR FOR JONGINTABA SSS | | |
| Principal Agent: | Eastern Cape Province Department of Education | Bid No: | SCMU6-25/26-0003 |

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:

$$\begin{array}{ccc}
 \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\
 \\
 \mathbf{Ps} = \mathbf{80} \left(1 - \frac{\mathbf{Pt} - \mathbf{Pmin}}{\mathbf{Pmin}} \right) & \mathbf{or} & \mathbf{Ps} = \mathbf{90} \left(1 - \frac{\mathbf{Pt} - \mathbf{Pmin}}{\mathbf{Pmin}} \right)
 \end{array}$$

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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: 15 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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

| | | |
|--|-------------|-------------------------|
| 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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS | | |
| Bid No: | SCMU6-25/26-0003 | | |
| <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> <p>i) authorizes the employer to verify the Bidders tax clearance status from the South African Revenue Services that it is in order;</p> <p>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;</p> <p>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;</p> <p>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</p> <p>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.</p> | | | |
| 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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Request for Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Request for Bid No: | SCMU6-25/26-0003 |

C3. Scope of Works

1. GENERAL

a) EXTENT OF THE WORKS

The work comprises of:

| | |
|--|--|
| Repairs & Renovations to Existing Classroom Blocks | |
| - | Waterproofing around windows |
| - | Roof covering in patches |
| - | Carpentry and Joinery including doors, skirting and school furniture |
| - | Ceilings and floor covering |
| - | Ironmongery including replacing chalkboards and pinning boards |
| - | Metalwork including door frames and gates |
| - | Plastering to walls and screed |
| - | Floor tiling in patches |
| - | Rainwater goods |
| - | Glazing |
| - | Paintwork |
| Replacing burnt Admin Block with new Admin | |
| - | Demolish existing foundations of burnt admin block |
| - | Construction of new admin block including furniture |
| External Works | |
| - | Bulk Earthworks |
| - | Stormwater reticulation |
| - | Water supply to admin building |
| - | 10 x 5000L Rainwater tanks and 2 x drinking fountains |
| - | 5 x Decanting Classrooms including site preparation works |
| - | Retaining walls and concrete aprons |
| - | Concrete walkways |
| - | Paved parking and assembly area |
| Electrical Works | |
| Mechanical Ventilation to New Admin | |
| Kitchen Equipment | |
| Repairs and Renovations to Existing Toilets | |

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 |

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



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| | HAZARD | RISK | MINIMUM CONTROL MEASURES |
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| 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. |



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| | | | <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 |



CLIENT: ECDoe

PROJECT: DoE Small Projects

COMPILED BY: Ntokozo Ngwenya

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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 | Overturing 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 |



CLIENT: ECDoE

PROJECT: DoE Small Projects

COMPILED BY: Ntokozo Ngwenya

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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. |



REVISION: 00

[illegible]

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 | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| 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:.....

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

| Category 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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

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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SECTION NO. 1
PROVISSIONAL SUMS

SECTION 1**PRELIMINARIES****MEANING OF TERMS "TENDER / TENDERER"**

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

PRELIMINARIES

The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable"

PRICING OF PRELIMINARIES

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

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

SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT**DEFINITIONS**

A1.0

DEFINITIONS AND INTERPRETATION

Clause 1.0

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

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

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

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

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

"**CONSTRUCTION PERIOD**" means the period commencing on the date on which possession of the **site** is given to the contractor 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 Practice**" is added:

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

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

"**INTEREST**" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, and will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999)

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

"**PRINCIPAL AGENT**" means the person or entity appointed by the **employer** and named in the **schedule**. In the event of a **principal agent** not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by a representative of the **employer** as named in the **schedule**

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

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

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

Clause 1.6.4 is amended by replacing it with the following:

No clause

Fixed: _____ Value related: _____ Time related: _____
Item

OBJECTIVE AND PREPARATION

A2.0

OFFER, ACCEPTANCE AND PERFORMANCE

Clause 2.0

Fixed: _____ Value related: _____ Time related: _____
Item

A3.0

DOCUMENTS

Clause 3.0

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

Clause 3.2.2 is amended by removing the reference to:

No clause

Clause 3.7 is amended by the addition of the following:

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

Clause 3.10 is amended by replacing the second reference to "**principal agent**" with the word "**employer**"

Fixed: _____ Value related: _____ Time related: _____
Item

| | |
|-------|---|
| A4.0 | <p>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> <p style="text-align: right;">Item</p> |
| A5.0 | <p>EMPLOYER'S AGENTS</p> <p>Clause 5.0</p> <p>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 in terms of which the employer has retained its authority and has not given a mandate to the principal agent and in terms of which the employer shall sign all documents</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| A6.0 | <p>SITE REPRESENTATIVE</p> <p>Clause 6.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| A7.0 | <p>COMPLIANCE WITH REGULATIONS</p> <p>Clause 7.0</p> <p>Note: A separate clause has been included in Section C: Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| A8.0 | <p>WORKS RISK</p> <p>Clause 8.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| A9.0 | <p>INDEMNITIES</p> <p>Clause 9.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| A10.0 | <p>WORKS INSURANCES</p> <p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p> <p>(a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p> |

- (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 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 negligence 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 negligence of any person for whose actions the **employer** is legally liable
- (c) The **contractor** shall, upon receiving a **contract instruction** from the **principal agent**, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**
- (d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**
- (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**

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

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 fourteen (14) **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: _____ **Item**

A11.0 LIABILITY INSURANCES

Clause 11.0

Fixed: _____ Value related: _____ Time related: _____ **Item**

A12.0 EFFECTING INSURANCES

Clause 12.0

Fixed: _____ Value related: _____ Time related: _____ **Item**

A13.0 **No clause**

A14.0 SECURITY

Clause 14.0

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

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

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

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

14.2 In respect of contracts with a **contract sum** above R1 million, the **contractor** shall have the right to select the **security** to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the **schedule**. Such **security** shall be provided to the **employer** within 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

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 fourteen (14) **calendar days** from **commencement date**

14.3.2 Within twenty-one (21) **calendar days** of the date of **practical completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to three per cent (3%) of the **contract value** (excluding VAT), and refund the balance to the **contractor**

14.3.3 Within twenty-one (21) **calendar days** of the date of **final completion** of the **works** the **employer** shall reduce the cash deposit to an amount equal to one per cent (1%) of the **contract value** (excluding VAT) and refund the balance to the **contractor**

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

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

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

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

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 fourteen (14) **calendar days** from **commencement date** N/A

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 N/A

14.4.3 The **employer** shall return the variable **construction guarantee** to the **contractor** within fourteen (14) **calendar days** of it expiring N/A

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** N/A

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

14.5.1 The **contractor** shall furnish a fixed **construction guarantee** to the **employer** equal in value to five per cent (5%) of the **contract sum** (excluding VAT) 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 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 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 per cent (10%) of the value certified in the **payment certificate** (excluding VAT) has been selected:

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

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

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

14.9 Should the **contractor** fail to furnish the **security** in terms of 14.2, the **employer**, in his sole discretion and without notification to the **contractor**, is entitled to change the **contractor's** selected form of **security** to that of a ten per cent (10%) payment reduction of the value certified in the **payment certificate** (excluding VAT), whereafter 14.7 shall be applicable

Fixed: _____ Value related: _____ Time related: _____
Item

EXECUTION**A15.0 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 fourteen (14) **calendar days of commencement date**

Clause 15.2.1 is amended by replacing it with the following clause:

Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1.2 and 15.1.4

Fixed: _____ Value related: _____ Time related: _____
Item

Clause 15.2.2 is amended by replacing it with:

No clause

Fixed: _____ Value related: _____ Time related: _____
Item

A16.0 ACCESS TO THE WORKS

Clause 16.0

Fixed: _____ Value related: _____ Time related: _____
Item

A17.0 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

A18.0 SETTING OUT OF THE WORKS

Clause 18.0

Fixed: _____ Value related: _____ Time related: _____
Item

| | |
|-------|--|
| A19.0 | ASSIGNMENT Clause 19.0 Fixed: _____ Value related: _____ Time related: _____ Item |
| A20.0 | NOMINATED SUBCONTRACTORS 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 |
| A21.0 | SELECTED SUBCONTRACTORS Clause 21.0 Clause 21 is amended by replacing it with: No clause Fixed: _____ Value related: _____ Time related: _____ Item |
| A22.0 | EMPLOYER'S DIRECT CONTRACTORS Clause 22.0 Fixed: _____ Value related: _____ Time related: _____ Item |
| A23.0 | CONTRACTOR'S DOMESTIC SUBCONTRACTORS Clause 23.0 Fixed: _____ Value related: _____ Time related: _____ Item COMPLETION |
| A24.0 | PRACTICAL COMPLETION Clause 24.0 Fixed: _____ Value related: _____ Time related: _____ Item |
| A25.0 | WORKS COMPLETION Clause 25.0 Fixed: _____ Value related: _____ Time related: _____ Item |

SECTION 1: PRELIMINARIES (SECTION A)
Each Item Carried to Collection

| | | |
|-------|--|--|
| A26.0 | <p>FINAL COMPLETION</p> <p>Clause 26.0</p> <p>Clause 26.1.2 is amended by inserting “#” next to 26.1.2</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> | |
| A27.0 | <p>LATENT DEFECTS LIABILITY PERIOD</p> <p>Clause 27.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> | |
| A28.0 | <p>SECTIONAL COMPLETION</p> <p>Clause 28.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> | |
| A29.0 | <p>REVISION OF DATE FOR PRACTICAL COMPLETION</p> <p>Clause 29.0</p> <p>Clause 29.2.5 is amended by replacing it with:</p> <p>No clause</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> | |
| A30.0 | <p>PENALTY FOR NON-COMPLETION</p> <p>Clause 30.0</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> | |
| A31.0 | <p>PAYMENT</p> <p>INTERIM PAYMENT TO THE CONTRACTOR</p> <p>Clause 31.0</p> <p>Clause 31.5.2 is amended by replacing “14.7.1” with “14.0”</p> <p>Clause 31.6.5 is amended by removing the reference to:</p> <p>No Clause</p> <p>And the addition of the following clause:</p> <p>NO DEPOSITS due by the Contractor to any supplier or sub-contractor for materials or equipment will be included in any valuation prior to the delivery to the site of such materials or equipment after which it will be treated as materials on site in terms of clause 31 of the Principal Building Agreement</p> <p>Clause 31.8 is amended by replacing it with the following two alternative clauses:</p> <p>Alternative A</p> | |

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** as a payment reduction in terms of 14.7 has been selected, the value of the **works** in terms of 31.4.1 and **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

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 31.9 is amended by replacing “twenty-one (21) **calendar days**” with “thirty (30) **calendar days**”

Clause 31.9 is further amended by the addition of the following:

“Should the Service Provider’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 the date, the thirty (30) day period for due date of payment of the invoice shall commence.”

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: _____
Item

Clause 32.13 is amended by the addition of the following clause:

Clause 5.1 of the JBCC CPAP shall be deemed to be amended as follows:

Xe = the value of the index applicable to such work group and the valuation period for the month in which the payment certificate is dated

A32.0

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: _____ **Item**

A33.0

RECOVERY OF EXPENSE AND LOSS

Clause 33.0

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

Fixed: _____ Value related: _____ Time related: _____ **Item**

A34.0

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 “thirty (30) **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**

A35.0

PAYMENT TO OTHER PARTIES

Clause 35.0

Fixed: _____ Value related: _____ Time related: _____ **Item**

SECTION 1: PRELIMINARIES (SECTION A)**Each Item Carried to Collection**

CANCELLATION**A36.0 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 the 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: _____
Item

A37.0 CANCELLATION BY EMPLOYER – LOSS AND DAMAGE

Clause 37.0

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

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

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: _____
Item

A38.0 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: _____
Item

A39.0

CANCELLATION – CESSATION OF THE WORKS

Clause 39.0

Clause 39.3.5 is amended by the addition of the following at the end of the sentence:

“within one hundred and twenty (120) **working days** of completion of such a report”Fixed: _____ Value related: _____ Time related: _____
Item**DISPUTE**

A40.0

DISPUTE SETTLEMENT

Clause 40.0

Clause 40.2.2 is amended by replacing “one (1) year” with “three (3) years”

Clause 40.6 is amended by removing the reference to:

No clause

Clause 40.7.1 is amended by replacing “(10)” with “(15)” and by the addition of the following:

Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the **mediator** and related costsFixed: _____ Value related: _____ Time related: _____
Item**SUBSTITUTE PROVISIONS**

A41.0

STATE CLAUSES

Clause 41.0

Fixed: _____ Value related: _____ Time related: _____
Item**CONTRACT VARIABLES**

A42.0

THE SCHEDULE (C1.2: CONTRACT DATA)

Clause 42.0

Tenderers are referred to document C1.2: Contract Data (Volume 1) for variables pertaining to this contract

Fixed: _____ Value related: _____ Time related: _____
Item**SECTION 1: PRELIMINARIES (SECTION A)****Each Item Carried to Collection**

SECTION B: JBCC PRELIMINARIES**B1.0 DEFINITIONS AND INTERPRETATION****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**B2.1 *Checking of documents***

Fixed: _____ Value related: _____ Time related: _____
Item

B2.2 *Provisional bills of quantities*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.3 *Availability of construction documentation*

Fixed: _____ Value related: _____ Time related: _____
Item

B2.4 *Interests of agents*

Fixed: _____ Value related: _____ Time related: _____
N/A

B2.5 *Priced documents*

Fixed: _____ Value related: _____ Time related: _____
Item

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

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

Fixed: _____ Value related: _____ Time related: _____
Item

B3.2 *Geotechnical investigation*

Fixed: _____ Value related: _____ Time related: _____
Item

| | |
|-------|--|
| B3.3 | <p><i>Inspection of the site</i></p> <p>Tenderers shall complete the Tender briefing meeting attendance certificate and return the same with the tender submission. Tenderers are encouraged to inspect the various school sites as they deem necessary.</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.4 | <p><i>Existing premises occupied</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.5 | <p><i>Previous work – dimensional accuracy</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">N/A</p> |
| B3.6 | <p><i>Previous work – defects</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">N/A</p> |
| B3.7 | <p><i>Services – known</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.8 | <p><i>Services – unknown</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.9 | <p><i>Protection of trees</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.10 | <p><i>Articles of value</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B3.11 | <p><i>Inspection of adjoining properties</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B4.0 | <p>MANAGEMENT OF CONTRACT</p> |
| B4.1 | <p><i>Management of the works</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B4.2 | <p><i>Programme for the works</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B4.3 | <p><i>Progress meetings</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |

| | | | |
|------|---|---|------|
| B4.4 | Technical meetings | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B4.5 | Labour and plant records | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B5.0 | SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS | | |
| B5.1 | Samples of materials | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B5.2 | Workmanship samples | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B5.3 | Shop drawings | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B5.4 | Compliance with manufacturers' instructions | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.0 | TEMPORARY WORKS AND PLANT | | |
| B6.1 | Deposits and fees | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.2 | Enclosure of the works | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.3 | Advertising | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.4 | Plant, equipment, sheds and offices | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.5 | Main notice board | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B6.6 | Subcontractors' notice board | Fixed: _____ Value related: _____ Time related: _____ | N/A |

| | | |
|-------|---|-------------|
| B7.0 | TEMPORARY SERVICES | |
| B7.1 | <i>Location</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B7.2 | <i>Water</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B7.3 | <i>Electricity</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B7.4 | <i>Telecommunication facilities</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B7.5 | <i>Ablution facilities</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B8.0 | PRIME COST AMOUNTS | |
| B8.1 | <i>Responsibility for prime cost amounts</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B9.0 | ATTENDANCE ON N/S SUBCONTRACTORS | |
| B9.1 | <i>General attendance</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B9.2 | <i>Special attendance</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | N/A |
| B9.3 | <i>Commissioning – fuel, water and electricity</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B10.0 | FINANCIAL ASPECTS | |
| B10.1 | <i>Statutory taxes, duties and levies</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B10.2 | <i>Payment for preliminaries</i> | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |

| | |
|--------|--|
| B10.3 | <p><i>Adjustment of preliminaries</i></p> <p>Clauses B10.3.1 and B10.3.2 are amended by replacing “within fifteen (15) working days of taking possession of the site” with “when submitting his priced bills of quantities / lump sum document”</p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B10.4 | <p><i>Payment certificate cash flow</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.0 | GENERAL |
| B11.1 | <p><i>Protection of the works</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.2 | <p><i>Protection / isolation of existing / sectionally occupied works</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.3 | <p><i>Security of the works</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.4 | <p><i>Notice before covering work</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.5 | <p><i>Disturbance</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.6 | <p><i>Environmental disturbance</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.7 | <p><i>Works cleaning and clearing</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.8 | <p><i>Vermin</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.9 | <p><i>Overhand work</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |
| B11.10 | <p><i>Instruction manuals and guarantees</i></p> <p>Fixed: _____ Value related: _____ Time related: _____</p> <p style="text-align: right;">Item</p> |

| | | |
|---|--|---------------------------------------|
| B11.11 | As built information | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| B11.12 | Tenant installations | |
| | Fixed: _____ Value related: _____ Time related: _____ | N/A |
| B12.0 | SCHEDULE OF VARIABLES | |
| B12.1 | Pre-tender information | |
| | Fixed: _____ Value related: _____ Time related: _____ | Item |
| <p>This schedule contains all variables referred to in this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries</p> <p>Spaces requiring information must be filled in, shown as “not applicable” or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets</p> | | |
| 12.1 | PRE-TENDER INFORMATION | |
| 12.1.1 | Provisional bills of quantities | |
| [2.2] | The quantities are provisional | (yes/no) <input type="checkbox"/> Yes |
| 12.1.2 | Availability of construction documentation | |
| [2.3] | Construction documentation is complete | (yes/no) <input type="checkbox"/> No |
| 12.1.3 | Interests of agents | |
| [2.4] | Details: N/A | |
| 12.1.4 | Defined works area | |
| [3.1] | Details: The area of the works to be occupied by the contractor , any restrictions on the area and the limit of access or exit will be pointed out to the tenderers by the principal agent at the pre-tender site inspection. | |
| 12.1.5 | Geotechnical investigation | |
| [3.2] | Details: N/A | |
| 12.1.6 | Existing premises occupied | |
| [3.4] | Specific requirements: N/A | |
| 12.1.7 | Previous work – dimensional accuracy | |
| [3.5] | Details: N/A | |
| 12.1.8 | Previous work – defects | |
| [3.6] | Details: N/A | |
| 12.1.9 | Services – known | |
| [3.7] | Details: Services not indicated on drawings will be pointed out on site by the principal agent. | |
| 12.1.10 | Protection of trees | |

| | | | |
|--------------------|--|----------|---|
| [3.9] | Specific requirements: Specific plants to be relocated will be pointed out to the contractor before site clearance takes place. | | |
| 12.1.11 [3.11] | Inspection of adjoining properties Specific requirements: All adjacent buildings, municipal roads, kerbs, paving, etc, shall be inspected before the commencement of the works and all existing defects recorded and a photographic record shall be kept. | | |
| 12.1.12 [6.2] | Enclosure of the works Specific requirements: The contractor must make provision for fencing the contractor's yard/camp site with a suitable fence at least 1,8m high with lockable access gates, which must be maintained during the construction period and removed on completion of the works . | | |
| 12.1.13 [6.4.3] | Offices Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent , minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times | | |
| 12.1.14 [6.5] | Main notice board Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 2.75 x 3.7m as per the specification and the drawing annexed to these bills of quantities for tender purposes, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. | | |
| 12.1.15 [6.6] | Subcontractors' notice board A notice board is required Specific requirements: None | (yes/no) | <input type="text" value="No"/> |
| 12.1.16 [7.2] | Water Option A (by contractor) Option B (by employer – free of charge) Option C (by employer – metered) | (yes/no) | <input type="text" value="Yes"/> <input type="text" value="No"/> <input type="text" value="No"/> |
| 12.1.17 [7.3] | Electricity Option A (by contractor) Option B (by employer – free of charge) Option C (by employer – metered) | (yes/no) | <input type="text" value="Yes"/> <input type="text" value="No"/> <input type="text" value="No"/> |
| 12.1.18 [7.4] | Telecommunications Telephone Facsimile E-mail | (yes/no) | <input type="text" value="Yes"/> <input type="text" value="No"/> <input type="text" value="Yes"/> |
| 12.1.19 [7.5] | Ablution facilities Option A (by contractor) Option B (by employer) | (yes/no) | <input type="text" value="Yes"/> <input type="text" value="No"/> |

| | | | | |
|--------------------------|--|---|---|---|
| 12.1.20 [11.2] | Protection of existing/sectionally occupied works Protection is required | (yes/no) <input type="text" value="Yes"/> | R | c |
| 12.1.21 [9.2] | Special attendance Subcontractor (1) details: N/A Subcontractor (2) details: N/A Subcontractor (3) details: N/A Subcontractor (4) details: N/A | | | |
| 12.1.22 [11.1] | Protection of the works Specific requirements: None | | | |
| 12.1.23 [11.5] | Disturbance Specific requirements: The contractor shall exercise dust and sand control by watering the site regularly and/or by using any other suitable measures such as providing, erecting and removing on completion of the works all necessary temporary dust screens, all to the satisfaction of the principal agent . | | | |
| 12.1.24 [11.6] | Environmental disturbance Specific requirements: N/A | | | |
| 12.2 12.2.1 [10.2] | POST-TENDER INFORMATION Payment of preliminaries Option A (prorated) | (yes/no) <input type="text" value="Yes"/> | | |
| | Option B (calculated) | (yes/no) <input type="text" value="No"/> | | |
| 12.2.2 [10.3] | Adjustment of preliminaries Option A (three categories) | (yes/no) <input type="text" value="Yes"/> | | |
| | Option B (detailed breakdown) | (yes/no) <input type="text" value="No"/> | | |
| 12.2.3 | Additional agreed preliminaries items Details: | | | |

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

C1.0

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 understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

Fixed: _____ Value related: _____ Time related: _____
Item

C2.0

GENERAL PREAMBLES

The items in the **bills of quantities / lump sum document** are to be read and priced in conjunction with, and the descriptions regarded as amplified by, the "Model Preambles for Trades 2008" as published by the Association of South African Quantity Surveyors, and no claim arising from the brevity of descriptions of items fully described in the said Model Preambles for Trades will be entertained.

The Department of Public works Specification of Materials and Methods to be used (PW371 – 4th Revision Oct 1993) shall apply to the works.

Fixed: _____ Value related: _____ Time related: _____
Item

C3.0

TRADE NAMES

Wherever a trade name for any product has been described in the **bills of quantities / lump sum document**, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for

Fixed: _____ Value related: _____ Time related: _____
Item

C4.0

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.

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

C5.0 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: _____
N/A

C6.0 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: _____
N/A

C7.0 ENTRANCE PERMITS TO SECURITY AREAS

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

Fixed: _____ Value related: _____ Time related: _____
N/A

C8.0 SECURITY CHECK OF PERSONNEL

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

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

Fixed: _____ Value related: _____ Time related: _____
N/A

C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS

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

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

Fixed: _____ Value related: _____ Time related: _____
N/A

C10.0

OCCUPATIONAL HEALTH AND SAFETY ACT

The **contractor** shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

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 A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. 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, as well as the clauses that follow hereafter and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced under these clauses and no additional claims in this regard shall be entertained

Fixed: _____ Value related: _____ Time related: _____
Item

C10.1

OCCUPATIONAL HEALTH AND SAFETY

Preparation of contractor's site specific health and safety plan

Fixed: _____ Value related: _____ Time related: _____
Item

C10.2

OCCUPATIONAL HEALTH AND SAFETY

Principal contractor's initial obligations in respect of the Health and Safety Act and Construction Regulations

Fixed: _____ Value related: _____ Time related: _____
Item

C10.3

OCCUPATIONAL HEALTH AND SAFETY

Principal contractor's time related obligations in respect of the Health and Safety Act and Construction Regulations

Fixed: _____ Value related: _____ Time related: _____
Item

C10.4

PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)

Provision of reflective vests

Fixed: _____ Value related: _____ Time related: _____
Item

| | |
|--------|---|
| C10.5 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of hard hats Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.6 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of protective footwear Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.7 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of earplugs Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.8 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of dust masks Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.9 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of gloves Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.10 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of high visibility overalls to SARTSM Chapter 13 Level 3 Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.11 | PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) Provision of SANS approved ear defenders Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.12 | OCCUPATIONAL HEALTH AND SAFETY Provision of full time construction health and safety officer Fixed: _____ Value related: _____ Time related: _____ Item |

| | |
|--------|---|
| C10.13 | OCCUPATIONAL HEALTH AND SAFETY Medical certificates and medical surveillance including initial (baseline) medical examinations, periodic examinations and exit examinations Fixed: _____ Value related: _____ Time related: _____ Item |
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| C10.15 | OCCUPATIONAL HEALTH AND SAFETY Provision of first aid boxes to GSR requirements Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.16 | OCCUPATIONAL HEALTH AND SAFETY Noise monitoring including establishment of noise zones (plant), audiograms (personnel), etc Fixed: _____ Value related: _____ Time related: _____ Item |
| C10.17 | OCCUPATIONAL HEALTH AND SAFETY Submission of health and safety file Fixed: _____ Value related: _____ Time related: _____ Item |

C11.0

TARGETED LOCAL LABOUR

It is the requirement of the Client that the contractor enhances the number and range of people employed on the project. This is required to be done through the use of both traditional and labour intensive construction techniques.

The **contractor** shall comply with the following targets with regard to the employment of local labour:

- All unskilled labour to be employed on the project must be local labour,
- Contractor to endeavour to employ local semi-skilled and skilled labour,
- Local labour to be employed on the project to be residents from geographic area of the Local Municipality within which each school is situated or,
- the geographic area excluding the Local Municipality, which falls under the jurisdiction of the District Municipality.
- Preference shall be granted to competent labour residing within the Local Municipality above labour residing in the District Municipality.
- Refer C4 Site Information for Local and District Municipalities applicable to each school.

The **contractor** is to submit to the principal agent details of his plan to achieve this aspect, within five working days of being instructed to do so, where after it must be implemented. Should the contractor fail to implement this requirement as indicated above, the contractor shall be liable to the employer for the payment of a penalty amount equal to 2% of the financial value that should have been achieved for this target.

Suitable monthly reports to substantiate compliance with the above requirements shall be submitted by the **contractor** to the **Principal Agent**.

Fixed: _____ Value related: _____ Time related: _____

Item

C12.0

USE OF LOCAL EME's AND QSE's

It is the requirement of the **employer** that the **contractor** enhances the use of EME's and QSE's, as described in the Contract Data, on the project.

The contractor shall employ EME's and QSE's as domestic subcontractors on this project to execute work to the minimum value of **30%** of the contract value (excluding preliminaries and any allowances for contingencies, CPAP and direct contractors or consultants of the Employer).

The Targeted Local Labour requirements described elsewhere shall apply *mutatis mutandis* to the employment of EME's and QSE's.

The **contractor** is to submit to the principal agent details of his plan to achieve this aspect, within five working days of being instructed to do so, whereafter it must be implemented. Should the contractor fail to implement this requirement as indicated above, the contractor shall be liable to the employer for the payment of a penalty amount equal to 2% of the financial value that should have been achieved for this target.

Suitable monthly reports to substantiate compliance with the above requirements shall be submitted by the **contractor** to the **Principal Agent**.

Fixed: _____ Value related: _____ Time related: _____

N/A

C13.0

USE OF LOCAL BUILDING MATERIALS

Preference shall be given to the supply of materials produced or manufactured in the Eastern Cape Province, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371-A specification
- (b) The availability of such materials shall not adversely affect the desired progress of the specific works
- (c) The use of such materials shall not constitute grounds for any claim for increased cost in respect thereof
- (d) Materials of at least **10%** of the contract value (excluding preliminaries and any allowances for contingencies, CPAP and direct contractors or consultants of the Employer) to be sourced from within 150km of the project site
- (e) Materials of at least **20%** of the contract value (excluding preliminaries and any allowances for contingencies, CPAP and direct contractors or consultants of the Employer) to be sourced from within 400km of the project site

Suitable monthly reports to substantiate compliance with the above requirements shall be submitted by the **contractor** to the **Principal Agent**.

Fixed: _____ Value related: _____ Time related: _____
N/A

C14.0

REPORTING BY CONTRACTOR

The **contractor** is required to complete the mandatory monthly contractor's report which is to be submitted together with the contractor's payment certificate.

Payment to contractor shall be subject to the aforementioned being submitted timeously and accurately.

Fixed: _____ Value related: _____ Time related: _____
Item

C15.0

COMMUNITY LIAISON OFFICER

C15.1

Provide the amount of R 60 000.00 for a Community Liaison Officer (CLO) to be appointed for 6 months .

Fixed: _____ Value related: _____ Time related: _____
Item

C15.2

Profit and attendance on above item.

Fixed: _____ Value related: _____ Time related: _____
Item

C15.3

Allow for extra cost involved in the employment of a Community Liaison Officer (CLO) in respect of the site office.

Fixed: _____ Value related: _____ Time related: _____
Item

**SECTION 1
PRELIMINARIES**

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SECTION 1: PRELIMINARIES
CARRIED TO FINAL SUMMARY

R

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| Category: Fixed R | | |
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| Category: Time R | | |

SECTION NO. 2
REPAIRS AND RENOVATIONS

| | | Unit | Quantity | Rate | Amount |
|---|---|----------------|----------|------|--------|
| <u>SECTION NO. 2</u> | | | | | |
| <u>REPAIRS AND RENOVATIONS</u> | | | | | |
| <u>BILL NO. 1</u> | | | | | |
| <u>ALTERATIONS</u> | | | | | |
| <u>ALTERATIONS, DEMOLITIONS, ETC.</u> | | | | | |
| For Preambles see "PW 371 - A Edition 2.0 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (2nd Edition July 2013) | | | | | |
| <u>REMOVAL OF EXISTING WORK</u> | | | | | |
| <u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement</u> | | | | | |
| 1 | 110mm Thick surface beds in patches | m ² | 234 | | |
| <u>Breaking down and removing brickwork etc</u> | | | | | |
| 2 | 140mm Block wall | m ² | 99 | | |
| <u>Taking out and removing doors, windows, etc from brickwork to be demolished</u> | | | | | |
| 3 | Framed, ledged and braced single door and frame size 813 x 2032mm high. | No | 23 | | |
| <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u> | | | | | |
| 4 | Suspended ceiling comprising lay-in mineral board tiles and metal tee-grid system. | m ² | 1 200 | | |
| 5 | Roof tile sheeting in patching. | m ² | 296 | | |
| <u>Taking down and removing fascias, bargeboards, gutters, rainwater pipes, etc:</u> | | | | | |
| 6 | Fascias and bargeboards. | m | 408 | | |
| 7 | 125mm eaves gutter. | m | 304 | | |
| 8 | 80mm rainwater pipes including fittings, brackets, etc. | m | 14 | | |
| <u>Taking out and removing sundry joinery work, fittings, etc, including making good holes in plaster, brick walls, timber, etc:</u> | | | | | |
| 9 | Steel chalkboard 4800 x 1200mm high including preparing brickwork for new chalkboard (elsewhere). | No | 20 | | |
| Carried to Collection | | | | R | |
| Section No. 2 | | | | | |
| Bill No. 1 | | | | | |
| Alterations | | | | | |

| | | Unit | Quantity | Rate | Amount |
|----|---|----------------|----------|------|--------|
| | <u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc:</u> | | | | |
| 10 | 30mm Granolithic from concrete floors. | m ² | 304 | | |
| 11 | Internal plaster from walls. | m ² | 130 | | |
| 12 | External plaster from walls. | m ² | 38 | | |
| | <u>Taking out and removing broken glass from windows including cleaning out rebates and preparing for new glass:</u> | | | | |
| 13 | Glass from steel windows. | m ² | 160 | | |
| | <u>MAKING GOOD OF FINISHES, ETC</u> | | | | |
| | <u>Making good face brickwork:</u> | | | | |
| 14 | Faces of walls, including removing damaged blocks and replacing with new to match existing. | m ² | 10 | | |
| | <u>PREPARATORY WORK, MAKING GOOD, ETC TO EXISTING</u> | | | | |
| | <u>Prepatory work to existing surfaces:</u> | | | | |
| 15 | Examining roof tile coverings, including ridge cappings and securing loose roofing screws, replacing missing or defective screws and/or washers with approved fasteners and washers, making good bolt holes with approved sealant to render watertight, and sealing all overlapping of sheeting with approved sealant. | m ² | 2 463 | | |
| 16 | Extra over last for removing damaged or defective tiles and replacing with new tiles to match existing. | m ² | 10 | | |
| | <u>SERVISING OF AND REPAIRS TO GALVANISED STEEL WINDOWS</u> | | | | |
| | <u>Cleaning, servicing, overhauling and adjusting opening sashes/ventilators, etc of galvanised steel windows and doors including hinges, friction pivots, spring catches, casement fasteners, sliding and fanlight stays, barrel bolts, etc as necessary and leave in working order to open and close freely and properly, including new screws for refixing existing ironmongery as necessary:</u> | | | | |
| 17 | Windows with top hung or centre pivot sashes. | No | 140 | | |
| 18 | Roller shutter door size 1200 x 1200mm high. | No | 1 | | |
| | Carried to Collection | | | R | |
| | Section No. 2 | | | | |
| | Bill No. 1 | | | | |
| | Alterations | | | | |

BILL NO. 1
ALTERATIONS
COLLECTION

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Amount

Carried To Section Summary

R

Section No. 2
Bill No. 1
Alterations

| | Unit | Quantity | Rate | Amount |
|--|----------------|----------|------|--------|
| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 2</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>25 MPa/19mm concrete</u> | | | | |
| 1 In making good of existing surface bed on verandas. | m ³ | 10 | | |
| Carried To Section Summary | | | R | |
| Section No. 2 Bill No. 2 Concrete, Formwork And Reinforcement | | | | |

| | Unit | Quantity | Rate | Amount |
|--|------|----------|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>REPAIRS AND RENOVATIONS</u></p> <p><u>BILL NO. 3</u></p> <p><u>MASONRY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions:</u></p> <p>Where sizes in descriptions are given in brick units, 'one brick' shall represent the length and 'half brick' the width of a brick.</p> <p><u>Hollow walls etc:</u></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.</p> <p><u>Bagged and sealed walls:</u></p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats 'Flintkote 3' or equal and approved bitumen emulsion waterproof coating.</p> <p><u>Face bricks:</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour.</p> <p><u>Pointing:</u></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.</p> <p><u>Wire Ties:</u></p> <p>Walls in thicknesses of more than one skin (one brick walls and cavity walls) shall have at least nine wire ties per m². Wire ties shall be galvanised steel "Butterfly" type and of sufficient length to allow not less than 75mm of each end to be built into brickwork.</p> <p>Additional ties every 4th course (340mm) at sides of openings and discontinuities in masonry.</p> <p><u>SAMPLES</u></p> <p>Samples of all masonry building units, except those for walls described as 'load bearing', shall consist of a minimum of 6 units. Samples of building units to be used in walls described as 'load bearing' shall consist of 30 units from every 30 000 units delivered to site.</p> | | | | |
| Carried to Collection | | | R | |
| Section No. 2 | | | | |
| Bill No. 3 | | | | |
| Masonry | | | | |

[illegible]

| | | Amount | |
|---|---------------------------|------------|--|
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| | | Unit | Quantity | Rate | Amount |
|---|---|------|----------|------|--------|
| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 4</u> <u>WATERPROOFING</u> <u>WATERSTOPS, JOINT SEALANTS, ETC.</u> | | | | | |
| 1 | 10 x 10mm (Nominal) joint sealant around window frames and door frames, pointed with Type 2 two-component polysulphide base gun-grade joint sealing compound, including raking out joint material, bond breaker and primer. | m | 655 | | |
| Carried To Section Summary | | | | R | |
| Section No. 2 Bill No. 4 Waterproofing | | | | | |

| | Unit | Quantity | Rate | Amount |
|--|----------------|----------|------|--------|
| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 5</u> <u>ROOF COVERINGS</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Roof coverings:</u> <p>The roof sheeting system is to be installed in strict accordance with the Manufacturer's and/or Supplier's specifications.</p> <p>Fixing of all roof sheeting is to be in accordance with the Manufacturer's approved instruction book.</p> <p>The Manufacturer shall comply with ISO9002 Quality Management System.</p> <p>A written and approved five year guarantee of the site workmanship and watertightness shall be issued after final inspection of the roofing by the Manufacturer.</p> <u>Cold bitumen emulsion</u> <u>0.60mm IBR 686 profile ZincAl AZ150 spelter ColorPlus coated one side G550 steel roof sheeting in single lengths and accessories fixed in strict accordance with manufacturer's instructions to timber purlins at not exceeding 1500mm centres:</u> | | | | |
| 1 | m ² | 203 | | |
| Roof covering with pitch not exceeding 25° in transportable lengths not exceeding 20m. | | | | |
| 2 | m | 23 | | |
| Ridge capping 462mm girth, three times bent along girth. | | | | |
| <u>ROOF INSULATION</u> <u>'Sisalation 420' or similar approved heavy industrial grade aluminium foil based insulation:</u> | | | | |
| 3 | m ² | 162 | | |
| Insulation laid taut over timber rafters at not exceeding 1500mm centres under timber purlins with minimum 150mm end laps sealed with aluminium adhesive tape and fixed concurrent with roof covering including galvanised steel straining wires, etc. | | | | |
| Carried To Section Summary | | | R | |
| Section No. 2 | | | | |
| Bill No. 5 | | | | |
| Roof Coverings | | | | |

| | Unit | Quantity | Rate | Amount |
|---|------|----------|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>REPAIRS AND RENOVATIONS</u></p> <p><u>BILL NO. 6</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturer's as approved by the Architect.</p> <p>Prices must include for all cross and windbracing according to the manufacturer's instruction.</p> <p>Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.</p> <p>Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle.</p> <p>Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber.</p> <p>The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints.</p> <p>In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralising paint.</p> | | | | |
| Carried to Collection | | | R | |
| <p>Section No. 2</p> <p>Bill No. 6</p> <p>Carpentry And Joinery</p> | | | | |

| | Unit | Quantity | Rate | Amount |
|---|------|----------|------|--------|
| <p><u>Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements: (a) The Manufacturer of the prefabricated trusses shall hold a certificate of competence issued by the Insitute for Timber Construction. (b) A polyester print, size A1 having a minimum thickness of 0,5mm, shall be submitted by the Contractor to the Regional Representative at an early stage for approval by the Directorate: Structural Engineering Services. © The drawings shall be signed by a Registered Professional Engineer whose name appears on the Departmental panel for structural work. (d) In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender. The following minimum information shall be shown on the drawings:</u></p> <p><u>(a) Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations. (b) Bracing as recommended by the Institute for Timber Construction. (c) Sizes and grading of the timber components. (d) Truss sizes, e.g. height of ridge or angle of pitch. (e) Plate sizes for every construction point. (Code numbers only are deemed insufficient). (f) Seperate connection details for hip, valley and jack rafters. (g) Maximum spacing for purlins and brandering to ceilings shall be according to Subclauses 7.6.1 and 7.6.2 and Clauses 7.8, 7.9 and 9.5. (h) The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative / Agent, the Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that: 'The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual 'THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES' issued by the National Timber Research Institute and the Institute for Timber Construction'.</u></p> <p><u>Joinery: Descriptions of hardwood joinery shall be deemed to include pelleting heads and nuts of bolts.</u></p> <p><u>Fixing: Items described as 'nailed' shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete. Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres in brickwork or concrete. Where items are described as 'bolted' the bolts have been measured elsewhere.</u></p> | | | | |
| Carried to Collection | | | R | |
| Section No. 2 | | | | |
| Bill No. 6 | | | | |
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| | Unit | Quantity | Rate | Amount |
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| <p><u>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</u></p> <p>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturer's as approved by the Architect.</p> <p>Prices must include for all cross and windbracing according to the manufacturer's instruction. Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.</p> <p>Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle. Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber.</p> <p>The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints.</p> <p>In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralising paint.</p> | | | | |
| Carried to Collection | | | R | |
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| | Unit | Quantity | Rate | Amount |
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| <p><u>Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements:</u> (a) <u>The Manufacturer of the prefabricated trusses shall hold a certificate of competence issued by the Insitute for Timber Construction.</u> (b) <u>A polyester print, size A1 having a minimum thickness of 0,5mm, shall be submitted by the Contractor to the Regional Representative at an early stage for approval by the Directorate: Structural Engineering Services.</u> (c) <u>The drawings shall be signed by a Registered Professional Engineer whose name appears on the Departmental panel for structural work.</u> (d) <u>In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender.</u></p> <p><u>The following minimum information shall be shown on the drawings:</u></p> <p>(a) <u>Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations.</u></p> <p>(b) <u>Bracing as recommended by the Institute for Timber Construction.</u></p> <p>(c) <u>Sizes and grading of the timber components.</u></p> <p>(d) <u>Truss sizes, e.g. height of ridge or angle of pitch.</u></p> <p>(e) <u>Plate sizes for every construction point. (Code numbers only are deemed insufficient).</u></p> <p>(f) <u>Seperate connection details for hip, valley and jack rafters.</u></p> <p>(g) <u>Maximum spacing for purlins and brandering to ceilings shall be according to Subclauses 7.6.1 and 7.6.2 and Clauses 7.8, 7.9 and 9.5.</u></p> <p>(h) <u>The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative / Agent, the Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that: 'The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual 'THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES' issued by the National Timber Research Institute and the Institute for Timber Construction'.</u></p> <p><u>Joinery:</u></p> | | | | |
| Carried to Collection | | | R | |
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| | | Unit | Quantity | Rate | Amount |
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| | <p><u>Descriptions of hardwood joinery shall be deemed to include pelleting heads and nuts of bolts.</u></p> <p><u>Fixing:</u></p> <p><u>Items described as 'nailed' shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</u></p> <p><u>Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres in brickwork or concrete.</u></p> <p><u>Where items are described as 'bolted' the bolts have been measured elsewhere.</u></p> <p><u>ROOFS, ETC</u></p> <p><u>Sawn softwood:</u></p> <p>1 38 x 114mm Wall plate.</p> <p>2 38 x 114mm Longitudinal Bracing.</p> <p>3 50 x 76mm Cross Bracing.</p> <p><u>Wrought softwood grade 5:</u></p> <p>4 38 x 228mm Gang boarding (Provisional).</p> <p><u>'Glulam' Laminated softwood grade 7:</u></p> <p>5 114 x 222mm Beam.</p> <p><u>Sawn Softwood grade 5:</u></p> <p>6 50 x 76mm Purlins (provisional).</p> <p><u>Wrought softwood:</u></p> <p>7 50 x 76mm Bearer fascia support (Provisional).</p> <p><u>Sundries:</u></p> <p>8 MiTek® eCo Hurricane clip between truss and purlin or equal and approved (Provisional).</p> | | | | |
| | | m | 36 | | |
| | | m | 18 | | |
| | | m | 9 | | |
| | | m | 36 | | |
| | | m | 21 | | |
| | | m | 216 | | |
| | | m | 36 | | |
| | | No | 240 | | |
| | Carried to Collection | | | R | |
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| | <u>PLATE NAILED TIMBER ROOF TRUSS CONSTRUCTION, ETC</u> | | | | |
| | <u>Note: Tenderers are referred to the Architects roof plan drawings annexed to these bills of quantities / accompanying these bills of quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design.</u> | | | | |
| 9 | Double pitch roof truss (22.5 degree) with 8900mm span, 1800mm eaves overhang on one side and 600mm overhang both ends including brackets, cleats, etc. | No | 20 | | |
| | <u>EAVES, VERGES, ETC</u> | | | | |
| | <u>Medium density fibre-cement board:</u> | | | | |
| 10 | 22 x 228mm Fascia board drilled to roof timbers with brass screwed to 38 x 50 x 114mm softwood blocking pieces including 'Chromaprep' H-profile jointing strips, etc. | m | 391 | | |
| 11 | 22 x 275mm Barge board drilled roof timbers with brass screwed to 38 x 50 x 114mm softwood blocking pieces including 'Chromaprep' H-profile jointing strips, etc. | m | 150 | | |
| | <u>Wrot hardwood :</u> | | | | |
| 12 | 44mm Thick framed, ledged, braced and battened door size 813 x 2032mm high, comprising 44 x 144mm stiles and top rail, 22 x 150mm middle rail, 22 x 230mm bottom rail and 2 No. 22 x 75mm diagonal braces and filled flush on one side between framing with 22mm thick tongued, grooved and V-jointed both sides vertical boarding in narrow matched widths and fitted with and including 44 x 70mm splayed and rebated weatherboard, countersunk brass screwed on at maximum 200mm centres. | No | 23 | | |
| | <u>FRAMED FRAMES, ETC</u> | | | | |
| | <u>Skirtings</u> | | | | |
| 13 | 19 x 60mm Wrought meranti hardwood hollow-backed skirting plugged to wall, with 19mm matching quadrant bead at junction with floor. | m | 726 | | |
| | <u>Wrot Meranti</u> | | | | |
| 14 | 20 44 x 108mm Splayed and rebated weatherboard, screwed to and including groove in door with heads of screws sunk and pelleted. | m | 23 | | |
| | Carried to Collection | | | R | |
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| | Carpentry And Joinery | | | | |

| | | Unit | Quantity | Rate | Amount |
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| <u>SCHOOL FURNITURE</u> | | | | | |
| The school furniture shall comply with the "School Furniture Specification" annexed to these bills of quantities for tender purposes. | | | | | |
| The descriptions of the items are intended as a means of identifying and locating the items only and are not intended as full descriptions and specifications of the items. Tenderers are to refer to the respective furniture items as detailed in the "School Furniture Specification" accompanying these Bills of Quantities for tender purposes. | | | | | |
| Prices must include for supply and delivery to site as well as unloading, assembling and placing in position. | | | | | |
| <u>Grade 8 to 12 Classroom:</u> | | | | | |
| 15 | Double combination secondary school desk 1061 x 820 x 757mm high | No | 440 | | |
| 16 | Teacher's classroom desk 1611 x 910 x 750mm high including two drawers. | No | 22 | | |
| 17 | Teacher upholstered stackable steel frame chair 545 x 570 x 870mm high | No | 22 | | |
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COLLECTION

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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 7</u> <u>CEILINGS PARTITIONS AND ACCESS FLOORING</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>Note:</u> <u>NAILED- UP AND SCREW- UP CEILINGS</u> <u>6,4mm Gypsum plasterboard ceilings with H-Profile galvanised steel jointing strips with all nail or screw heads stopped and sanded level:</u> | | | | |
| 1 | Ceilings including 38 x 50mm sawn softwood brandering at 400mm centres in one direction, at ends of sheets and at light fittings, etc. | m ² | 1 350 | |
| <u>Trap doors</u> | | | | |
| 2 | Extra over ceiling for size 1000 x 1000mm hinged trap door of wrought softwood rebated framing with one sawn softwood cross brander covered with ceiling board and fitted flush in opening, including all necessary trimmers around, etc. | No | 23 | |
| <u>CORNICES</u> | | | | |
| 3 | 75mm 'Gyproc Rhino' Coved cornices. | m | 726 | |
| <u>INSULATION</u> | | | | |
| 4 | 100mm Non-combustible lightweight polyurethane insulation in blanket form (1,81 R-value) closely fitted and laid on top of brandering between roof timbers. | m ² | 1 350 | |
| Carried To Section Summary | | | R | |
| Section No. 2 | | | | |
| Bill No. 7 | | | | |
| Ceilings Partitions And Access Flooring | | | | |

| | Unit | Quantity | Rate | Amount |
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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 8</u> <u>FLOOR COVERINGS</u> <u>FLOOR COVERINGS, ETC.</u> <u>Fixing:</u> Floor coverings, wall linings, etc shall be fixed and installed in accordance with the manufacturer's instructions. <u>FLOOR COVERINGS</u> <u>300 x 300 x 2mm Thick 'FloorworX Superflex' or equal and approved fully-flexible vinyl floor tiles fixed with approved water based acrylic adhesive:</u> | | | | |
| 1 On floors | m ² | 160 | | |
| <u>POLISH, SEALERS, ETC</u> <u>Scrubbing with diluted neutral detergent complying with SANS 825, rinsing, drying and applying three coats water-based floor dressing complying with SANS 1032:</u> | | | | |
| 2 On vinyl flooring. | m ² | 160 | | |
| Carried To Section Summary | | | R | |
| Section No. 2 Bill No. 8 Floor Coverings | | | | |

| | Unit | Quantity | Rate | Amount |
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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 9</u> <u>IRONMONGERY</u> <u>IRONMONGERY</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Finishes to ironmongery:</u> Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered: CH Chromium plated: SC Satin chromium plated: SE Silver enamelled: GE Grey enamelled: AS Anodised silver: AB Anodised bronze: AG Anodised gold: ABL Anodised black: PB Polished brass: PL Polished and lacquered : PT Epoxy coated. <u>Descriptions:</u> Descriptions of ironmongery shall be deemed to include for fixing to wood, aluminium and steel. Therefore the contractor shall be required to supply an equally approved product of no lessor quality to the architect for approval as sample of Materials to be used on site <u>HINGES, BOLTS, ETC</u> <u>Double washered butt hinges:</u> 1 100 x 75mm Brass(code H032) or equal and approved heavy duty butt hinge with brass pin and stainless steel washers. No 69 <u>LETTERS, NAMEPLATES, ETC</u> <u>3mm Thick x 32mm high clear perspex signs with white painted numerals or letters, countersunk tap screwed to steel door frame</u> 2 Door number plate with two numerals. No 23 <u>SUNDRIES</u> 3 38mm Diameter rubber door stop. No 23 4 40mm Diametr x 3mm thick clear perspex key tag with balck painted background with 10mm high reverse engraved and white painted Helvetica or similar approved Medium numerals holed for and fitted with 22mm diameter split key ring. No 23 <div style="text-align: right;">Carried to Collection</div> <div style="text-align: right;">R</div> Section No. 2 Bill No. 9 Ironmongery | | | | |
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| | <u>Locksets, etc. provided with two keys and to be masterkeyed</u> | | | | |
| 5 | 'Assa Abloy' CZ6922452SC or similar approved Three-lever lockset. | No | 23 | | |
| | <u>STEEL LOCKERS, ETC</u> | | | | |
| | <u>Epoxy powder coated Steel stationery cubinets with two doors, adjustable shelving:</u> | | | | |
| 6 | 900 x 450 x 1800mm High stationary cabinet with four reinforced shelves and chrome plated door handle with three pont locking mechanism. | No | 22 | | |
| | <u>PINNING , WRITING BOARDS, ETC</u> | | | | |
| | <u>Wall mounted green steel chalkboard complying with CKS-36-1980 or equivalent code of practice, complete with chalk rail as one unit fixed to wall strictly according to manufacturers instruction:</u> | | | | |
| 7 | Vitreous enamel steel wall mounted size 4800 x 2100mm high complete with integral anodised aluminium chalk rail, plugged. | No | 22 | | |
| | <u>Carpet type pinning boards in aluminium frame with round plastic corners, pen tray and fixing component all fixed according to manufacturer's instruction:</u> | | | | |
| 8 | Standard wall mounted pinning board size 1200 x 1500mm long (Code 2307D) with 'Belgotex Colour-Rib' surface or equal and approved, in natural anodised aluminium frame, plugged. | No | 22 | | |
| Carried to Collection | | | | R | |
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| <u>BILL NO. 9</u> <u>IRONMONGERY</u> <u>COLLECTION</u> | Page No | |
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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 10</u> <u>METALWORK</u> <u>METALWORK</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions:</u> Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in in brickwork or concrete. <u>Items described as 'holed for bolt (s)' shall be deemed to exclude the bolts unless otherwise described.</u> <u>Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres.</u> <u>GALVANISED STEEL GATES, SCREENS, ETC</u> <u>Welded screens and gates</u> | | | | | |
| 1 | Single gate size 1080mm wide x 2100mm high formed of 50 x 50 x 2mm hollow section frame and two transomes, filled in with 10mm diameter diagonal bars at 100mm centres and fitted with a pair of suitable hinges bolted to wall and with 200mm locking bolt welded on and including M16 x 95mm galvanised coach screws. | No | 25 | | |
| <u>GALVANIZED STEEL DOOR FRAMES</u> <u>1,2mm Double reabated frames suitable for one brickwall:</u> | | | | | |
| 2 | Frame for door 813 x 2031mm high. | No | 25 | | |
| Carried To Section Summary | | | | R | |
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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 11</u> <u>PLASTERING</u> <u>PLASTERING</u> <u>SCREEDS</u> <u>3:1 Cement plaster screeds (Class 1) steel trowelled, on concrete:</u> | | | | | |
| 1 | 30mm Thick screed torowelled on concrete floors. | m ² | 340 | | |
| 2 | 40mm Thick screed to falls. | m ² | 120 | | |
| <u>INTERNAL PLASTER</u> <u>4:1 Cement plaster steel trowelled, on brickwork, concrete blocks, etc</u> | | | | | |
| 3 | On walls in patches. | m ² | 2 092 | | |
| 4 | On narrow widths. | m ² | 682 | | |
| <u>EXTERNAL PLASTER</u> <u>4:1 Cement plaster wood floated, on brickwork, concrete blocks, etc.</u> | | | | | |
| 5 | On walls in patches. | m ² | 1 406 | | |
| 6 | On narrow widths. | m ² | 120 | | |
| <u>DIVIDING STRIPS, ETC</u> | | | | | |
| 7 | 30 x 3mm Flat section brass dividing strip set on edge in screed between different floor finishes | m | 25 | | |
| Carried To Section Summary | | | | R | |
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| Plastering | | | | | |

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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 12</u> <u>TILING</u> <u>TILLING</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing:</u> Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts as recommended by the manufacturer of the tiles. <u>FLOOR TILING</u> <u>Approved glazed non-slip ceramic floor tiles to match existing (prime cost R180.00/m²) fixed with adhesive to screeds (screeds elsewhere):</u> | | | | |
| 1 | m ² | 300 | | |
| 2 | m | 165 | | |
| <u>SUNDRIES</u> | | | | |
| 3 | m | 23 | | |
| 4 | m | 10 | | |
| Carried To Section Summary | | | R | |
| Section No. 2 | | | | |
| Bill No. 12 | | | | |
| Tiling | | | | |

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| <u>SECTION NO. 2</u> <u>REPAIRS AND RENOVATIONS</u> <u>BILL NO. 13</u> <u>PLUMBING AND DRAINAGE</u> <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing of pipes:</u> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include for fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level.</p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include for fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level.</p> <u>RAINWATER DISPOSAL</u> <u>'Marley Vynadeep' or equal and approved uPVC gutters and rainwater pipes:</u> | | | | | |
| 1 | 146 x 93mm Eaves gutters in single lengths fixed to fibre cement fascia with uPVC fascia brackets at 600mm centres. | m | 425 | | |
| 2 | Extra over eaves gutter for stopped end. | No | 10 | | |
| 3 | Extra over eaves gutter for outlet for 100 x 75mm pipe. | No | 10 | | |
| 4 | 80mm Rainwater pipes fixed to wall with and including UPVC straps at 1000mm centres. | m | 7 | | |
| 5 | Extra over rainwater pipe for bend. | No | 10 | | |
| 6 | Extra over rainwater pipe for shoe. | No | 10 | | |
| 7 | Extra over rainwater pipe for eaves offset 800mm projection. | No | 10 | | |
| <u>FIRE APPLIANCES, ETC</u> | | | | | |
| 8 | 4.5 Kg carbondioxide portable chemical fire bracket, extinguisher complete with full load, wall hook and bracket fixed to and including 25 mm Wrot Meranti backboard, size 250 x 500mm high with chamfered edges, varnish and fixed to wall. | No | 25 | | |
| Carried To Section Summary | | | | R | |
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| <p><u>SECTION NO. 2</u></p> <p><u>REPAIRS AND RENOVATIONS</u></p> <p><u>BILL NO. 15</u></p> <p><u>PAINTWORK</u></p> <p><u>PAINTWORK, ETC</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General:</u></p> <p>All work to be executed in strict accordance with the specifications of the paint manufacturer.</p> <p>Primers and first coats may be thinned in accordance with the paint specifications of the paint manufacturer to aid the absorption of the paint.</p> <p>All surfaces must be sound, clean and have a moisture content of less than 8% for walls generally and 3% for slabs/screeds etc.</p> <p><u>PREPARATORY WORK TO PREVIOUSLY PAINTED SURFACES</u></p> <p><u>Previously painted plastered surfaces:</u></p> <p>Surfaces shall be thoroughly sanded and washed down to remove dirt and other contaminants and allowed to dry completely before any paint shall be completely before any paint applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler, and sanded smooth. In the case of previously lime washed surfaces, completely remove all limewash if possible or at least wire brush and scrape down to achieve a 'grey state' exposure of the substrate and apply filler as indicated.</p> <p><u>Previously painted galvanised metal surfaces:</u></p> <p>Surfaces shall be thoroughly sanded and cleaned down to remove dirt and other contaminants and sanded lightly to provide a key for subsequent coats. Blistered or peeling paint shall be completely removed down to bare metal and any rust encountered shall be removed and bare metal areas cleaned with a suitable galvanised iron cleaner and spot primed with galvanised metal primer.</p> | | | | |
| Carried to Collection | | | R | |
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| Paintwork | | | | |

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| <u>PAINTWORK TO NEW WORK</u> | | | | | |
| <u>ON PLASTERBOARD SURFACES</u> | | | | | |
| <u>Prepare surfaces and apply one coat Plascon Professional Gypsum and Plaster Primer and two coats Plascon Professional Super Matt acrylic emulsion paint or similar approved:</u> | | | | | |
| 1 | On ceilings and cornices, including priming nail heads and cover strips. | m ² | 1 350 | | |
| <u>ON FIBRE-CEMENT BOARD SURFACES</u> | | | | | |
| <u>Prepare surfaces and apply one coat Plascon Bonding Liquid and two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u> | | | | | |
| 2 | On fascias and bargeboards, etc including priming jointing strips. | m ² | 162 | | |
| <u>ON FLOATED PLASTER SURFACES</u> | | | | | |
| <u>Prepare surfaces, spot prime with Plascon Professional Gypsum and Plaster Primer and apply two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u> | | | | | |
| 3 | On interior walls. | m ² | 2 774 | | |
| 4 | On exterior walls. | m ² | 1 526 | | |
| <u>ON METAL SURFACES</u> | | | | | |
| <u>Prepare surfaces and apply one coat Plascon Galvanised Iron Primer and two coats Plascon Velvaglo water-based enamel paint on galvanised steel or similar approved:</u> | | | | | |
| 5 | Gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area). | m ² | 52 | | |
| 6 | On door frames | m ² | 8 | | |
| <u>ON WOOD SURFACES</u> | | | | | |
| <u>Prepare surfaces and apply three coats Plascon Woodcare Exterior water-based varnish or similar approved:</u> | | | | | |
| 7 | On doors. | m ² | 76 | | |
| 8 | On roof timbers at eaves. | m ² | 25 | | |
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| | <u>Prepare surfaces and apply two coats Plascon Woodcare Interior water-based varnish or similar approved:</u> | | | | |
| 9 | On skirtings, rails, etc, not exceeding 300mm girth. | m | 726 | | |
| | <u>PAINTWORK, ETC TO PREVIOUSLY PAINTED SURFACES</u> | | | | |
| | <u>ON FLOATED PLASTER SURFACES</u> | | | | |
| | <u>Prepare surfaces, spot prime with Plascon Professional Gypsum and Plaster Primer and apply two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u> | | | | |
| 10 | On interior walls. | m ² | 10 | | |
| 11 | On exterior walls. | m ² | 10 | | |
| | <u>ON METAL SURFACES</u> | | | | |
| | <u>Prepare surfaces, spot prime with Plascon Metalcare Primer, apply one coat Plascon Professional All purpose Undercoat and two coats Plascon Velveglo water-based enamel paint or similar approved:</u> | | | | |
| 12 | On windows with burglar bars (both sides measured over full flat areas). | m ² | 424 | | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 1</u> <u>EARTHWORKS</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Nature of ground:</u> <p>The nature of the ground is assumed to be "sandy silt with sandstone cobbles", but possibly interspersed with "soft rock" or "hard rock".</p> <u>Carting away of excavated material:</u> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.</p> <u>Filling:</u> <p>Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material.</p> <u>Rock filling:</u> <p>Rock filling shall be crushed stone compacted in 250mm layers until no visual settlement occurs. Rock filling shall not be of single grading and no rocks shall exceed 250mm diameter.</p> <u>EXCAVATIONS</u> <u>Excavation in earth not exceeding 2m deep:</u> | | | | | |
| 1 | Trenches. | m ³ | 48 | | |
| 2 | Holes. | m ³ | 5 | | |
| 3 | Reduced levels under floors. | m ³ | 96 | | |
| 4 | Reduced levels under aprons, plinths, etc. | m ³ | 16 | | |
| <u>Extra over trench and hole excavations in earth for excavation in:</u> | | | | | |
| 5 | Soft rock. | m ³ | 33 | | |
| 6 | Hard rock. | m ³ | 17 | | |
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| | <u>Extra over all excavations for carting away (no allowance made for increase in bulk):</u> | | | | |
| 7 | Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor. | m ³ | 142 | | |
| | <u>Risk of collapse of excavations:</u> | | | | |
| 8 | Sides of trench and hole excavations not exceeding 1,5m deep. | m ² | 122 | | |
| | <u>Keeping excavations free of water:</u> | | | | |
| 9 | Keeping excavations free of all water other than subterranean water. | Item | | | |
| | <u>FILLING, ETC.</u> | | | | |
| | <u>Filling with selected earth filling obtained from the excavation and/or prescribed stock piles on site compacted to 95% Mod. AASHTO density:</u> | | | | |
| 10 | Backfilling to trenches, holes, etc. | m ³ | 24 | | |
| | <u>Filling with approved G7 material in accordance with SANS 1200 ME supplied by the Contractor and compacted to 95% Mod. AASHTO density:</u> | | | | |
| 11 | Under floors, etc. | m ³ | 39 | | |
| 12 | Under aprons, plinths, etc. | m ³ | 7 | | |
| | <u>Filling with approved G7 material supplied by the Contractor stabilised with 2% Portland blast furnace cement (by volume) and compacted to 95% Mod. AASHTO density:</u> | | | | |
| 13 | Under floors, etc. | m ³ | 39 | | |
| | <u>Coarse river sand filling supplied by the Contractor compacted to 98% Mod. AASHTO density:</u> | | | | |
| 14 | Under floors, etc. | m ³ | 13 | | |
| | <u>Compaction of surfaces:</u> | | | | |
| 15 | Compaction of ground surfaces under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density. | m ² | 369 | | |
| | <u>TESTS</u> | | | | |
| | <u>Prescribed density tests on filling:</u> | | | | |
| 16 | Modified AASHTO density test. | No | 3 | | |
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| <p><u>SECTION NO. 3</u></p> <p><u>ADMIN BLOCK</u></p> <p><u>BILL NO. 2</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Costs of tests:</u></p> <p>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 Engineer. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Engineer. (Test cubes are measured separately).</p> <p><u>Formwork:</u></p> <p>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.</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.</p> <p>Formwork to soffits of solid slabs, etc., shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.</p> <p>Formwork to sides of bases, pile caps, ground beams, etc., will only be measured where it is prescribed by the Engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in Earthworks.</p> <p><u>Movement joints:</u></p> <p>Formwork to edges of concrete at movement joints has been measured elsewhere, unless otherwise described.</p> | | | | |
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| <u>UNREINFORCED CONCRETE</u> | | | | | |
| <u>15Mpa/19mm Concrete:</u> | | | | | |
| 1 | Filling to cavities of hollow brick walls and piers in foundations. | m ³ | 3 | | |
| 2 | Filling to cavities of hollow brick walls. | m ³ | 2 | | |
| <u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u> | | | | | |
| <u>15Mpa/19mm Concrete:</u> | | | | | |
| 3 | Blinding under footings, bases, etc. | m ³ | 4 | | |
| <u>REINFORCED CONCRETE PARTLY CAST AGAINST EXCAVATED SURFACES</u> | | | | | |
| <u>25Mpa/19mm Concrete:</u> | | | | | |
| 4 | Filling to cavities of hollow brick walls and piers in foundations. | m ³ | 15 | | |
| <u>30Mpa/19mm Concrete:</u> | | | | | |
| 5 | Strip footings. | m ³ | 16 | | |
| 6 | Bases. | m ³ | 2 | | |
| <u>REINFORCED CONCRETE</u> | | | | | |
| <u>30Mpa/19mm Concrete:</u> | | | | | |
| 7 | Surface beds including thickenings. | m ³ | 28 | | |
| 8 | Aprons. | m ³ | 7 | | |
| 9 | Plinths. | m ³ | 2 | | |
| 10 | Slabs. | m ³ | 2 | | |
| <u>TEST CUBES</u> | | | | | |
| 11 | Making and testing set of three 150 x 150 x 150mm concrete strength test cubes. | Sets | 6 | | |
| <u>CONCRETE SUNDRIES</u> | | | | | |
| <u>Finishing top surfaces of concrete smooth with a wood float:</u> | | | | | |
| 12 | Surface beds, slabs, plinths, etc | m ² | 74 | | |
| <u>Finishing top surfaces of concrete smooth with a steel trowel:</u> | | | | | |
| 13 | Aprons to falls. | m ² | 47 | | |
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| | <u>Finishing top surface of concrete smooth with a wood float:</u> | | | | |
| 14 | Surface beds, slabs, etc. | m ² | 11 | | |
| | <u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u> | | | | |
| | <u>Rough formwork to sides:</u> | | | | |
| 15 | Edges, risers, ends and reveals not exceeding 300mm high or wide. | m | 88 | | |
| | <u>Rough formwork to soffits:</u> | | | | |
| 16 | Slabs propped up exceeding 1,5m and not exceeding 3.5m high. | m ² | 8 | | |
| | <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> | | | | |
| | <u>Smooth formwork to sides:</u> | | | | |
| 17 | Edges, risers, ends and reveals not exceeding 300mm high or wide. | m | 13 | | |
| 18 | Plinths. | m ² | 5 | | |
| | <u>MOVEMENT JOINTS ETC</u> | | | | |
| | <u>Expansion joints with bitumen impregnated soft board between vertical brick and concrete surfaces:</u> | | | | |
| 19 | 10mm Joints not exceeding 300mm high. | m | 218 | | |
| | <u>Vertical joggle construction joints through concrete, including necessary formwork and thick cement slurry to one face:</u> | | | | |
| 20 | Surface beds not exceeding 300mm thick. | m | 22 | | |
| | <u>Saw-cut joints:</u> | | | | |
| 21 | 3 x 30mm Saw-cut joints in top of concrete. | m | 56 | | |
| | <u>Two layers of 375 micron dampproof course in slip joints between horizontal concrete and brick surfaces including cement mortar bed:</u> | | | | |
| 22 | Not exceeding 300mm wide. | m | 13 | | |
| | <u>REINFORCEMENT</u> | | | | |
| | <u>Mild steel reinforcement to structural concrete work:</u> | | | | |
| 23 | 8mm Diameter bars. | Tonnes | 0.50 | | |
| | <u>High tensile steel reinforcement to structural concrete work:</u> | | | | |
| 24 | 12mm Diameter bars. | Tonnes | 0.25 | | |
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| 25 | 10mm Diameter bars. | Tonnes | 0.03 | | |
| | <u>Fabric reinforcement:</u> | | | | |
| 26 | Mesh Ref. No.100 fabric reinforcement in concrete aprons, plinths, etc. | m ² | 54 | | |
| 27 | Mesh Ref. No.193 fabric reinforcement in concrete surface beds, slabs, etc. | m ² | 259 | | |
| | <u>Mild steel reinforcement to structural concrete work:</u> | | | | |
| 28 | 12mm Diameter bars. | Tonnes | 0.03 | | |
| 29 | 10mm Diameter bars. | Tonnes | 0.03 | | |
| 30 | 8mm Diameter bars. | Tonnes | 0.03 | | |
| | <u>High tensile steel reinforcement to structural concrete work:</u> | | | | |
| 31 | 20mm Diameter bars. | Tonnes | 0.03 | | |
| 32 | 16mm Diameter bars. | Tonnes | 0.03 | | |
| 33 | 12mm Diameter bars. | Tonnes | 0.03 | | |
| 34 | 10mm Diameter bars. | Tonnes | 0.03 | | |
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| <u>BRICKWORK IN FOUNDATIONS</u> | | | | | |
| <u>Brickwork of NFX solid clay bricks in class II mortar:</u> | | | | | |
| 1 | Piers and pilasters. | m ³ | 1 | | |
| 2 | One brick walls including wire ties. | m ² | 2 | | |
| 3 | 270mm Hollow walls of two half brick skins including wire ties. | m ² | 40 | | |
| <u>BRICKWORK SUNDRIES</u> | | | | | |
| <u>Galvanised brick reinforcement:</u> | | | | | |
| 4 | 150mm Wide reinforcement built in horizontally in foundations. | m | 22 | | |
| 5 | 230mm Wide reinforcement built in horizontally in foundations. | m | 474 | | |
| <u>BRICKWORK IN SUPERSTRUCTURE</u> | | | | | |
| <u>Brickwork of NFP bricks in class II mortar:</u> | | | | | |
| 6 | Piers and pilasters. | m ³ | 3 | | |
| 7 | Half brick walls. | m ² | 98 | | |
| 8 | Half brick walls in beamfilling. | m ² | 12 | | |
| 9 | One brick walls including wire ties. | m ² | 39 | | |
| 10 | 270mm Hollow walls of two half brick skins including wire ties. | m ² | 201 | | |
| 11 | One and a half brick walls including wire ties. | m ² | 2 | | |
| <u>Brickwork of NFX solid clay bricks (14 Mpa nominal compressive strength) in class II mortar in loadbearing walls:</u> | | | | | |
| 12 | One brick walls including wire ties. | m ² | 25 | | |
| 13 | 270mm Hollow walls of two half brick skins including wire ties. | m ² | 18 | | |
| 14 | Splayed mortar fillets one course high in 50mm cavity. | m | 96 | | |
| 15 | Closing 50mm cavity of hollow wall vertically with brickwork half brick wide. | m | 48 | | |
| 16 | Closing 50mm cavity of hollow wall horizontally with one course of brickwork. | m | 35 | | |
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| <u>FACE BRICKWORK</u> | | | | | |
| <u>Face bricks (Allow a PC amount of R 6000.00 per 1000 bricks supplied and delivered to site) pointed with recessed horizontal and vertical joints:</u> | | | | | |
| 17 | Extra over brickwork for face brickwork in foundations. | m ² | 11 | | |
| 18 | Extra over brickwork to piers and pilasters in foundations for face brickwork. | m ² | 3 | | |
| 19 | Extra over brickwork for face brickwork. | m ² | 238 | | |
| 20 | Extra over brickwork to beamfilling for face brickwork. | m ² | 12 | | |
| 21 | Extra over brickwork to piers and pilasters for face brickwork. | m ² | 34 | | |
| 22 | Extra over brickwork for brick-on-edge header course lintels one course high pointed on both faces and 220mm soffit. | m | 31 | | |
| 23 | Extra over brickwork for brick-on-edge header course lintels one course high pointed on face and 110mm soffit. | m | 20 | | |
| 24 | Fair raking cutting. | m | 32 | | |
| <u>Face brick (Allow a PC amount of R 6000.00 per 1000 bricks supplied and delivered to site) brick-on-edge header course copings, sills, etc pointed with recessed joints on all exposed faces:</u> | | | | | |
| 25 | 220mm Wide header course on concrete bedded and jointed in cement mortar and pointed on top and one side. | m | 31 | | |
| <u>Face brick (Allow a PC amount of R 6000.00 per 1000 bricks supplied and delivered to site) brick-on-edge header course, copings, sills, etc. pointed with recessed joints on all exposed surfaces:</u> | | | | | |
| 26 | 220mm Brick-on-edge sill set sloping and slightly projecting. | m | 17 | | |
| <u>BRICKWORK SUNDRIES</u> | | | | | |
| <u>Joint forming material in movement joints:</u> | | | | | |
| 27 | 12mm Bitumen impregnated fibre board built in vertically through brick walls not exceeding 300mm wide. | m | 86 | | |
| <u>Galvanised brick reinforcement:</u> | | | | | |
| 28 | 75mm Wide reinforcement built in horizontally. | m | 1 446 | | |
| 29 | 150mm Wide reinforcement built in horizontally. | m | 1 073 | | |
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| 30 | 230mm Wide reinforcement built in horizontally. | m | 39 | | |
| | <u>Prestressed fabricated concrete lintels including necessary temporary supports:</u> | | | | |
| 31 | 108 x 70mm Lintels in lengths not exceeding 3m. | m | 13 | | |
| 32 | 148 x 70mm Lintels in lengths not exceeding 3m. | m | 35 | | |
| | <u>Turning pieces to lintels, etc:</u> | | | | |
| 33 | 110mm Wide turning piece. | m | 17 | | |
| 34 | 220mm Wide turning piece. | m | 35 | | |
| | <u>Galvanised wire ties etc:</u> | | | | |
| 35 | 4mm Diameter roof tie 2m girth bent double with one end built into brickwork and other end fixed to timber. | No | 56 | | |
| 36 | 2,5mm Diameter wall tie 500mm girth with both ends fixed to reinforcement bars and built into brickwork. | No | 139 | | |
| | <u>Galvanised hoop iron cramps, ties, etc:</u> | | | | |
| 37 | 32 x 1,2mm Wall bonding tie 500mm girth built horizontally into brickwork at wall intersections. | No | 184 | | |
| 38 | 32 x 1,2mm Wall bonding tie 500mm girth built horizontally into brickwork at expansion joints. | No | 256 | | |
| | <u>Steel bar reinforcement:</u> | | | | |
| 39 | 8mm Diameter mild steel reinforcement bars built in horizontally. | Kg | 4 | | |
| 40 | 10mm Diameter high tensile steel reinforcement bars built in horizontally. | Kg | 398 | | |
| | <u>Air bricks, etc:</u> | | | | |
| 41 | 229 x 152mm Clay vermin proof air bricks. | No | 14 | | |
| | <u>FIBRE-CEMENT WINDOW SILLS</u> | | | | |
| | <u>Natural grey fibre cement sills in single lengths bedded in class II mortar including metal fixing lugs, etc:</u> | | | | |
| 42 | 15 x 175mm Wide sills set flat and slightly projecting. | m | 22 | | |
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| <u>WATERPROOFING</u> | | | | | |
| <u>DAMPPROOFING OF WALLS AND FLOORS</u> | | | | | |
| <u>'Gundle Brickgrip DPC 375' damp proof course to SABS mark 952-1985 Type B:</u> | | | | | |
| 1 | In walls in foundations. | m ² | 22 | | |
| 2 | Vertically against walls in foundations. | m ² | 99 | | |
| <u>One layer 250µm green polyethylene waterproof sheeting (SANS 952-1985 Type C) laid with minimum 150mm overlaps and sealed with pressure sensitive tape:</u> | | | | | |
| 3 | Under surface beds, aprons, etc. | m ² | 303 | | |
| <u>One layer 375µm embossed polyethylene damp proof course (SANS 952- 1985 Type B):</u> | | | | | |
| 4 | In walls. | m ² | 16 | | |
| 5 | In walls vertically at reveals. | m ² | 13 | | |
| <u>JOINT SEALANTS, ETC</u> | | | | | |
| <u>Approved polysulphide sealing compound including bond breaker, primer, etc:</u> | | | | | |
| 6 | 10 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary. | m | 200 | | |
| <u>Approved polyurethane sealing compound including primer, etc:</u> | | | | | |
| 7 | In joints between steel door or window frames and face brickwork. | m | 80 | | |
| <u>Approved polyurethane sealing compound including bond breaker, primer, etc and raking out expansion joint filler as necessary:</u> | | | | | |
| 8 | 12 x 12mm In expansion joints in walls. | m | 171 | | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 5</u> <u>ROOF COVERINGS</u> <u>ROOF COVERINGS</u> <u>SUPPLEMENTARY PREAMBLES</u> <p>The following roof sheeting system is to be manufactured and/or supplied by 'Global Roofing Solutions (GRS)', or equal and approved, and installed in strict accordance with the manufacturer's and/or Supplier's specifications. Fixing of all roof sheeting is to be in accordance with the manufacturer's approved Instruction Book. The manufacturer shall comply with ISO9002 Quality Management System. An approved five-year written guarantee of site workmanship and watertightness shall be issued after final inspection of concealed-fix roofing.</p> <u>PROFILED METAL SHEETING AND ACCESSORIES</u> <u>0.58mm Thick 'GRS' galvanised steel Z200 IBR 686 profile roof sheeting with Chromadek® 'Dove Grey' finish top coat and 'Pebble Grey' backing coat and accessories fixed in strict accordance with manufacturer's instructions to timber purlins at not exceeding 1200mm centres:</u> | | | | |
| 1 | Roof covering with pitch not exceeding 25° in transportable lengths not exceeding 20m. | m ² | 334 | |
| 2 | Ridge flashing 462mm girth, three times bent along girth. | m | 29 | |
| 3 | Valley flashing 462mm girth, three bent along girth. | m | 5 | |
| 4 | Narrow flute moulded polyethylene eaves closer to suit profile. | m | 50 | |
| 5 | Broad flute moulded polyethylene ridge closer to suit profile. | m | 57 | |
| <u>ROOF INSULATION</u> <u>'Sisalation' FR 405 or equal and approve double sided fire retardant light industrial grade reinforced aluminium foil insulation sheeting:</u> | | | | |
| 6 | Insulation sheeting drawn tautly and fixed over purlins with minimum 150mm laps. | m ² | 215 | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 6</u> <u>CARPENTRY AND JOINERY</u> <u>CARPENTRY AND JOINERY</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Joinery:</u> <p>Descriptions of hardwood joinery shall be deemed to include punching nail heads and filling with matching wood filler and sinking and pelleting heads and nuts of bolts.</p> <u>Fixing:</u> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</p> <p>Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres.</p> <u>Fire doors:</u> <p>Fire doors are to be in accordance with SANS 1253.</p> <u>SKIRTINGS</u> <u>Wrought meranti:</u> | | | | | |
| 1 | 13 x 67mm Skirting including 19mm quadrant bead, plugged. | m | 158 | | |
| <u>FLUSH DOORS</u> <u>Solid core flush doors with 3.2mm standard hardboard covering on both sides with hardwood edge strips to vertical edges, hung to steel frames:</u> | | | | | |
| 2 | 40mm Double door 760 x 2032mm high with rebated meeting edges. | No | 1 | | |
| 3 | 40mm Door 813 x 2032mm high. | No | 6 | | |
| <u>SHELVES, ETC</u> <u>Melamine faced particle board with 1mm thick PVC edge strips to all exposed edges:</u> | | | | | |
| 4 | 16 x 300mm Wide shelves screwed to shelf brackets (brackets elsewhere). | m | 22 | | |
| 5 | 16 x 450mm Wide shelves screwed to shelf brackets (brackets elsewhere). | m | 48 | | |
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| <p><u>Prefabricated roof trusses:</u></p> <p>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturer's as approved by the Architect.</p> <p>Prices must include for all cross and wind bracing according to the manufacturer's instructions.</p> <p>Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.</p> <p>Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle.</p> <p>Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber.</p> <p>The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints.</p> <p>In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralizing paint.</p> <p>Approval of pre-fabricated roofing systems, whether measured as an alternative or not shall be subject to the following requirements: (a) The manufacturer of the pre-fabricated trusses shall hold a certificate of competence issued by the Institute for Timber Construction. (b) A polyester print, size A1 having a minimum thickness of 0,5mm shall be submitted by the contractor to the Regional Representative at an early stage for approval by the Directorate: Structural Engineering Services. (c) The drawings shall be signed by a Registered Professional Engineer whose name appears on the Department panel for structural work. (d) In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender.</p> | | | | |
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| <p><u>The following minimum information shall be shown on the drawings:</u></p> <p>(a) Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations.</p> <p>(b) Bracing as recommended by the Institute for Timber Construction.</p> <p>(c) Sizes and grading of the timber components.</p> <p>(d) Truss sizes, e.g. height of ridge or angle of pitch.</p> <p>(e) Plate sizes for every construction point. (Code numbers only are deemed insufficient).</p> <p>(f) Separate connection details for hip, valley and jack rafters.</p> <p>(g) Maximum spacings for purlins and bracing to ceilings shall be according to Subclauses 7.6.1 and 7.6.2 and Clauses 7.8, 7.9 and 9.5.</p> <p>(h) The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative / Agent. The Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that.</p> <p>'The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual 'THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES' Issued by the National Timber Research Institute and the Institute for Timber Construction'.</p> <p><u>Fixing:</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</p> <p>Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres.</p> <p><u>ROOFS ETC</u></p> <p><u>Sawn softwood:</u></p> | | | | |
| 6 | 25 x 228mm Splayed valley boards. | m | 5 | |
| 7 | 38 x 114mm Wall plates. | m | 43 | |
| 8 | 38 x 228mm Gangboards. | m | 22 | |
| 9 | 76 x 76mm Splayed purlins. | m | 42 | |
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| | <p><u>PLATE NAILED TIMBER ROOF TRUSS CONSTRUCTION, ETC</u></p> <p><u>The following is applicable in respect of plate nailed timber roof trusses:</u></p> <p>Trusses are at maximum 1200mm centres.</p> <p>Roof covering is 0.58mm thick 'GRS' galvanised steel Z200 IBR 686 profile roof sheeting to timber purlins.</p> <p>Ceilings are 6,4mm gypsum plasterboard on 38 x 50mm branderling at 400mm centres or 6mm fibre-cement ceilings on 38 x 50mm branderling at 600mm centres.</p> <p>Exposed members of trusses at eaves overhangs to have wrought faces.</p> <p>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers.</p> <p>Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.</p> <p>An Engineers approval certificate is required once the roof truss installation is complete and is for the contractors account.</p> <p>Dimensions in descriptions of trusses are nominal and actual measurements are to be obtained from the architect and / or taken on site before design or fabrication commences.</p> <p><u>Plate nailed timber roof truss construction:</u></p> <p><u>Note: Specifications and calculations of prefabricated roofs must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design.</u></p> | | | | |
| 10 | <p>Roof construction to double pitched roof 19,98 x 11,12m overall on plan with projections 4,84 x 1,34m and 3,92 x 1,64m, having a 17 degree pitch and 600mm overhang at eaves including trusses, jack rafters, permanent bracing and 50 x 76mm purlins at not exceeding 1200mm centres for roof covering (wall plates elsewhere measured) as per 'Admin Block' drawing annexed to these bills of quantities for tender purposes.</p> | No | 1 | | |
| | <p><u>EAVES, VERGES, ETC</u></p> <p><u>Medium density fibre-cement boards:</u></p> | | | | |
| 11 | <p>12 x 225mm Fascia boards fixed to roof timbers with brass screws and 38 x 50 x 114mm softwood blocking pieces including 'Chromaprep' or equal and approved fascia joiners.</p> | m | 37 | | |
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| <p><u>SECTION NO. 3</u></p> <p><u>ADMIN BLOCK</u></p> <p><u>BILL NO. 7</u></p> <p><u>CEILINGS PARTITIONS AND ACCESS FLOORING</u></p> <p><u>CEILING PARTITIONS AND ACCESS FLOORING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing:</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete.</p> <p>Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as bolted the bolts have been measured elsewhere.</p> <p><u>Ceilings:</u></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal.</p> <p><u>Steel components:</u></p> <p>All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121.</p> <p><u>Openings in nailed-up ceilings:</u></p> <p>Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc are to include for any necessary additional support, trimming around, etc</p> <p><u>Proprietary suspended ceilings:</u></p> <p>Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations.</p> <p>Electrical light fittings, diffusers, panels, etc generally are lay in units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof).</p> <p><u>General:</u></p> <p>Only specialist ceiling subcontractors approved by the manufacturer of the materials shall be allowed to execute the work. Ceiling boards shall be arranged symmetrically about the room, with cut boards along walls and straight joints in both directions.</p> | | | | |
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| <u>CEILING CONSTRUCTION, CORNICES, ETC.</u> | | | | | |
| <u>SCREWED-UP CEILINGS</u> | | | | | |
| <u>6mm Fibre-cement board with H-profile galvanised steel jointing strips with all nail or screw heads stopped and sanded level:</u> | | | | | |
| 1 | Ceilings including 38 x 50mm sawn softwood bandering at 600mm centres in one direction, at ends of sheets and at light fittings. | m ² | 59 | | |
| <u>6.4mm Gypsum plasterboard ceilings with H-profile galvanised steel jointing strips with all nail or screw heads stopped and sanded level:</u> | | | | | |
| 2 | Ceilings including 38 x 50mm sawn softwood bandering at 400mm centres in one direction, at ends of sheets and at light fittings. | m ² | 188 | | |
| 3 | Extra over ceiling for 600 x 600mm anodised aluminium top hinged trap door including all necessary timber trimmers, framing, etc. | No | 2 | | |
| <u>CORNICES, ETC</u> | | | | | |
| <u>'RhinoLite QuickCornice' moulded polystyrene cornices:</u> | | | | | |
| 4 | 75mm Coved cornice. | m | 177 | | |
| <u>Wrought meranti:</u> | | | | | |
| 5 | 14 x 67mm Coved cornice. | m | 64 | | |
| <u>INSULATION</u> | | | | | |
| <u>Non-Combustible fibreglass insulation:</u> | | | | | |
| 6 | 135mm Insulation in blanket form lapped not less than 50mm along all edges and laid on top of bandering between roof timbers etc. | m ² | 188 | | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 8</u> <u>JOINERY FITTINGS</u> <u>JOINERY FITTINGS</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions:</u> <p>The following joinery fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, subframes, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, quadrant beads at junctions with adjacent surfaces, decorative finishes, glass, ironmongery, metalwork, paint or varnish finishes, etc.</p> <p>The descriptions of the items are intended as a means of identifying and locating the items only and are not intended as full descriptions and specifications of the items. Tenderers are to refer to the respective fittings as detailed on the Architect's drawings accompanying these Bills of Quantities for tender purposes.</p> <u>Protection:</u> <p>The Contractor shall protect the work during the course of construction, which protection shall be adequate for the purpose and to the approval of the Principal Agent.</p> <u>Liaison with other trades:</u> <p>It is to be noted that this work will be executed in close conjunction with other trades such as electrical and mechanical works. No extra costs whatsoever will be entertained in this regard.</p> <u>Post-formed Formica worktops:</u> <p>All post-formed Formica worktops shall be Formica Lifeseal worktops with backing layer on underside.</p> <u>JOINERY FITTINGS TO ADMIN BLOCK</u> | | | | |
| 1 | No | 1 | | |
| 2 | No | 1 | | |
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| 3 | Worktop 4036 x 600 x 800mm high including floor cupboard unit as per staff room detail on drawing No. 6-JN-900. | No | 1 | | |
| 4 | 50mm Thick hard wood bench 2759 x 500 x 450mm high and including mild steel brackets built into brickwork as per waiting room detail on drawing No. 6-JN-900. | No | 1 | | |
| 5 | L - shaped sink unit 5025mm girth extreme x 550mm wide x 900mm high including floor cupboard units with and including worktop extension 2000 x 110mm wide through servery opening and including cutting hole for and fitting drop-in sink (sink elsewhere) in worktop, with edge of worktop sealed with waterproofing compound around opening and edge of sink bedded in silicone sealant on worktop as per 'kitchen' detail on drawing No. 6-JN-900. | No | 1 | | |
| 6 | Worktop 1638 x 675 x 800mm high including floor cupboards as per reception detail on drawing No. 6-JN-901. | No | 1 | | |
| 7 | V-Shaped Worktop 4251 x 555 x 800mm high including mild steel brackets and steel support posts as per reception detail on drawing No. 6-JN-901. | No | 1 | | |
| 8 | BIC cupboard unit 980 x 600 x 2595mm high per entrance foyer detail on drawing No. 6-JN-900 | No | 1 | | |
| <u>SCHOOL FURNITURE</u> | | | | | |
| <u>Principal's Office:</u> | | | | | |
| 9 | Principal desk 1611 x 910 x 750mm high including three drawers. | No | 1 | | |
| 10 | Extra over last for principal desk connecting triangular corner piece 712 x 912 x 750mm high. | No | 1 | | |
| 11 | Principal sliding door credenza 1000 x 511 x 750mm high. | No | 1 | | |
| 12 | Principal upholstered swivel and tilt high back upholstered chair 430 x 490 x 1100mm high. | No | 1 | | |
| 13 | Upholstered chair 480 x 430 x 875mm high. | No | 2 | | |
| 14 | Principal glass double door book case 1000 x 400 x 1435mm high. | No | 1 | | |
| 15 | Principal four-drawer filing cabinet 490 x 550 x 1350mm high. | No | 1 | | |
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| | | Unit | Quantity | Rate | Amount |
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| 16 | Stationery double-door cupboard 1000 x 450 x 1511mm high. | No | 1 | | |
| 17 | Principal corresponding rack 771 x 365 x 64mm high. | No | 1 | | |
| 18 | Pigeon hole filing rack 890 x 400 x 1435mm high. | No | 1 | | |
| | <u>Deputy Principal's Office:</u> | | | | |
| 19 | Bookshelf 1000 x 400 x 1435mm high. | No | 1 | | |
| 20 | Deputy Principal desk 1611 x 910 x 750mm high including three drawers. | No | 1 | | |
| 21 | Deputy Principal upholstered swivel and tilt high back upholstered chair 430 x 490 x 1100mm high. | No | 1 | | |
| 22 | Upholstered chair 480 x 430 x 875mm high. | No | 1 | | |
| 23 | Deputy Principal four-drawer filing cabinet 490 x 550 x 1350mm high. | No | 1 | | |
| 24 | Stationery double-door cupboard 1000 x 450 x 1511mm high. | No | 1 | | |
| 25 | Pigeon hole filing rack 890 x 400 x 1435mm high. | No | 1 | | |
| | <u>Administration Office:</u> | | | | |
| 26 | Administration desk 1200 x 700 x 750mm high including two drawers. | No | 1 | | |
| 27 | Administrator typist upholstered chair 480 x 430 x 875mm high. | No | 3 | | |
| 28 | Stationery double-door cupboard 1000 x 450 x 1511mm high. | No | 1 | | |
| 29 | Pigeon hole filing rack 890 x 400 x 1435mm high. | No | 1 | | |
| | <u>Admin Sick Room:</u> | | | | |
| 30 | Steel frame single bed 910 x 1910 x 770mm high. | No | 1 | | |
| 31 | Foam sponge mattress with stitch-bond PVC cover 910 x 1910 x 150mm thick. | No | 1 | | |
| 32 | Sick room upholstered stackable steel frame chair with timber arm rests 501 x 571 x 870mm high. | No | 1 | | |
| 33 | 46 Litre flip-top polypropylene dust bin. | No | 1 | | |
| 34 | MK1 Lockable medicine cabinet 315 x 110 x 360mm high. | No | 1 | | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 9</u> <u>FLOOR COVERINGS</u> <u>FLOOR COVERINGS</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing:</u> Floor coverings, wall linings, etc shall be fixed and installed in accordance with the manufacturer's instructions. <u>Floor tiles in two-colour pattern:</u> Floor tiles in two-colour pattern shall include margins and borders in varying widths exceeding 300mm. <u>VINYL FLOOR COVERINGS</u> <u>300 x 300 x 2,5mm Thick 'Floorworx Floorflex' semi-flexible vinyl floor tiles or equal and approved product fixed with approved water based acrylic adhesive:</u> | | | | |
| 1 | m ² | 150 | | |
| <u>CARPET SHEETING AND TILES</u> <u>500 x 500 x 7mm Thick 'Belgotex Metro' heavy commercial or equal and approved NexBac carpet tiles on screeds (screeds elsewhere):</u> | | | | |
| 2 | m ² | 39 | | |
| <u>SKIRTINGS, BUMP RAILS, ETC</u> <u>'FloorworX Extruda' accessories or similar approved:</u> | | | | |
| 3 | m | 18 | | |
| <u>POLISH, SEALERS, ETC</u> <u>Scrubbing with diluted neutral detergent complying with SANS 825, rinsing, drying and applying three coats water-based floor dressing complying with SANS 1032:</u> | | | | |
| 4 | m ² | 150 | | |
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| <u>SECTION NO. 3</u> <u>ADMIN BLOCK</u> <u>BILL NO. 10</u> <u>IRONMONGERY</u> <u>IRONMONGERY</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Finishes to ironmongery:</u> Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered : CH Chromium plated : SC Satin chromium plated : SE Silver enamelled : GE Grey enamelled : AS Anodised silver : AB Anodised bronze : AG Anodised gold : ABL Anodised black : PB Polished brass : PL Polished and lacquered : PT Epoxy coated. <u>Descriptions:</u> Descriptions of ironmongery shall be deemed to include for fixing to wood, aluminium and steel. <u>HINGES, FLOOR SPRING HINGES, BOLTS, PANIC BOLTS, ETC</u> <u>'Dorma' or equal and approved:</u> 1 DFB-SC-180 153mm Satin chrome manual flush bolt with heel and keep let into concrete. <u>LOCKS, ETC</u> <u>'Dorma' or equal and approved:</u> 2 D036S SS Stainless steel cylinder sash lock. 3 D038R NP Rebate conversion kit for Euro Profile locks. <u>EN SUITE LOCKS</u> <u>The following locks and cylinder lock are to be suitable for master and grand master key operation.</u> <u>'Dorma' or equal and approved:</u> 4 DPL1000MK 50mm Padlock, master keyed. 5 DDC106601 MK 66mm five pin Euro-profile Double Cylinder, master keyed. 6 DKC106601 MK 66mm five pin Euro-profile Knob Cylinder, master keyed. <u>'Iseo' or equal and approved</u> 7 1450.00.55 55mm Backset euro-profile cylinder security lock. Carried to Collection Section No. 3 Bill No. 10 Ironmongery | | | | |
| | No | 4 | | |
| | No | 8 | | |
| | No | 2 | | |
| | No | 2 | | |
| | No | 9 | | |
| | No | 2 | | |
| | No | 3 | | |
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| | <u>HANDLES, FLUSH PULLS, ESCUTCHEONS, ETC</u> | | | | |
| | <u>'Dorma' or equal and approved:</u> | | | | |
| 8 | CB30 Cyl SC Lever handle on plate with cylinder cutout. | No | 16 | | |
| | <u>KEY TAGS</u> | | | | |
| 9 | 40mm Diameter x 3mm thick clear perspex key tag with black painted background with 10mm high reverse engraved and white painted Helvetica Medium numerals holed for and fitted with 22mm diameter split key ring. | No | 42 | | |
| | <u>BATHROOM FITTINGS</u> | | | | |
| | <u>'Kimberly Clark' or similar approved:</u> | | | | |
| 10 | 'Aquarius' Soap dispenser (code 6948000), plugged. | No | 2 | | |
| | <u>SUNDRIES</u> | | | | |
| 11 | 'Dorma' DDS-SS-017 or silar approved Stainless steel floor door stop plugged. | No | 6 | | |
| 12 | 'Halcast' 166 or equal and approved 200mm brass cabin hook. | No | 8 | | |
| | <u>LETTERS, NAMEPLATES, ETC</u> | | | | |
| | <u>Acrylic door plates:</u> | | | | |
| 13 | 40 x 40 x 5mm Thick black acrylic door number plate with two numbers size 25mm high, engraved with arial font and painted white, fixed to door frame or wall with chromium plated domeheaded screws. | No | 2 | | |
| | <u>Rigid plastic (ABS) symbolic photoluminiscent fire signs complying with SANS 1186:</u> | | | | |
| 14 | 190 x 190mm Single sided 'direction to fire extinguisher' sign (F38, F37, F36). | No | 3 | | |
| 15 | 190 x 190mm Single sided 'fire extinguisher' sign (F28). | No | 3 | | |
| | <u>SHELVES, ETC</u> | | | | |
| | <u>Proprietary type steel shelving with standard powder coated finish:</u> | | | | |
| 16 | 'Gelmar' code 1122 or equal and approved double slot wall band 1220mm long, plugged. | No | 5 | | |
| 17 | 'Gelmar' code 1125 or equal and approved double slot wall band 2130mm long, plugged. | No | 19 | | |
| 18 | 'Gelmar' code 1147 or equal and approved shelf bracket. | No | 36 | | |
| 19 | 'Gelmar' code 1151 or equal and approved shelf bracket. | No | 108 | | |
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| <p><u>SECTION NO. 3</u></p> <p><u>ADMIN BLOCK</u></p> <p><u>BILL NO. 11</u></p> <p><u>METALWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Purpose made steel windows:</u></p> <p>Purpose made steel windows shall be manufactured in accordance with the relevant SABS/SANS specifications in "FX7" sections. All steel windows are to manufactured from 3mm thick steel.</p> <p>Descriptions of galvanised steel windows shall be deemed to include sealing with approved silicone compound along edges as necessary.</p> <p><u>Purpose made steel security gates:</u></p> <p>Detail drawings of some of the steel security gates are annexed to these bills of quantities for tender purposes.</p> <p><u>Descriptions:</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers.</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.</p> <p>Items described as 'holed for bolt(s)' shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres.</p> <p><u>Aluminium doors, windows, etc.</u></p> <p>Design:</p> <p>The contractor shall be responsible for the design of the curtain walling, aluminium windows, shopfronts and doors and shall provide detailed shop drawings for approval by the Principal Agent prior to putting any work in hand and within two weeks of being awarded the contract.</p> <p>Aluminium curtain walling, shopfronts, doors and windows shall comply with AAAMSA design criteria.</p> <p>The design wind load for the glazed facade (external) shall be 1500Pa, in accordance with Table 3.1: Selection of AAAMSA Performance Class Designations.</p> <p>Warranties:</p> | | | | |
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| <p>The design wind load for internal aluminium shopfronts and doors shall be a minimum of 700Pa, in accordance with Table 3.1: Selection of AAAMSA Performance Class Designations.</p> <p>Design intent:</p> <p>Tenderers are referred to Window and Door Schedules annexed to these bills of quantities for the architectural design intent.</p> <p>System supplier:</p> <p>The system supplier for the aluminium curtain walling, windows, shopfronts and doors shall be AGI Sheerline Aluminium or equal and approved.</p> <p>Glass and glazing:</p> <p>Glazing shall comply with SAGGA regulations and SANS 10137. Glass shall be as specified on Shopfront Schedules and shall be of thickness and type to comply with the SAGGA regulations and SANS 10137.</p> <p>Finishes:</p> <p>Anodising shall comply with SANS 999 and shall be Grade AA25 (average coating thickness of 25 micron).</p> <p>Powder coating shall be polyester powder coating of 'White' colour. Polyester powder coating shall comply with SANS 1796 and SANS 1578.</p> <p>Quality assurance:</p> <p>Prior to the commencement of any site work, the following is required to be provided by the manufacturer/specialist contractor supplying/installing the aluminium curtain walling, windows, shopfronts and doors:</p> <p>a) AAAMSA Performance Test Certificate/s</p> <p>b) Shop drawings/detailed manufacturing drawings, including any relevant manuals (all for approval by the Principal Agent)</p> <p>Upon completion of all site work and installation, the following is required to be provided by the manufacturer/specialist contractor supplying/installing the aluminium curtain walling, windows, shopfronts and doors:</p> <p>c) AAAMSA or SAGGA Glass & Glazing Certificate/s</p> <p>d) AAAMSA Surface Finishing Certificate/s</p> <p>e) AAAMSA or SASA Skylight System Certificate/s (where applicable)</p> <p>f) AAAMSA Architectural Product Certificate/s (where applicable).</p> | | | | |
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| <p>The following warranties are required to be provided:</p> <p>a) A powder guarantee of not less than 15 years issued by the powder manufacturer.</p> <p>b) A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years.</p> <p>Descriptions:</p> <p>Descriptions of aluminium curtain walling, windows, shopfronts and doors shall be deemed to include all necessary temporary protection measures, burglar bars, as described and fittings as well as timber or other subframes, templates, etc which are required in terms of the approved design.</p> <p>All opening sections of the external aluminium windows and shopfronts are to be fitted with three 10 x 20mm solid aluminium burglar bars.</p> <p>Descriptions of aluminium curtain walling, windows, shopfronts and doors shall be deemed to include sealing with approved silicone sealing compound along edges as necessary.</p> <p>Descriptions of aluminium curtain walling, windows, shopfronts and doors shall be deemed to include preparation for fitting of ironmongery.</p> <p>The sizes stated in the descriptions of aluminium units are indicative only, not prescriptive and may have to be adjusted to suit circumstances.</p> <p>Testing of windows for watertightness: Each window shall be tested for watertightness with water sprayed on using adequate pressure. If, in the opinion of the Principal Agent, the pressure proves to be inadequate then the pressure shall be boosted by means of compressed air or other means.</p> <p>Ironmongery:</p> <p>Ironmongery (where not included in descriptions of aluminium curtain walling, windows, shopfronts and doors) is elsewhere measured.</p> | | | | |
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| <u>GALVANISED STEEL GATES, SCREENS, ETC</u> | | | | |
| <u>Welded grille gates, screens, etc all as per architect's Door Schedule Drawings annexed to these bills of quantities for tender purposes:</u> | | | | |
| 1 Single gate 925 x 2080mm high of 50 x 50 x 2mm square hollow section frame filled in with 10 x 10mm diagonal bars at 100mm centres and including all necessary hinges, pins, plates, locking mechanisms, etc. (G04) | No | 1 | | |
| 2 Double gate 1650 x 2120mm high with fixed panels 290 x 2220mm high on each side size overall 2230 x 2220mm high, the gate and fixed panels consisting of 50 x 50 x 2mm square hollow section outer frame and filled in with 10 x 10mm diagonal bars at 100mm centres, each fixed side panel containing lugs built into brickwork and including all necessary hinges, pins, plates, locking mechanisms, bolts, etc. (G05) | No | 1 | | |
| 3 Double gate 1650 x 2120mm high with fixed panels 995 x 2220mm high on each side size overall 3640 x 2220mm high, the gate and fixed panels consisting of 50 x 50 x 2mm square hollow section outer frame and filled in with 10 x 10mm diagonal bars at 100mm centres, each fixed side panel containing lugs built into brickwork and including all necessary hinges, pins, plates, locking mechanisms, bolts, etc. (G01) | No | 1 | | |
| <u>FACTORY PRIMED PRESSED STEEL DOOR FRAMES</u> | | | | |
| <u>1,2mm Double rebated frames suitable for half brick walls:</u> | | | | |
| 4 Frame for double door 760 x 2032mm high. | No | 1 | | |
| 5 Frame for door 813 x 2032mm high. | No | 6 | | |
| <u>FACTORY PRIMED STEEL WINDOWS, DOORS, ETC</u> | | | | |
| <u>Standard residential type window frames with factory fitted burglar bars to all opening sections:</u> | | | | |
| 6 Window type C2F, size 1022 x 949mm high. (W02) | No | 9 | | |
| 7 Window type D2F, size 1022 x 1245mm high. (W01) | No | 3 | | |
| <u>Standard French Doors:</u> | | | | |
| 8 Type DDA standard cottage pane double door complete with frame, size 1511 x 2134mm high. (D03) | No | 2 | | |
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| <u>ALUMINIUM WINDOWS</u> | | | | |
| <u>Purpose made natural anodised aluminium windows glazed with 6.38mm normal strength clear laminated safety glass and fixed to brickwork or concrete:</u> | | | | |
| 9 | No | 1 | | |
| 700 x 949mm Purpose made sliding window with one fixed pane and one sliding opening section including locking and sliding mechanism all as per architect's window schedule drawing detail annexed to these bills of quantities for tender purposes. (W08) | | | | |
| 10 | No | 1 | | |
| 1310 x 1100mm Purpose made sliding window with one fixed pane and one sliding opening section including locking and sliding mechanism all as per architect's window schedule drawing detail annexed to these bills of quantities for tender purposes. (W03) | | | | |
| <u>STEEL ROLLER SHUTTERS, ETC</u> | | | | |
| <u>'Teckentrup' or equal and approved powder coated steel roller shutters, guides, canopy cover(s), etc, fixed to brickwork or concrete:</u> | | | | |
| 11 | No | 1 | | |
| Chain operated roller shutter for 3000 x 1180mm high opening with double-skinned insulated slats, side guides, neoprene weather strip to bottom edge and two barrel bolts and with pressed metal canopy cover. (R01) | | | | |
| <u>STEEL STRONGROOM DOORS, VENTILATORS, ETC</u> | | | | |
| <u>'Mutual Austen' or equal and approved factory primed strongroom doors, etc suitable for 230mm walls fixed to brickwork or concrete:</u> | | | | |
| 12 | No | 1 | | |
| Model DS3 category 2 strong room door and frame with 820 x 1970mm high clear wall opening, 1 x 7-lever security keylock and 3-wheel combination lock and a mass of 260kg. (D4) | | | | |
| 13 | No | 2 | | |
| Double ended telescopic strongroom ventilator with drop shutter. | | | | |
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| <u>PLASTERING</u> | | | | | |
| <u>SCREEDS</u> | | | | | |
| <u>3:1 Cement plaster screeds (Class 1) on concrete:</u> | | | | | |
| 1 | 25mm Thick on floors and landings. | m ² | 189 | | |
| <u>SELF-LEVELLING SCREEDS</u> | | | | | |
| <u>5mm Thick 'Polyflor Polylevelmaster' or equal and approved self levelling screed compound including one coat 'Poly' primer on concrete or screed (concrete or screed elsewhere) to received vinyl and/or carpet tile floor coverings:</u> | | | | | |
| 2 | On floors. | m ² | 189 | | |
| <u>INTERNAL PLASTER</u> | | | | | |
| <u>4:1 Cement plaster steel trowelled on brickwork:</u> | | | | | |
| 3 | On walls. | m ² | 409 | | |
| 4 | On narrow widths not exceeding 300mm wide. | m ² | 10 | | |
| <u>3:1 Cement plaster steel trowelled on concrete:</u> | | | | | |
| 5 | On ceilings. | m ² | 8 | | |
| <u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u> | | | | | |
| 6 | 30 x 3mm Flat section brass dividing strip between different floor finishes. | m | 3 | | |
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| <p><u>SECTION NO. 3</u></p> <p><u>ADMIN BLOCK</u></p> <p><u>BILL NO. 14</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Copper pipes:</u></p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be Cobra type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground.</p> <p>Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition.</p> <p><u>Reducing fittings:</u></p> <p>Where fittings have reducing ends or branches they are described as 'reducing'. In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained.</p> <p><u>Fixing of pipes:</u></p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include for fixing to walls, etc. casting in, building in or suspending not exceeding 1m below suspension level</p> <p><u>Disinfection of water pipework:</u></p> <p>Water pipework to be disinfected at completion.</p> <p><u>Waste unions:</u></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings.</p> | | | | |
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| | <p><u>Sealing of edges:</u></p> <p>Outer edges of sinks, basins, urinals, etc are to be sealed against adjacent surfaces with approved silicone sealant.</p> <p><u>As-built drawings:</u></p> <p>Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto originals for handing over to the employer (provision for allowance of as-built drawings elsewhere).</p> <p><u>SANITARY FITTINGS</u></p> <p><u>'Vaal' or similar approved:</u></p> <p>1 510 x 405mm 'Hibiscus' (code 702303) wash hand basin with one taphole, integrated overflow and chainstay hole, bolted to wall with and including two 10mm bolts (code 8448Z0).</p> <p><u>'Franke' grade 304 (18/10) stainless steel or similar approved:</u></p> <p>2 'Neptune NEX 611' single end bowl sink and drainer (code 310074), size 1400 x 535mm overall, set on cupboard fitting (cupboard fitting elsewhere).</p> <p><u>WASTE UNIONS, ETC</u></p> <p><u>'Cobra' or similar approved:</u></p> <p>3 32mm Chrome plated basin waste union (code 301).</p> <p>4 38mm Chrome plated sink waste union (code 316) with anti theft plug (code 309-40).</p> <p><u>TRAPS ETC</u></p> <p><u>'Cobra' brass traps etc or similar approved:</u></p> <p>5 40mm Chrome plated bottle trap with outlet for 40mm PVC (code 365/40).</p> <p><u>TAPS, VALVES, ETC</u></p> <p><u>'Cobra' or similar approved:</u></p> <p>6 15mm Chrome plated code 138-15 'Star' undertile stopcock with wall flange.</p> <p>7 15mm Chrome plated code KM2-102 demand push button pillar tap.</p> <p>8 15mm Stainless steel braided flexible hose 400mm long.</p> | | | | |
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| <u>SANITARY PLUMBING</u> | | | | |
| <u>uPVC pipes:</u> | | | | |
| 9 | m | 2 | | |
| 10 | m | 3 | | |
| <u>Extra over uPVC pipes for fittings:</u> | | | | |
| 11 | No | 2 | | |
| 12 | No | 1 | | |
| 13 | No | 1 | | |
| 14 | No | 1 | | |
| <u>Sundries:</u> | | | | |
| 15 | Item | | | |
| <u>WATER SUPPLIES</u> | | | | |
| <u>'Geberit Mepla ML' multilayer pipes with 'PVDF' couplings or similar approved:</u> | | | | |
| 16 | m | 1 | | |
| 17 | m | 1 | | |
| <u>Extra over 'Geberit Mepla ML' multilayer pipes for 'PVDF' fittings or similar approved:</u> | | | | |
| 18 | No | 2 | | |
| 19 | No | 1 | | |
| 20 | No | 1 | | |
| <u>Sundries:</u> | | | | |
| <u>SOLAR GEYSERS</u> | | | | |
| <u>Supply, installation, pressure test and commision of 200L indirect solar geyser IPX4 rated with frost free</u> | | | | |
| 21 | No | 1 | | |
| <u>Testing</u> | | | | |
| 22 | Item | | | |
| <u>FIRE APPLIANCES ETC</u> | | | | |
| 23 | No | 3 | | |
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| <u>RAINWATER DISPOSAL</u> | | | | | |
| <u>'Marley Vynadeep' or equal and approved uPVC gutters and rainwater pipes:</u> | | | | | |
| 24 | 125 x 87mm Eaves gutters in single lengths fixed to fibre cement fascia with uPVC fascia brackets at 600mm centres. | m | 42 | | |
| 25 | Extra over eaves gutter for stopped end. | No | 8 | | |
| 26 | Extra over eaves gutter for angle. | No | 4 | | |
| 27 | Extra over eaves gutter for outlet for 88mm diameter pipe. | No | 4 | | |
| 28 | 88mm Diameter rainwater pipes fixed to wall with and including uPVC pipe clips at 900mm centres. | m | 13 | | |
| 29 | Extra over rainwater pipe for swan neck ends. | Pairs | 4 | | |
| 30 | Extra over rainwater pipe for shoe. | No | 4 | | |
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| <p><u>SECTION NO. 3</u></p> <p><u>ADMIN BLOCK</u></p> <p><u>BILL NO. 16</u></p> <p><u>PAINTWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General:</u></p> <p>All work to be executed in strict accordance with the specifications of the paint manufacturer.</p> <p>Primers and first coats may be thinned in accordance with the paint specifications of the paint manufacturer to aid the absorption of the paint.</p> <p>All surfaces must be sound, clean and have a moisture content of less than 8% for walls generally and 3% for slabs/screeds etc.</p> <p><u>PREPARATORY WORK TO PREVIOUSLY PAINTED SURFACES</u></p> <p><u>Previously painted plastered surfaces:</u></p> <p>Surfaces shall be thoroughly sanded, washed down (high pressure cleaning to external surfaces), scrubbed with sugar soap to remove dirt and other contaminants, rinsed and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and edges feathered. Areas containing algae shall be treated with sodium hypochlorite solution (household bleach) thinned 1 part bleach to 2 parts water. Cracks shall be opened, filled with 'Polycell Mendall 90' or equal and approved or 'Polycell Polyfilla' or equal and approved exterior filler, and sanded smooth. Bridge repaired areas with crack bridging compound (PWC 520). In the case of previously limewashed surfaces, completely remove all limewash if possible or at least wire brush and scrape down to achieve a 'grey state' exposure of the substrate and apply filler as indicated.</p> <p><u>Previously painted or unpainted granolithic surfaces:</u></p> <p>Surfaces shall be thoroughly sanded, washed down, scrubbed with sugar soap powder solution to remove dirt and other contaminants, rinsed and allowed to dry completely before any paint is applied.</p> | | | | |
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| <p><u>Previously painted galvanised metal surfaces:</u></p> <p>Surfaces shall be washed with sugar soap, rinsed with water, cleaned down to remove dirt and other contaminants and sanded lightly to provide key for subsequent coats. Blistered or peeling paint shall be completely removed down to bare metal and edges feathered. Any rust encountered shall be removed and bare metal areas cleaned with galvanised iron cleaner and spot primed with galvogrip metal primer.</p> <p><u>Previously painted wood surfaces:</u></p> <p>Surfaces shall be scrubbed with sugar soap to remove dirt and other contaminants, rinsed with water, thoroughly sanded and cleaned down. Blistered or peeling paint shall be completely removed and edges feathered. Cracks and crevices shall be primed, filled with wood filler and sanded smooth. In the case of previously varnished surfaces, all existing varnish must be thoroughly sanded off before new coats are applied.</p> <p><u>PAINTWORK TO NEW WORK</u></p> <p><u>ON FLOATED PLASTER SURFACES</u></p> <p><u>Prepare surfaces and apply one coat Plascon Professional Gypsum and Plaster Primer and two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u></p> | | | | |
| 1 On interior walls. | m ² | 418 | | |
| <p><u>Prepare surfaces and apply one coat Plascon Professional Gypsum and Plaster Primer and two coats Plascon Professional Super Matt acrylic emulsion paint or similar approved:</u></p> | | | | |
| 2 On ceilings. | m ² | 8 | | |
| <p><u>ON PLASTERBOARD SURFACES</u></p> <p><u>Prepare surfaces and apply one coat Plascon Professional Gypsum and Plaster Primer and two coats Plascon Professional Super Matt acrylic emulsion paint or similar approved:</u></p> | | | | |
| 3 On ceilings and cornices including priming nail heads and cover strips. | m ² | 188 | | |
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| | <u>ON FIBRE-CEMENT BOARD SURFACES</u> | | | | |
| | <u>Prepare surfaces and apply one coat Plascon Bonding Liquid and two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u> | | | | |
| 4 | On ceilings and cornices including priming nail heads and metal cover strips. | m ² | 59 | | |
| 5 | On fascias and bargeboards, including priming metal jointing strips. | m ² | 36 | | |
| | <u>Prepare surfaces and apply one coat Plascon Professional Alkali Resistant Plaster Primer and two coats Plascon Velvaglo water-based enamel paint or similar approved:</u> | | | | |
| 6 | On cills, etc not exceeding 300mm girth. | m | 22 | | |
| | <u>ON METAL SURFACES</u> | | | | |
| | <u>Prepare surfaces, touch up by cleaning with Plascon Aquasolv Degreaser and applying Plascon Water-based Metal Primer and apply two coats Plascon Velvaglo water-based enamel paint on factory primed steel or similar approved:</u> | | | | |
| 7 | On door frames. | m ² | 18 | | |
| 8 | On cottage pane windows with burglar bars (both sides measured over full flat area). | m ² | 34 | | |
| 9 | On cottage pane doors (both sides measured over full flat area). | m ² | 13 | | |
| | <u>Prepare surfaces and apply one coat Plascon Galvanised Iron Primer and two coats Plascon Velvaglo water-based enamel paint on galvanised steel or similar approved:</u> | | | | |
| 10 | On grille gates (both sides measured over full flat area). | m ² | 28 | | |
| | <u>ON WOOD SURFACES</u> | | | | |
| | <u>Prepare surfaces and apply one coat Plascon Professional Alkali Resistant Plaster Primer and two coats Plascon Velvaglo water-based enamel paint or similar approved:</u> | | | | |
| 11 | On doors. | m ² | 25 | | |
| 12 | On skirtings, rails, sills, etc not exceeding 300mm girth. | m | 64 | | |
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| | <u>Prepare surfaces and apply two coats Plascon Woodcare Interior water-based varnish or similar approved:</u> | | | | |
| 13 | On skirtings, rails, sills, etc not exceeding 300mm girth. | m | 158 | | |
| 14 | On fire extinguisher backing boards not exceeding 300mm wide. | m | 2 | | |
| | <u>Prepare surfaces and apply one coat Plascon Wood Primer and two coats Plascon Velvagro Polyurethane Enamel paint or similar approved:</u> | | | | |
| 15 | On roof timbers at eaves and verges. | m ² | 13 | | |
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EXTERNAL WORKS

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| <p><u>SECTION NO. 4</u></p> <p><u>EXTERNAL WORKS</u></p> <p><u>BILL NO. 1</u></p> <p><u>DEMOLITIONS AND SITE PREPARATIONS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General:</u></p> <p>Refer to previous sections for Supplementary Preambles also applicable to this section.</p> <p><u>DEMOLITIONS</u></p> <p><u>Nature and extent:</u></p> <p>Descriptions of demolitions give a rough guide only as to the scope of the work. Tenderers are therefore advised to visit the site before submitting a tender and to acquaint themselves with the nature and extent of the work to be done and the value of the recoverable materials which are not to be re-used or handed over to the Employer. Unless otherwise stated, loose furniture, kitchen and other equipment, apparatus, machinery, etc, shall remain the property of the Employer and the removal thereof does not fall within the scope of this Contract.</p> <p>The Contractor shall completely demolish the buildings, etc in a careful, skillful, practical and and safe manner.</p> <p>Demolitions shall include breaking up and removing:</p> <ul style="list-style-type: none"> -all floors and surface beds; - all foundation brickwork and strip footings including filling in holes where necessary and ramming and levelling to ground level; - all external screen walls, steps, ramps, gulleys, etc attached to the buildings to be demolished; - all toilets, basins, urinals, etc, and all services, manholes, etc in the ground to a point not less than 1m beyond the perimeter of the building including plugging off ends of all remaining pipes, drains, etc, filling in holes where necessary and ramming and levelling to ground level. <p>Removal of posts,etc with concrete bases shall include filling in holes with selected material from the excavations and compacting to a minimum 93% Mod AASHTO density.</p> <p><u>Explosives:</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 4</p> <p>Bill No. 1</p> <p>Demolitions And Site Preparations</p> | | | | |
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| <p><u>Notices, etc:</u></p> <p>The Contractor shall, before commencing demolition work, obtain all necessary authorisation for carrying out the work, by whatever means including the use of pneumatic equipment or blasting, give all necessary notices and pay all charges and fees in connection therewith. The Contractor shall also comply with all regulations pertaining to rodent extermination, handling of asbestos/fibre cement and other dangerous products, etc and pay all necessary fees. All receipts and required certificates shall be handed to the Principal Agent and the Contractor shall pay all relevant charges and fees, which shall be deemed to be included in his prices.</p> <p>The Contractor shall give ample notice to the Principal Agent and School authorities regarding any disconnections necessary prior to the removal or interruption of electrical or telephone cables, water and sanitary services, etc</p> <p><u>Removal or demolition of existing work comprising or containing asbestos products:</u></p> <p>Where existing works comprising or containing asbestos products are removed or demolished, the Contractor shall ensure that such work is conducted in accordance with the provisions of the Asbestos Regulations promulgated by Government Notice No. R 155 of 10 February 2002, as amended, as provided for in clause 12 (9) of the Construction Regulations. Such works shall be carried out by a company registered with the Department of Labour as an Asbestos Contractor. Prior to the commencement of such works, a plan of work approved by an approved Asbestos Inspection Authority shall be submitted to the Provincial Director/ Provincial Executive Manager.</p> <p><u>Materials from the demolitions, credit, etc:</u></p> <p>Materials recovered from the demolitions will become the property of the Contractor, who may allow credit in respect thereof where provided for in the bills of quantities. Such materials shall not be re-used in any new work without written permission from the Principal Agent.</p> <p><u>Disposal of debris:</u></p> <p>The Contractor shall be responsible for the removal from the site of all materials, rubble, debris and rubbish resulting from the demolitions.</p> | | | | |
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| <u>DEMOLITIONS ETC</u> | | | | |
| <u>Taking down and removing:</u> | | | | |
| 1 1800mm High wire mesh fence and posts including concrete bases, filling and compacting earth to 90% Mod AASHTO density, etc. | m | 40 | | |
| <u>Taking up and removing:</u> | | | | |
| 2 Water or drain pipes not exceeding 150mm diameter, including excavation not exceeding 1m deep, backfilling and compacting to 93% Mod AASHTO density, cutting into and blanking off remaining end of pipes, etc. | m | 25 | | |
| <u>Demolish and remove single storey buildings comprising unreinforced concrete surface bed, corrugated iron roof covering and wall sheeting to timber trusses/ posts, timber doors, etc:</u> | | | | |
| 3 Remaining foundations of damaged administration block size 27,0m long x 9,7m wide on plan. | No | 1 | | |
| <u>SITE CLEARANCE, ETC.</u> | | | | |
| <u>Site clearance, etc.:</u> | | | | |
| 4 Allow for clearing the site of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, concrete surface water channels, debris, etc., including grubbing up all roots, scoffling up as required and carting away. | m ² | 1 800 | | |
| <u>REMOVAL OF TREES, ETC</u> | | | | |
| <u>Cutting down and removing, grubbing up roots and filling in holes:</u> | | | | |
| 5 Tree exceeding 200mm and not exceeding 500mm girth. | No | 4 | | |
| <u>BULK EXCAVATION, FILLING, ETC</u> | | | | |
| <u>Excavation in earth not exceeding 2m deep and dispose in prescribed stockpiles on site including haulage not exceeding 500m from perimeter of excavations:</u> | | | | |
| 6 Open face excavation over sloping site to form platforms under buildings, parking areas, etc. | m ³ | 1 620 | | |
| <u>Extra over bulk excavations in earth for excavations in:</u> | | | | |
| 7 Soft rock. | m ³ | 162 | | |
| 8 Hard rock. | m ³ | 81 | | |
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| <p><u>SECTION NO. 4</u></p> <p><u>EXTERNAL WORKS</u></p> <p><u>BILL NO. 2</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Materials and workmanship:</u></p> <p>Malleable cast iron pipe fittings shall comply with SANS 14.</p> <p>Steel plate flanges for welding shall comply with SANS 1123, nominal working pressure of 1600kPA, drilled to Table 10.</p> <p>Butt weld fittings shall comply with ANSI B16 and BS 1640.</p> <p>Brass gate valves shall comply with SANS 776.</p> <p>Fire hydrant valves shall comply with SANS 1128 Part 1.</p> <p>Hot dip galvanising of mild steel units shall comply with SANS 121 (minimum zinc coating of 0,105mm)</p> <p><u>uPVC pipes and fittings:</u></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings.</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings.</p> <p><u>uPVC pressure pipes and fittings:</u></p> <p>Pipes for water supply shall be of the class stated.</p> <p>Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings.</p> <p>Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints.</p> <p><u>High density polyethylene (HDPE) pipes and fittings</u></p> <p>Pipes shall be of type and class as specified with compression fittings.</p> | | | | |
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| <p><u>Copper pipes:</u></p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be 'Cobra type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground.</p> <p><u>Corrosion protection to steel pipes:</u></p> <p>Corrosion protection to steel pipes shall be in accordance with the manufacturer's recommendations consisting internally and externally of two coats 'Copon EP2300', each coat not less than 0,1mm and not more than 0,125mm thick.</p> <p><u>Reducing fittings:</u></p> <p>Where fittings have reducing ends or branches they are described as 'reducing' and 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.</p> <p><u>Valves, etc:</u></p> <p>Cast iron, ductile iron or SG iron valves, check valves, strainers, etc shall comply with SANS 664 and shall be epoxy coated. Brass gate valves shall comply with SANS 776.</p> <p><u>Excavations:</u></p> <p>No claim for rock excavation will be entertained unless the Contractor has timeously notified the quantity surveyor thereof prior to backfilling.</p> <p>'Soft rock' and 'hard rock' shall be as defined in 'Earthworks'.</p> <p><u>Laying, backfilling, bedding, etc of pipes:</u></p> <p>Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled.</p> <p>Where no manufacturers' instructions exist, pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:</p> <p>SANS 1200 L : Medium pressure pipelines</p> <p>SANS 1200 LD : Sewers</p> <p>SANS 1200 LE : Stormwater drainage</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 4</p> <p>Bill No. 2</p> <p>Plumbing And Drainage</p> | | | | |
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| <p>Pipe trenches, etc shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SANS 1200DB: Earthworks (Pipe trenches)</p> <p>Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SANS 1200LB: Bedding (Pipes)</p> <p>Unless otherwise described bedding of rigid and flexible pipes shall be Class B bedding.</p> <p>The selected granular material for the bedding cradle shall be imported by the contractor from a commercial or other source.</p> <p>Where described as under floors, paving or roads, the backfilling above the pipe bedding shall be selected earth filling from the excavations compacted in 150mm layers to 95% Mod AASHTO density.</p> <p>Minimum cover to pressure pipelines to be 800mm generally and 1000mm under roads.</p> <p><u>Descriptions:</u></p> <p>Descriptions of pipes laid in trenches shall be deemed to include all necessary excavations, risk of collapse, keeping excavations free of water, trimming and ramming bottoms, bedding material, backfilling, compacting to 93% Mod AASHTO density unless otherwise described and carting away surplus excavated material to a dumping site to be located by the contractor.</p> <p><u>Cable duct junction boxes, manholes, etc:</u></p> <p>Junction boxes shall be built with brick-on-flat sides on 50mm unreinforced concrete bottom projecting 100mm beyond walls all around and with 300mm thick reinforced concrete cover slab with opening rebated for frame of cover.</p> <p>Manholes shall be built with one brick sides on 100mm unreinforced concrete bottom projecting 100mm beyond walls all around, plastered internally on walls and with 300mm thick reinforced concrete cover slab with opening rebated for frame of cover.</p> <p><u>As-built drawings:</u></p> <p>Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto originals for handing over to the employer (provision for allowance of as-built drawings elsewhere).</p> | | | | |
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| <u>STORMWATER DRAINAGE</u> | | | | | |
| <u>Class 6 uPVC pipes:</u> | | | | | |
| 1 | 250mm Pipes laid in and including trenches not exceeding 1m deep. | m | 220 | | |
| <u>Grid inlets:</u> | | | | | |
| 2 | Brick junction box 600 x 600mm and not exceeding 1m deep internally. | No | 3 | | |
| 3 | 400 x 400mm x 18.2kg Ductile iron manhole cover and frame with and including galvanised mild steel lock. | No | 3 | | |
| <u>Brick head walls, including in-situ concrete apron slabs, cut-off walls, etc as per headwall detail annexed to these bills of quantities:</u> | | | | | |
| 4 | Head wall for 250mm inlet pipe including scarifying excavated ground under for a depth of 150mm and compacting to 90% Mod AASHTO density, including necessary excavations, etc. | No | 3 | | |
| <u>Stone pitching:</u> | | | | | |
| 5 | 19mm Concrete stone in pitching laid on compacted fill (fill elsewhere) in layers not exceeding 100mm thick. | m ² | 110 | | |
| <u>FRENCH DRAIN</u> | | | | | |
| 6 | Excavation in earth not exceeding 2m deep for french drain. | m ³ | 9 | | |
| 7 | Risk of collapse of sides of trench excavations not exceeding 1,5m deep. | m ² | 21 | | |
| 8 | Earth filling to french drain comprising selected fill from excavations. | m ³ | 3 | | |
| 9 | 19mm Concrete stone in filling to french drain. | m ³ | 6 | | |
| 10 | A4 Geotextile filter fabric blanket with 250mm laps in lining to french drain. | m ² | 20 | | |
| 11 | 110mm Slotted Upvc drainage pipe laid in stone filling. | m | 7 | | |
| <u>TESTING:</u> | | | | | |
| 12 | Testing drainage pipe system. | Item | | | 5 000 00 |
| <u>WATER SUPPLIES</u> | | | | | |
| <u>Class 12 uPVC pipes complying with SANS 4427 with and including approved compression fittings:</u> | | | | | |
| 13 | 40mm Pipes laid in and including trenches not exceeding 1m deep. | m | 35 | | |
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| 14 | 63mm Pipes laid in and including trenches not exceeding 1m deep. | m | 100 | | |
| 15 | 63mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep. | m | 35 | | |
| | <u>Extra over Class 12 uPVC pipes for compression fittings:</u> | | | | |
| 16 | 40mm Elbow. | No | 14 | | |
| 17 | 63mm Elbow. | No | 10 | | |
| 18 | 40mm Tee. | No | 9 | | |
| 19 | 63mm Tee. | No | 24 | | |
| 20 | 63 x 40mm Reducer. | No | 14 | | |
| | <u>Galvanised steel pipes with screwed and socketed joints:</u> | | | | |
| 21 | 50mm Pipes. | m | 21 | | |
| 22 | 100mm Pipes. | m | 11 | | |
| | <u>Extra over galvanised steel pipes with screwed and socketed joints for steel fittings:</u> | | | | |
| 23 | 50mm Bend. | No | 2 | | |
| 24 | 50mm BSP adaptor. | No | 1 | | |
| 25 | 100mm Bend. | No | 2 | | |
| 26 | 100mm Tee. | No | 1 | | |
| | <u>TAPS, VALVES, ETC</u> | | | | |
| 27 | 20mm Brass hose bib-tap. | No | 1 | | |
| 28 | 40mm Brass heavy duty fullway gate valve. | No | 2 | | |
| 29 | 50mm Brass heavy duty fullway gate valve. | No | 1 | | |
| 30 | 100mm Brass heavy duty fullway gate valve. | No | 1 | | |
| | <u>SUNDRIES:</u> | | | | |
| 31 | Unreinforced concrete (15MPa/19mm) in thrust blocks at bends, tees, valves, etc including necessary excavation, formwork, etc. | m³ | 1 | | |
| 32 | 115mm Diameter cast iron valve box type 7 including 300 x 300mm brick chamber below not exceeding 750mm deep internally. | No | 5 | | |
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| 33 | 'Klorman' inline chlorinator including cartridge, installed complete with all fittings, etc. | No | 1 | | |
| | <u>Polyethylene water storage tank:</u> | | | | |
| 34 | 5000 Litre tank, 1800mm diameter x 2040mm high complete with 480mm diameter lid and 40mm inlet, overflow and outlet fittings, the outlet fitted with 40mm shut-off valve and hoist and place on plinth (plinth elsewhere) approximately 200mm above the ground. | No | 10 | | |
| | <u>Drinking fountains:</u> | | | | |
| 35 | Drinking fountain with a standard Star pillar tap as per drinking fountain detail annexed to these bills of quantities. | No | 2 | | |
| | <u>DISINFECTING</u> | | | | |
| 36 | Disinfecting existing water pipe system. | Item | | | 5 000 00 |
| | <u>TESTING:</u> | | | | |
| 37 | Testing water system. | Item | | | 5 000 00 |
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| <p>Cold premix shall be 'Roadmix' or other approved hot-mixed asphalt premix, prepacked and used as cold premix and shall comply with the standard specification for hot-mixed premix, stone/sand grading and type of bitumen binders as specified in 'Standard Specifications for Road and Bridge Works for State Road Authorities (COLTO - 1998)'.</p> <p>Rates for all road markings are to include for all necessary setting out and premarking:</p> <p>All 'Measurement and Payment' clauses in the SANS 1200 Specification shall be deemed to be deleted.</p> <p><u>Fencing:</u></p> <p>Hot-dip galvanising shall comply with SANS 121 and ISO 1461:2000.</p> <p>Descriptions of all posts with concrete bases shall be deemed to include excavations, risk of collapse, keeping excavations free of water, trimming and ramming bottoms, formwork, backfilling, compacting to 93% Mod AASHTO density and carting away surplus excavated material to a dumping site to be located by the contractor.</p> <p>No claim for rock excavation shall be entertained unless the Contractor has timeously notified the quantity surveyor thereof prior to backfilling.</p> <p><u>DECANTING CLASSROOM STRUCTURES</u></p> <p><u>Site clearance:</u></p> <p>1 Allow for clearing the site of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, concrete surface water channels, debris, etc., including grubbing up all roots, scoffeling up as required and carting away.</p> <p><u>Excavation in earth not exceeding 2m deep:</u></p> <p>2 Reduced levels under floors.</p> <p><u>Extra over trench and hole excavations in earth for excavation in:</u></p> <p>3 Soft rock.</p> <p>4 Hard rock.</p> <p><u>Extra over all excavations for carting away:</u></p> <p>5 Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.</p> | | | | |
| | m ² | 390 | | |
| | m ³ | 117 | | |
| | m ³ | 10 | | |
| | m ³ | 5 | | |
| | m ³ | 117 | | |
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| | <u>Earth filling of G7 subbase material supplied by the Contractor, compacted to 95% Mod AASHTO density:</u> | | | | |
| 6 | Under floors, etc. | m ³ | 59 | | |
| | <u>Compaction of surfaces:</u> | | | | |
| 7 | Compaction of ground surface under floors, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density. | m ² | 450 | | |
| | <u>25Mpa/19mm Unreinforced concrete:</u> | | | | |
| 8 | Surface beds on waterproofing. | m ³ | 225 | | |
| | <u>Finishing top surface of concrete smooth with a wood float:</u> | | | | |
| 9 | Surface beds, etc. | m ² | 240 | | |
| | <u>Rough formwork to sides (degree of accuracy III):</u> | | | | |
| 10 | Edges, risers, ends and reveals not exceeding 300mm high. | m | 470 | | |
| | <u>Demolition of temporary decanting structures upon practical completion:</u> | | | | |
| 11 | Carefully disassemble temporary monopitched decanting single classroom structure size 9.30 x 5.8 x 2.7m high extreme as per 'decanting' drawing annexed to these bills of quantities for tender purposes, set aside materials and handover to employer. | No | 5 | | |
| 12 | Break up and remove concrete surface bed 9,30 x 5,8 x 0,05m thick including 200 x 150mm thick edge beams and 450 x 450 x 450mm high concrete pad footings, including excavations, carting away, filling up holes, etc and reinstate area complete. | No | 5 | | |
| | <u>DECANTING CLASSROOMS</u> | | | | |
| | <u>Design, supply, erect and commission the following Temporary decanting classrooms</u> | | | | |
| 13 | Classroom unit size 8.14m long x 7.06m wide complete with windows glazed with 6.3mm laminated safety glass, external door with steps, vinyl floor tiles, white boards, pinning boards, teacher's cupboard and all electrical installations all as specified. | No | 5 | | |
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| <u>CONCRETE APRONS</u> | | | | |
| <u>Excavation in earth not exceeding 2m deep:</u> | | | | |
| 14 | Excavate in earth not exceeding 2m deep for reduced levels under aprons. | m³ | 65 | |
| <u>Extra over all excavations for carting away (no allowance made for bulk):</u> | | | | |
| 15 | Extra over all excavations for loading, carting away and dumping surplus excavated material at a site to be located by the contractor. | m³ | 65 | |
| <u>Earth filling supplied by the Contractor under aprons:</u> | | | | |
| 16 | G7 material inaccordance with SABS 1220ME compacted to 95% Mod AASHTO density. | m³ | 39 | |
| <u>Compaction of surfaces:</u> | | | | |
| 17 | Compaction of ground surface under channels, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density. | m² | 259 | |
| <u>25MPa/19mm Unreinforced concrete:</u> | | | | |
| 18 | In aprons cast in panels. | m³ | 26 | |
| <u>Rough formwork to sides:</u> | | | | |
| 19 | Rough formwork to edges, risers, etc not exceeding 300mm high. | m | 356 | |
| <u>Finishing top surface of concrete to an evenly ribbed non-slip surface:</u> | | | | |
| 20 | Aprons to falls. | m² | 259 | |
| <u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces:</u> | | | | |
| 21 | 10mm Joints not exceeding 300mm high. | m | 430 | |
| <u>Two-part polysulphide sealing compound including bond breaker, primer, etc:</u> | | | | |
| 22 | 10 x 10mm In expansion joint including raking out joint filler as necessary. | m | 430 | |
| <u>Fabric reinforcement:</u> | | | | |
| 23 | Mesh Ref. 193 fabric reinforcement in concrete aprons. | m² | 233 | |
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| | | Unit | Quantity | Rate | Amount |
|---|---|----------------|----------|------|--------|
| <u>INTERLOCKING BLOCK RETAINING WALLS</u> | | | | | |
| <u>Terraforce L13 precast concrete interlocking blocks finished smooth on exposed surfaces:</u> | | | | | |
| 24 | Retaining wall with stepped face and curves as required comprising one row of 340 x 425 x 225mm high interlocking blocks per course laid with horizontal bed joints and 10MPa/19mm concrete keys to suit slopes including filling units with selected earth obtained from excavations and/or prescribed stock piles compacted to 90% Mod AASHTO density as the work proceeds. | m ² | 60 | | |
| 25 | Extra over last for 850 wide x 250mm thick unreinforced concrete (15MPa/19mm) strip footing cast against excavated surfaces including excavation, risk of collapse, keeping excavations free from water, backfilling and carting away surplus excavated material. | m | 20 | | |
| 26 | Ditto but for filling top row of blocks with unreinforced concrete (15MPa/19mm). | m | 20 | | |
| <u>'Kaytech Flo-drain' system</u> | | | | | |
| 27 | 'Kaytech Flo-drain' system not exceeding 1500mm high with 110mm diameter geopipe and place in position behind retaining wall. | m | 3 | | |
| 28 | 'Kaytech Flo-drain' system not exceeding 1700mm high with 110mm diameter geopipe and place in position behind retaining wall. | m | 7 | | |
| 29 | 'Kaytech Flo-drain' system not exceeding 2000mm high with 110mm diameter geopipe and place in position behind retaining wall. | m | 50 | | |
| 30 | Extra for end of 'Kaytech Flo-drain' wrapped in grade A2 (U14) geotextile filter fabric and stapled. | No | 2 | | |
| 31 | Extra for 110mm capped end. | No | 2 | | |
| 32 | Extra for 110mm bend. | No | 2 | | |
| <u>Drainage sand supplied by contractor:</u> | | | | | |
| 33 | Backfilling behind retaining walls. | m ³ | 22 | | |
| <u>Galvanised 'Maclock' or equal and approved heavy duty balustrading 1050mm high comprising ball type staunchions, tube handrails with one intermediate rail:</u> | | | | | |
| 34 | 38mm Diameter handrails and intermediate rails. | m | 50 | | |
| 35 | 48mm Diameter staunchions (Type BX90). | No | 26 | | |
| Carried to Collection | | | | R | |
| Section No. 4 | | | | | |
| Bill No. 3 | | | | | |
| External Works | | | | | |

| | | Unit | Quantity | Rate | Amount |
|----|--|------|----------|------|--------|
| 36 | Extra for 90° closure (Item 18) | No | 14 | | |
| 37 | Extra for 90° short radius bend (Item 20) | No | 6 | | |
| 38 | 16mm Diameter x 40mm chemical anchor. | No | 100 | | |
| | <u>STORMWATER CHANNELS, ETC</u> | | | | |
| | <u>Excavation in earth not exceeding 2m deep:</u> | | | | |
| 39 | Excavation in earth not exceeding 2m deep for reduced levels under concrete aprons, channels, etc. | m³ | 8 | | |
| | <u>Extra over all excavations for carting away:</u> | | | | |
| 40 | Extra over all excavations for loading, carting away and dumping surplus excavated material at a site to be located by the contractor. | m³ | 8 | | |
| | <u>Compaction of surfaces:</u> | | | | |
| 41 | Compaction of ground surface under channels, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density. | m² | 52 | | |
| | <u>Precast concrete channels:</u> | | | | |
| 42 | Precast concrete channel 600mm wide formed of two type C1 channels 300mm wide x 125mm tapering to 90mm high and butt jointed. | m | 150 | | |
| | <u>Grid inlets:</u> | | | | |
| 43 | Brick catchpit 380 x 380 x 750mm deep internally including precast cover slab, benching, etc. | No | 3 | | |
| 44 | 380 x 380mm 'St Gobain code 2940' square dished grating and frame. | No | 3 | | |
| | <u>CONCRETE STAIRS</u> | | | | |
| | <u>Filling supplied by the Contractor under stairs, etc:</u> | | | | |
| 45 | G7 material in accordance with SABS 1200ME compacted to 95% Mod AASHTO density. | m³ | 1 | | |
| | <u>25MPa/19mm Reinforced concrete:</u> | | | | |
| 46 | Stairs, landings, etc. | m³ | 2 | | |
| | <u>Smooth formwork to sides:</u> | | | | |
| 47 | Edges, risers, etc not exceeding 300mm high. | m | 39 | | |
| 48 | Raking stepped outer edge of steps not exceeding 300 high. | m | 13 | | |
| | Carried to Collection | | | R | |
| | Section No. 4 | | | | |
| | Bill No. 3 | | | | |
| | External Works | | | | |

| | Unit | Quantity | Rate | Amount |
|--|---|----------------|------|--------|
| <u>Finishing top surface of concrete smooth with a wood float:</u> | | | | |
| 49 | Treads and landings of concrete stairs. | m ² | 9 | |
| <u>Fabric reinforcement:</u> | | | | |
| 50 | Type 193 fabric reinforcement in concrete surface beds, steps, etc. | m ² | 9 | |
| <u>PLINTH FOR WATER TANKS</u> | | | | |
| <u>Excavation in earth not exceeding 2m deep:</u> | | | | |
| 51 | Excavate in earth not exceeding 2m deep for reduced levels under plinth. | m ³ | 29 | |
| <u>Extra over all excavations for carting away:</u> | | | | |
| 52 | Extra over all excavations for loading, carting away and dumping surplus excavated material at a site to be located by the contractor. | m ³ | 29 | |
| <u>Risk of collapse of excavations:</u> | | | | |
| 53 | Risk of collapse of sides of trench excavations not exceeding 1,5m deep. | m ² | 58 | |
| <u>Filling supplied by the Contractor under water tank plinths:</u> | | | | |
| 54 | G7 material in accordance with SABS 1200ME compacted to 95% Mod AASHTO density. | m ³ | 7 | |
| 55 | Base course of G7 material stabilised with 2% Portland blast furnace cement by volume in accordance with SABS 1200ME compacted to 95% Mod AASHTO density. | m ³ | 7 | |
| <u>25MPa/19mm reinforced concrete:</u> | | | | |
| 56 | Reinforced concrete in slab. | m ³ | 14 | |
| 57 | Finishing top surface of concrete slab smooth with a wood float. | m ² | 48 | |
| <u>Rough formwork to sides:</u> | | | | |
| 58 | Rough formwork to edges, risers, etc not exceeding 300mm high. | m | 58 | |
| <u>Fabric reinforcement:</u> | | | | |
| 59 | Type 193 fabric reinforcement in concrete slab. | m ² | 87 | |
| Carried to Collection | | | | R |
| Section No. 4 | | | | |
| Bill No. 3 | | | | |
| External Works | | | | |

4-20

| | | Unit | Quantity | Rate | Amount |
|---|---|------|----------|----------|--------|
| <u>PARKING AREAS, WALKWAYS, RAMPS, ETC</u> | | | | | |
| <u>Excavation in earth not exceeding 2m deep:</u> | | | | | |
| 60 | Excavate in earth not exceeding 2m deep for reduce levels under parking areas, walkways, ramps, etc. | m³ | 393 | | |
| <u>Extra over excavation in earth for reduced levels for excavation in:</u> | | | | | |
| 61 | Soft rock. | m³ | 59 | | |
| 62 | Hard rock. | m³ | 31 | | |
| <u>Extra over all excavations for carting away:</u> | | | | | |
| 63 | Extra over all excavations for loading, carting away and dumping surplus excavated material at a site to be located by the contractor. | m³ | 393 | | |
| <u>Earth filling supplied by the Contractor under parking areas, walkways, ramps, etc:</u> | | | | | |
| 64 | G7 material in accordance with SANS 1200 ME compacted to 95% Mod AASHTO density. | m³ | 273 | | |
| 65 | Base course of G7 material stabilised with 2% Portland blast furnace cement by volume and compacted to 95% Mod AASHTO density. | m³ | 59 | | |
| <u>Compaction of surfaces:</u> | | | | | |
| 66 | Compaction of ground surface under paving to parking areas, walkways, ramps, etc including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density. | m² | 1 431 | | |
| <u>Prescribed density tests on filling:</u> | | | | | |
| 67 | Modified AASHTO density test. | No | 20 | | |
| <u>25Mpa/19mm Reinforced concrete:</u> | | | | | |
| 68 | Surface beds, walkways, etc. | m³ | 38 | | |
| 69 | Ramps, cast in panels. | m³ | 13 | | |
| <u>Test cubes:</u> | | | | | |
| 70 | Making and testing set of three 150 x 150 x 150mm concrete strength test cubes. | No | 5 | | |
| <u>Rough formwork to sides:</u> | | | | | |
| 71 | Edges, risers, ends, etc not exceeding 300mm wide. | m | 448 | | |
| | | | | R | |
| Carried to Collection | | | | | |
| Section No. 4 Bill No. 3 External Works | | | | | |

4-21

| | | Unit | Quantity | Rate | Amount |
|----|---|----------------|----------|------|--------|
| | <u>Finishing top surfaces of concrete smooth with a wood float:</u> | | | | |
| 72 | Surface beds, walkways, etc. | m ² | 471 | | |
| | <u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface:</u> | | | | |
| 73 | Sloping top surfaces of ramps. | m ² | 128 | | |
| | <u>Expansion joints with with bitumen impregnated softboard between vertical concrete surfaces:</u> | | | | |
| 74 | 10mm Joints not exceeding 300mm high. | m | 188 | | |
| | <u>Fabric reinforcement:</u> | | | | |
| 75 | Type 245 fabric reinforcement in concrete walkways, ramps, etc. | m ² | 475 | | |
| 76 | Type 311 fabric reinforcement in concrete ramps, etc. | m ² | 128 | | |
| | <u>Two-part polysulphide sealing compound including bond breaker, primer, etc:</u> | | | | |
| 77 | 10 x 10mm Expansion joint including raking out expansion joint filler as necessary. | m | 188 | | |
| | <u>Bond concrete block paving of 200 x 100 x 50mm thick coloured bevel edge concrete (25MPa) paving blocks on and including 25mm thick river sand bed with dry filler sand swept and vibrated into joints, all laid on gravel base (base elsewhere) conforming to SANS 1200MF degree of accuracy 1:</u> | | | | |
| 78 | Paving in herringbone bond to quad areas to falls, with and including header course band along edges. | m ² | 575 | | |
| | <u>60mm Standard grey interlocking concrete (25 MPa) paving blocks from stockpile (removal elsewhere measured) on and including 25mm thick river sand bed with dry filler sand swept and vibrated into joints, all laid on subgrade (subgrade elsewhere) conforming to SANS 1200MF degree of accuracy 1:</u> | | | | |
| 79 | Paving to parking areas to falls. | m ² | 50 | | |
| | <u>60mm Standard grey interlocking concrete (25 MPa) paving blocks on and including 25mm thick river sand bed with dry filler sand swept and vibrated into joints, all laid on subgrade (subgrade elsewhere) conforming to SANS 1200MF degree of accuracy 1:</u> | | | | |
| 80 | Paving to parking areas to falls. | m ² | 390 | | |
| 81 | Fair circular cutting. | m | 20 | | |
| | Carried to Collection | | | R | |
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| | | Unit | Quantity | Rate | Amount |
|----|--|------|----------|------|--------|
| | <u>Precast concrete kerbing in 1m lengths finished smooth on exposed faces, placed in position, bedded and jointed in (3:1) cement mortar and flush pointed on exposed faces, including 15MPa/19mm unreinforced concrete continuous bedding and haunching, excavation, backfilling, ramming, etc:</u> | | | | |
| 82 | Barrier kerb (Figure 7), size 180 x 280mm high overall to parking area. | m | 120 | | |
| 83 | Barrier kerb (Figure 7), circular-on-plan to radius exceeding 2m, size 180 x 280mm high overall to parking area. | m | 20 | | |
| | <u>Prepare and apply one coat non-reflective road marking paint at nominal rate of 0,42L/m2 on precast concrete paving blocks, etc:</u> | | | | |
| 84 | 100mm Wide solid white line. | m | 30 | | |
| 85 | 100mm Wide solid yellow line. | m | 5 | | |
| 86 | Yellow disabled persons vehicle symbol 600 x 800mm wide extreme. | No | 1 | | |
| | <u>ENTRANCE FEATURE WALLS</u> | | | | |
| | <u>Excavations in earth not exceeding 2m deep:</u> | | | | |
| 87 | Trenches. | m³ | 6 | | |
| | <u>Extra over all excavations for carting away (no allowance made for increase in bulk):</u> | | | | |
| 88 | Surplus material from excavations and/or stock piles on site to a dumping site to be selected by the contractor. | m³ | 4 | | |
| | <u>Risk of collapse of excavations.</u> | | | | |
| 89 | Sides of trench and hole excavations not exceeding 1.5m deep. | m² | 13 | | |
| | <u>Filling with selected earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod. AASHTO density:</u> | | | | |
| 90 | To trenches, holes, etc. | m³ | 2 | | |
| | <u>Earth filling supplied by the Contractor under parking areas, walkways, etc:</u> | | | | |
| 91 | Base course of G7 material compacted to 98% Mod AASHTO density under parking areas, walkways, etc | m³ | 1 | | |
| | <u>Keeping excavations free of water:</u> | | | | |
| 92 | Keeping excavations free of water. | Item | | | |
| | Carried to Collection | | | R | |
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| | | Unit | Quantity | Rate | Amount |
|-----|---|----------------|----------|------|--------|
| | <u>25Mpa/19mm Unreinforced Concrete:</u> | | | | |
| 93 | Strip footings. | m ³ | 3 | | |
| | <u>25Mpa/19mm Reinforced Concrete:</u> | | | | |
| 94 | Surface beds cast in panels on waterproofing. | m ³ | 1 | | |
| | <u>Finishing top surfaces of concrete smooth with a wood float:</u> | | | | |
| 95 | Surface beds, etc. | m ² | 8 | | |
| | <u>Fabric reinforcement:</u> | | | | |
| 96 | Type 245 fabric reinforcement in concrete surface beds, etc. | m ² | 8 | | |
| | <u>Precast concrete:</u> | | | | |
| 97 | Precast concrete slab as seat 540mm wide and tapered from 75mm to 60mm thick, in suitable lengths, finished smooth on top, chamfered nosing and exposed edge. | m | 2 | | |
| | <u>Brickwork of NFX bricks in class II mortar in foundations:</u> | | | | |
| 98 | One brick wall of two half brick skins including wire ties. | m ² | 6 | | |
| 99 | One and a half brick wall. | m ² | 1 | | |
| | <u>Brickwork of NFP bricks in class II mortar in superstructure:</u> | | | | |
| 100 | Half brick walls. | m ² | 1 | | |
| 101 | One brick wall of two half brick skins including wire ties. | m ² | 5 | | |
| 102 | One and a half brick wall. | m ² | 5 | | |
| 103 | Form recessed panel 5000mm wide x 1105mm high x 110mm deep in face of one and a half brick wall. | No | 1 | | |
| | <u>Galvanised brick reinforcement:</u> | | | | |
| 104 | 75mm Wide reinforcement built in horizontally in foundations. | m | 14 | | |
| 105 | 75mm Wide reinforcement built in horizontally. | m | 52 | | |
| 106 | 150mm Wide reinforcement built in horizontally in foundations. | m | 64 | | |
| 107 | 150mm Wide reinforcement built in horizontally. | m | 20 | | |
| | Carried to Collection | | | R | |
| | Section No. 4 | | | | |
| | Bill No. 3 | | | | |
| | External Works | | | | |

| | | Unit | Quantity | Rate | Amount |
|-----------------------|---|----------------|----------|------|--------|
| | <u>Face bricks (Allow a PC amount of R 6000.00 per 1000 bricks supplied and delivered to site) pointed with recessed horizontal and vertical joints::</u> | | | | |
| 108 | Extra over brickwork for face brickwork in foundations. | m ² | 3 | | |
| 109 | Extra over brickwork for face brickwork. | m ² | 26 | | |
| 110 | 220mm Brick-on-edge header course coping pointed on top and both sides. | m | 5 | | |
| 111 | 330mm Brick-on-edge header course coping pointed on top and both sides. | m | 7 | | |
| | <u>One layer 250 micron black polyethylene waterproof sheeting (SANS 952 Type C) laid with minimum 150mm overlaps and sealed with pressure sensitive tape:</u> | | | | |
| 112 | Under surface beds. | m ² | 8 | | |
| | <u>5:1 Cement plaster on brickwork:</u> | | | | |
| 113 | On walls. | m ² | 6 | | |
| | <u>Prepare surface and apply one coat Plascon Professional Alkali Resistant Plaster Primer and two coats Plascon Professional Superior Low Sheen acrylic emulsion paint or similar approved:</u> | | | | |
| 114 | On external walls. | m ² | 6 | | |
| | <u>SIGNAGE, ETC.</u> | | | | |
| | <u>Standard traffic signs (600mm diameter and 900mm triangular) in accordance with South African Road Signs Manual comprising reflective face on reinforced aluminium backing fixed to and including galvanised mild steel posts with unreinforced concrete (20MPa/19mm) base 800 x 800 x 800mm deep including excavation, removal of surplus material from site, etc:</u> | | | | |
| 115 | Stop code R1. | No | 2 | | |
| Carried to Collection | | | | R | |
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EXTERNAL WORKS
COLLECTION

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External Works

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SECTION NO. 5
PROVISSIONAL SUMS

Amount

SECTION NO. 5**PROVISSIONAL SUMS****SUPPLEMENTARY PREAMBLES****General**

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

PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS**PROVISIONAL SUMS FOR DOMESTIC SUBCONTRACT WORKS****ELECTRICAL INSTALLATION**

- 1 Provide the amount of R1 000 000.00 (one million thousand rand) for electrical installation, including repairs and renovations to existing buildings, upgrading of Eskom connection, etc.

Item 1 000 000 00

- 2 Profit on above item.

Item

- 3 Attendance on ditto.

Item

The following provisional amounts are for work to be carried out by domestic sub-contractors in terms of clause 23 of the Principal Building Agreement:

MECHANICAL VENTILATION

- 4 Provide the amount of R 50 000.00 (Fifty Thousand Rand) for mechanical ventilation.

Item 50 000 00

- 5 Profit on above item.

Item

- 6 Attendance on ditto.

Item

KITCHEN EQUIPMENT

- 7 Provide the amount of R 50 000.00 (Fifty Thousand Rand) for kitchen equipment.

Item 50 000 00

- 8 Profit on above item.

Item

- 9 Attendance on ditto.

Item

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Section No. 5

Bill No. 1

Provisional Sums

| | | Amount | |
|--|---|--------|------------|
| <u>BUDGETARY ALLOWANCES</u> | | | |
| <u>The following budgetary allowances are for work to be executed by specialist subcontractors:</u> | | | |
| <u>The following budgetary allowances are for work to be executed by the contractor or his domestic subcontractors:</u> | | | |
| 10 | Provide the amount of R20 000.00 (Twenty Thousand Rand) for the supply and installation of entrance wall signage. | Item | 20 000 00 |
| 11 | Provide the amount of R100 000.00 (One Hundred Thousand Rand) for repairs and renovations including honey sucking to existing toilets. | Item | 100 000 00 |
| <u>Targeted Labour Allowances:</u> | | | |
| 12 | Provide the amount of R 72 000.00 (Seventy Two Thousand Rand) for the employment during the construction period of a community liaison officer. | Item | 72 000 00 |
| 13 | Profit and attendance on above item. | Item | |
| <u>MONETARY ALLOWANCES</u> | | | |
| <u>The following monetary provisions are to be omitted from the contract sum and used as directed below:</u> | | | |
| 14 | Provide the amount of R 500 000.00 (Five Hundred Thousand Rand) for contingencies, to be used by the Principal Agent in terms of clause 17 of the Principal Building Agreement. | Item | 500 000 00 |
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SECTION NO. 5
PROVISSIONAL SUMS
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| 3 | ADMIN BLOCK |
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| 5 | PROVISSIONAL SUMS |
| | SubTotal excluding Value Added Tax |
| | ADD VAT @ 15%: |
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FINAL SUMMARY

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

C4 Site Information – Existing operational education facilities

| GPS CO-ORDINATES | |
|------------------|--------------|
| GIS_Longitude | GIS_Latitude |
| -31.73799 | 28.4698 |

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 CONTRACTOR FOR JONGINTABA SSS |
| Bid No: | SCMU6-25/26-0003 |

[illegible]