



BID NO: WMM LM 00071

**CONSTRUCTION OF 05 ABLUTION FACILITIES AND DLTC
BUILDING REFURBISHMENT**

(CIDB CATEGORY: 5 GB OR HIGHER)

PROCUREMENT DOCUMENT

Name of Bidder:

.....

This Bid closes at 12h00 on Monday, 05 October 2026 Tender documents to be emailed back to tenders.scm@mbizana.gov.za. The successful bidder will be required to submit the original bid document

NO LATE SUBMISSIONS WILL BE CONSIDERED

BID AMOUNT R

Issued by:
Winnie Madikizela-Mandela Local Municipality
51 Winnie Madikizela Mandela Street,
Mbizana
4800
Snr Manager: Community Services
Contact Name: Mr S.Mtshengu
Telephone: (039) 251 0230

Prepared By:
VHB Associates
Suite No.1, Bisset House
48 Bisset Street
Port Shepstone
4240

Contact Name: Mr V. Bridglall
Telephone: (039) 032 0003



**WINNIE MADIKIZELA MANDELA LOCAL MUNICIPALITY
RE-ADVERT**

NO	PROJECT NAME	CONTRACT NUMBER	CIDB GRADE	CLOSING DATE
1	Construction of 05 Ablution Facilities and DLTC Building Refurbishment	WMM LM 00071	5 GB or Higher	05 October 2026@12H00

Bids are hereby invited from suitably qualified and accredited service providers who are interested to submit their tender responses for the above-mentioned projects for Winnie Madikizela-Mandela Local Municipality.
Bid documents are available to be downloaded from e-tender portal website on www.etenders.gov.za at no cost
Bids should score a minimum of 70% points on the functionality evaluation in order to be considered for further evaluation.
Bids will be evaluated on the **80/20** preferential points system

Failure to submit the following document(s) completed in full will render the bid not responsive:

- A completed original document issued by the municipality
- CIPC Registration Documents, Certified ID Copy(ies) of Director(s) (not older than 3 months), proof of CSD Registration
- A valid Tax PIN printout provided by SARS
- Fully completed and signed bid documents MBD1, MBD4, MBD6.1, MBD6.2, MBD6.4 MBD 8 and MBD 9
- A signed certification/letter by the bidder confirming that no undisputed municipal accounts are overdue by more than 30 days and no account has not been declared as well as proof thereof. (Include declaration and proof for directors not more than three months for project No.4)
- Evaluation Criteria: 80 = Price, 20 = Specific Goals as per the attached MBD 6.1 respectively
- In case of a joint venture, valid Tax Pin printouts of all partners should be submitted as well as a signed agreement by all parties clearly indicating the lead partner
- The Minimum Threshold for Local Content for the above-mentioned Project is 100%

Advert Date: 18 September 2026

Publication: Municipal Website, e-tender portal.

Closing Date: All tenders must be emailed to tenders.scm@mbizana.gov.za by no later than the date and time stated above **after which they will be opened.**

The municipality will only consider bids submitted on the original bid documentation provided by the municipality. All tenders must be clearly marked the Name of the project and Reference number indicated above. Failure to do so, your tender may not be considered. Any unsigned alterations in the BOQ/Quotation/Pricing schedule to the tender document shall render the submission invalid.

The Municipality will not consider any bidder whose total turnover from taxable supplies has exceeded R2.3 million and who is not registered for VAT, or who has not submitted proof of VAT registration before the closing date of the bid(s) specified in this notice.

No late, hand delivered, incomplete or facsimile bids will be accepted for consideration. The only or lowest bid received shall not necessarily be accepted. Winnie Madikizela-Mandela Local Municipality reserves the right to accept part of or the full bid. For technical enquiries, please contact Senior Manager: Community Services, Mr S.Mtshengu @ 072 122 1139 during working hours Email: mtshengus@mbizana.gov.za Supply Chain Management related enquiries, please contact Mr Z. Khala at 079 886 0942 email: khalaz@mbizana.gov.za / info.scm@mbizana.gov.za during working hours

.....
Mr. L. Mahlaka
Municipal Manager

WINNIE MADIKIZELA-MANDELA LOCAL MUNICIPALITY

CONSTRUCTION OF 05 ABLUTION FACILITIES AND DLTC BUILDING REFURBISHMENT

BID No.: WMM LM 00071

PROCUREMENT DOCUMENT

FOREWORD

This document consists of two distinct clusters, namely the BID and the CONTRACT.

The BID consists of two parts, namely:

- **B1: Bidding Procedures** to be complied with by every Bidder submitting a Bid offer; and
- **B2: Documents to be returned by the Bidder**, including the returnable schedules and forms to be completed by each Bidder, some of which will eventually be incorporated into the contract between the successful Bidder and the Employer.

The CONTRACT consists of five parts, namely:

- **C1: Contract Data and Agreements;**
- **C2: Pricing Data;**
- **C3: Scope of Work**
- **C4: Site Information;** and
- **C5: Annexures** (that may have a bearing on the contract).

Each part or volume is preceded by its own table of contents.

CONTRACT

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Letter of Consent

Name and Address of organization

The Municipal Manager

Winnie Madikizela-Mandela Local Municipality

P.O. Box 12

Bizana

4800

Sir/Madam

Granting of authority to request information from any legal entity relevant to this Bid

I/we acknowledge that the information herein contained shall constitute the basis on which my/our Bid is to be considered. I/we grant approval that any source regarding this Bid may be fully investigated and that all such information shall be of material value to Winnie Madikizela-Mandela Local Municipality and directly relevant to the consideration of my/our Bid.

(Name of the Company Representative) _____ grant my/our consent to such source to provide confidential information.

I/we warrant that all the information herein contained is to the best of my/our knowledge and belief true and correct in all material respects and I/we am /are not aware of any information which, should it become known to the Winnie Madikizela-Mandela Local Municipality, would affect the consideration of my/our Bid in any way. The Winnie Madikizela-Mandela Local Municipality wishes to inform you that all information regarding your personal matters is treated as strictly confidential.

Please tick the appropriate box.

	I/We hereby consent to the above
	I/We hereby withhold consent and fully understand the implications and ramifications of my/our decision and will not hold the Winnie Madikizela-Mandela Local Municipality responsible for not considering my/our Bid.

Signature: Date:

Witness: Signature:

PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF MUNICIPALITY/ MUNICIPAL ENTITY)					
BID NUMBER:	WMM LM 00071	CLOSING DATE:	05 October 2026	CLOSING TIME:	12H00
DESCRIPTION					
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					
BID RESPONSE DOCUMENTS MAY BE SENT VIA EMAIL TO THE EMAIL ADDRESS PROVIDED BELOW OR AS PER TENDER REQUIREMENTS					
TENDERS.SCM@MBIZANA.GOV.ZA for tenders above R300 000 inclusive of VAT					
OR					
QUOTES.SCM@MBIZANA.GOV.ZA for quotations below R300 000 but above R30 000 inclusive of VAT					
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					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
PEOPLE LIVING WITH DISABILITY [TICK APPLICABLE BOX]	☐ Yes ☐ No		MILITARY VETERAN	☐ Yes ☐ No	
[DOCUMENTARY PROOF/ SWORN AFFIDAVIT (FOR PEOPLE LIVING WITH DISABILITIES) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR TARGETED GOALS]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]	
TOTAL NUMBER OF ITEMS OFFERED			TOTAL BID PRICE	R	
SIGNATURE OF BIDDER			DATE		
CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT			CONTACT PERSON		
CONTACT PERSON			TELEPHONE NUMBER		
TELEPHONE NUMBER			FACSIMILE NUMBER		
FACSIMILE NUMBER			E-MAIL ADDRESS		
E-MAIL ADDRESS					

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 ONLINE 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.										
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 VIEW THE TAXPAYER'S PROFILE AND TAX STATUS. 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E- FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E- FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA. 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3. 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID. 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER. 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.										
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS										
<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?</td> <td style="width: 30%; text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> </table> 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 ABOVE.	3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO	3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO	3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO	3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO	3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO									
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO									
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO									
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO									
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO									

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

B2: RETURNABLE DOCUMENTS

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B2.1: LIST OF RETURNABLE DOCUMENTS

B2.1 LIST OF RETURNABLE DOCUMENTS

The Bid Document must be submitted as a whole. All forms must be properly completed as required, and the document shall not be taken apart or altered in any way whatsoever

All the documents that will eventually form part of the contract are listed in the Bid Data. Returnable schedules and forms are included in B2.2 hereafter.

The list of returnable documents comprise the following:

tick ☒

1. RETURNABLE SCHEDULES AND OTHER DOCUMENTS REQUIRED FOR BID EVALUATION PURPOSES

- Details of Registration with CIDB ☐
- Certificate of Attendance at Site Meeting n/a
- Certificate of Authority for Signatory and Registration/ID ☐
- Bidder's Financial Standing ☐
- Copy of Cancelled Cheque for Company ☐
- Certified VAT Registration Certificate ☐
- Tax Clearance Certificate/Pin number..... ☐
- Skills Development Levy Certificate ☐
- Workmen's Compensation Registration Certificate ☐
- Schedule of Similar Work Undertaken..... ☐
- Compulsory Enterprise Questionnaire..... ☐
- Declaration of Interest..... ☐
- Company / CC / Trust / Partnership / registration certificates ☐
- Health and Safety Declaration ☐
- ID certificate(s) of all directors, members and/or shareholders ☐
- Joint Venture Agreement and Power of attorney in case of Joint Ventures ☐
- Form of intent by bank or insurance company to provide a performance guarantee..... ☐
- Exempted Micro Enterprises (EMEs) must submit a certificate issued by a registered auditor, accounting officer (as contemplated in section 60(4) of the Close Corporation Act, 1984 (Act No. 69 of 1984)) or an accredited verification agency..... ☐
- Originally certified copy of a Valid B-BBEE status level verification certificate issued by a verification agency accredited by SANAS (Joint Venture bidders must produce a combine B-BBEE status level verification)..... ☐
- CSD certificate ☐

Note: Bidder to tick off each box to ensure that the necessary schedules and documents have been filled in and are included into the Bid document.

B2.2 RETURNABLE SCHEDULES AND FORMS

B2.2.1 RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES.

- A CERTIFICATE OF ATTENDANCE AT SITE MEETING
- B COMPULSORY ENTERPRISE QUESTIONNAIRE
- C RECORD OF ADDENDA TO BID DOCUMENTS
- D CERTIFICATE OF AUTHORITY FOR SIGNATORY
- E PLANT AND EQUIPMENT
- F EXPERIENCE OF BIDDER
- G PRESENT COMMITMENTS
- H PROPOSED SUBCONTRACTORS
- I KEY PERSONNEL
- J CURRICULUM VITAE OF KEY PERSONNEL
- K PRELIMINARY PROGRAMME
- L AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES
- M CONTRACTOR'S HEALTH AND SAFETY PLAN AND DECLARATION
- N CONTRACTOR'S CERTIFICATE OF REGISTRATION WITH CIDB
- O TAX CLEARANCE CERTIFICATE
- P BIDDER'S FINANCIAL STANDING
- Q FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE
- R DECLARATION OF INTEREST
- S CERTIFICATE OF INDEPENDENT BID DETERMINATION
- T RATES AND MUNICIPAL SERVICES CLEARANCE CERTIFICATE
- U PROOF OF PURCHASE OF BID DOCUMENTS.
- V COPY OF CANCELLED CHEQUE FOR COMPANY OR LETTER FROM THE BANK
- W SKILLS DEVELOPMENT LEVY CERTIFICATE
- X WORKMEN'S COMPENSATION REGISTRATION CERTIFICATE (letter of good Standing)
- Y UNEMPLOYMENT INSURANCE FUND (UIF) REGISTRATION CERTIFICATE
- Z FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE
- AA BBBEE CERTIFICATE
- AB CSD CERTIFICATE
- ~~AC FINANCIALS — 3 YEARS~~

NOTE: The Bidder is required to complete each and every schedule and form listed above to the best of his ability as the evaluation of Bids and the eventual contract will be based on the information provided by the Bidder. Failure of a Bidder to complete the schedules and forms to the satisfaction of the Employer will inevitably prejudice the Bid and may lead to rejection on the grounds that the Bid is not responsive. The same applies to the Preferential Procurement Schedule in B2.2.2.

The following schedules and forms may or will be incorporated into the Contract:

- PLUS THE PREFERENTIAL PROCUREMENT SCHEDULE AND AFFIDAVIT IN B2.2.2

A. CERTIFICATE OF ATTENDANCE AT SITE MEETING

Particulars of person(s) attending the meeting:

Name: Signature:

Capacity:

Name: Signature:

Capacity:

Attendance of the above person(s) at the meeting is confirmed by the Employer's representative, namely:

Name: Signature:

Capacity: Date and Time:



Municipal Date Stamp

B: COMPULSORY ENTERPRISE QUESTIONNAIRE

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

Section 1. Name of enterprise: _____

Section 2. VAT registration number, if any: _____

Section 3. CIDB registration number, if any: _____

Section 4. Particulars of sole proprietors and partners in partnerships.

Name*	Identity number*	Personal income tax number*

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

Section 5. Particulars of companies and close corporations

Company registration number: _____

Close corporation number: _____

Tax reference number: _____

Section 6. Record in the service of the state

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

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

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

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

* Insert separate page if necessary.

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

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

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

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

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

* Insert separate page if necessary.

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

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

SIGNATURE: _____ Date: _____
(of person authorised to sign on behalf of the Bidder)

Name: _____ Position: _____

Enterprise name: _____

C: RECORD OF ADDENDUM TO BID DOCUMENTS

I / We confirm that the following communications received from the Employer or his representative before the date of submission of this Bid offer, amending the Bid documents, have been taken into account in this Bid offer.

ADD. No	DATE	TITLE OR DETAILS
1		
2		
3		
4		
5		

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

D: CERTIFICATE OF AUTHORITY

Indicate the status of the Bidder by ticking the appropriate box hereunder. The Bidder must complete the certificate set out below for the relevant category.

(I) COMPANY	(II) CLOSE CORPORATION	(III) PARTNERSHIP	(IV) JOINT VENTURE	(V) SOLE PROPRIETOR

(I) CERTIFICATE FOR COMPANY

I,, chairperson of the Board of Directors of
....., hereby confirm that by resolution of the Board (copy attached)
taken on 20 ,

Mr./Ms acting in the capacity of
....., was authorised to sign all documents in connection with
this Bid and any contract resulting from it on behalf of the company.

Chairman:

As Witnesses: 1.....

2.....

Date:

(II) CERTIFICATE FOR CLOSE CORPORATION

We, the undersigned, being the key members in the business trading as
.....hereby authorise Mr./Ms..... ,
acting in the capacity of , to sign all
documents in connection with the Bid for Contract No..... and
any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

Note : This certificate is to be completed and signed by all of the key members upon whom rests the direction of the affairs of the Close Corporation as a whole.

(III) **CERTIFICATE FOR PARTNERSHIP**

We, the undersigned, being the key partners in the business trading as,

.....

hereby authorise Mr./Ms ,

acting in the capacity of..... , to sign all documents in connection with the Bid for Contract No..... and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

Note : *This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.*

(IV) **CERTIFICATE FOR JOINT VENTURE**

We, the undersigned, are submitting this Bid offer in Joint Venture and hereby authorize Mr./Ms..... , authorized signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the Bid offer for Contract No..... and any contract resulting from it on our behalf.

This authorization is evidenced by the attached power of attorney signed by legally authorized signatories of all the partners to the Joint Venture.

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME AND CAPACITY
Lead partner		

Note : *This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.*

(V) **CERTIFICATE FOR SOLE PROPRIETOR**

I, , hereby confirm that I am the sole
owner of the business trading as.....

Signature of Sole owner:

As Witnesses:

1.....

2.....

Date:

REGISTRATION CERTIFICATE / AGREEMENT / ID DOCUMENT

[Important note to Bidder: Registration Certificates for Companies, Close Corporations and Partnerships, or Agreements and Powers of Attorney for Joint Ventures, or ID documents for Sole Proprietors, all as referred to in the foregoing forms and in B2.1, must be inserted here]

E: PLANT AND EQUIPMENT

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

Note: Each partner to a joint Venture is to provide the information required below with respect to his company's contribution to the plant and equipment resourcing of the Joint Venture.

- (a) **Details of major equipment that is owned by me / us and immediately available for this contract.**
(Copies of ownership documents for each machine owned are to be attached behind this page. Failure to do that will result in relevant points not being earned to this Bid during Bid evaluation)

DESCRIPTION (type, size, capacity etc.)	QUANTITY	YEAR OF MANUFACTURE

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 accepted**

DESCRIPTION (type, size, capacity etc.)	QUANTITY	HOW ACQUIRED	
		HIRE/ BUY	SOURCE

Attach additional pages if more space is required

The Bidder undertakes to bring onto site without additional cost to the Employer any additional plant not listed but which may be necessary to complete the contract within the specified contract period.

SIGNATURE: DATE:
(of person authorised to sign on behalf of the Bidder)

F: EXPERIENCE OF BIDDER

Note: Each partner to a Joint Venture is to provide the information required below with respect to his company's contribution to the experience of the Joint Venture.

The following is a statement of work of similar nature recently successfully executed by myself / ourselves

Reference letters filed and signed by the Clients showing their contact details and completion certificates to be included to claim functionality points. Failure to attach the said documents in the page may result in the Bidder not getting related points.

EMPLOYER: CONTACT PERSON AND TELEPHONE NUMBER	CONSULTING PRINCIPAL AGENT: CONTACT PERSON AND TELEPHONE NUMBER	NATURE OF WORK	VALUE OF WORK (inclusive of VAT)	DATE COMPLETED OR EXPECTED TO BE COMPLETED

Attach additional pages if more space is required.

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

G: PRESENT COMMITMENTS

The following are list of contracts or Bids that I or we are currently committed to complete.

Employer and Contract Description	Contract Amount	Duration and Completion Date	Principal Agent

Signature:.....
(of person authorised to sign on behalf of the Bidder)

Date:

H: PROPOSED SUBCONTRACTORS

I/We hereby notify you that it is my/our intention to employ the following subcontractors for work in this contract.

If I/we am/are awarded a contract I/we agree that this notification does not change the requirement for me/us to submit the names of proposed subcontractors in accordance with requirements of the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.

NAMES AND ADDRESSES OF PROPOSED SUBCONTRACTORS	NATURE AND EXTENT OF WORK TO BE SUBCONTRACTED	PREVIOUS EXPERIENCE WITH SUBCONTRACTOR

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

I: KEY PERSONNEL

In terms of the Project Specification and the Conditions of Bid, unskilled workers may only be brought in from outside the local community if such personnel are not available locally.

The Bidder shall list below the personnel which he intends to utilize on the Works, including key personnel which may have to be brought in from outside if not available locally.

CATEGORY OF EMPLOYEE	NUMBER OF PERSONS					
	KEY PERSONNEL, PART OF THE CONTRACTOR'S ORGANISATION		KEY PERSONNEL TO BE IMPORTED IF NOT AVAILABLE LOCALLY		UNSKILLED PERSONNEL TO BE RECRUITED FROM LOCAL COMMUNITY	
Site Agent, Project Managers						
Foremen, Quality Control and Safety Personnel						
Technicians, Surveyors, etc.						
Artisans and other Skilled workers						
Plant Operators						
Unskilled Workers						
Others:.....						

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

J: CURRICULUM VITAE OF KEY PERSONNEL

[illegible]

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

Date:.....

Signature:.....

The Bidder must countersign indicating agreement with the contents of this form.

Date:

Signature of Bidder:

K: PRELIMINARY PROGRAMME

The Bidder shall detail below or attach a preliminary programme reflecting the proposed sequence and tempo of execution of the various activities comprising the work for this Contract. The programme shall be in accordance with the information supplied in the Contract, requirements of the Project Specifications and with all other aspects of his Bid.

PROGRAMME

ACTIVITY	WEEKS / MONTHS													

[Note: The programme must be based on the completion time as specified in the Contract Data. No other completion time that may be indicated on this programme will be regarded as an alternative offer, unless it is listed in Table (b) of Form I hereafter and supported by a detailed statement to that effect, all as specified in the Bid Data]

SIGNATURE: DATE
(of person authorised to sign on behalf of the Bidder)

L: AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES

(This is not an invitation for amendments, deviations or alternatives but should the Bidder, desire to make any departures from the provisions of this contract he shall set out his proposals clearly hereunder. The Employer will not consider any amendment, alternative offers or discounts unless forms (a), (b) and (c) have been completed to the satisfaction of the Employer).

I / We herewith propose the amendments, alternatives and discounts. as set out in the tables below:

(a) AMENDMENTS

PAGE, CLAUSE OR ITEM NO	PROPOSED AMENDMENT

[Notes: (1) Amendments to the General and Special Conditions of Contract are not acceptable;
(2) The Bidder must give full details of all the financial implications of the amendments and qualifications in a covering letter attached to his Bid.

(b) ALTERNATIVES

PROPOSED ALTERNATIVE	DESCRIPTION OF ALTERNATIVE

[Notes: (1) Individual alternative items that do not justify an alternative Bid, and an alternative offer for time for completion should be listed here.
(2) In the case of a major alternative to any part of the work, a separate Bill of Quantities, programme, etc, and a detailed statement setting out the salient features of the proposed alternatives must accompany the Bid.
(3) Alternative Bids involving technical modifications to the design of the works and methods of construction shall be treated separately from the main Bid offer.]

(c) **DISCOUNTS**

ITEM ON WHICH DISCOUNT IS OFFERED	DESCRIPTION OF DISCOUNT OFFERED

[Note: The Bidder must give full details of the discounts offered in a covering letter attached to his Bid, failing which, the offer will be prejudiced]

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

M: CONTRACTOR'S HEALTH AND SAFETY DECLARATION

In terms of Clause 4(4) of the OHSA 1993 Construction Regulations 2003 (referred to as "the Regulations" hereafter), a Contractor may only be appointed to perform construction work if the Employer is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act No 85 of 1993 and the OHSA 1993 Construction Regulations 2003.

To that effect a person duly authorised by the Bidder must complete and sign the declaration hereafter in detail.

Declaration by Bidder

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the OHSA 1993 Construction Regulations 2003.

2. I hereby declare that my company has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Employer's Health and Safety Specifications.

3. I propose to achieve compliance with the Regulations by one of the following:

(a) From my own competent resources as detailed in 4(a) hereafter: ***Yes / No**

(b) From my own resources still to be appointed or trained until competency is achieved, as detailed in 4(b) hereafter: ***Yes / No**

(c) From outside sources by appointment of competent specialist subcontractors as detailed in 4(c) hereafter ***Yes / No**

(* = delete whatever is not applicable)

4. Details of resources I propose:

(Note: Competent resources shall include safety personnel such as a construction supervisor and construction safety officer as defined in Regulation 6, and competent persons as defined in Regulations 7, 8, 10, 11, 12, 14, 15, 18, 21(1), 22, 26 and 27, as applicable to this contract)

(a) Details of the competent and qualified key persons from my company's own resources, who will form part of the contract team:

NAMES OF COMPETENT PERSONS	POSITIONS TO BE FILLED BY COMPETENT PERSONS

(b) Details of training of persons from my company's own resources (or to be hired) who still have to be trained to achieve the necessary competency:

(i) By whom will training be provided?

(ii) When will training be undertaken?

(iii) List the positions to be filled by persons to be trained or hired:

.....

.....

.....

(c) Details of competent resources to be appointed as subcontractors if competent persons cannot be supplied from own company:

Name of proposed subcontractor:

Qualifications or details of competency of the subcontractor:

.....

.....

.....

5. I hereby undertake, if my Bid is accepted, to provide, before commencement of the works under the contract, a suitable and sufficiently documented Health and Safety Plan in accordance with Regulation 5(1) of the Construction Regulations, which plan shall be subject to approval by the Employer.

6. I confirm that copies of my company's approved Health and Safety Plan, the Employer's Safety Specifications as well as the OHSA 1993 Construction Regulations 2003 will be provided on site and will at all times be available for inspection by the Contractor's personnel, the Employer's personnel, the Principal Agent, visitors, and officials and inspectors of the Department of Labour.

7. I hereby confirm that adequate provision has been made in my Bided rates and prices in the schedule of quantities to cover the cost of all resources, actions, training and all health and safety measures envisaged in the OHSA 1993 Construction Regulations 2003, and that I will be liable for any penalties that may be applied by the Employer in terms of the said Regulations (Regulation 30) for failure on the Contractor's part to comply with the provisions of the Act and the Regulations.

8. I agree that my failure to complete and execute this declaration to the satisfaction of the Employer will mean that I am unable to comply with the requirements of the OHSA 1993 Construction Regulations 2003, and accept that my Bid will be prejudiced and may be rejected at the discretion of the Employer.

SIGNATURE: DATE

(of person authorised to sign on behalf of the Bidder)

CONTRACTOR'S SAFETY PLAN

[The Bidder shall attach to this page (or submit it separately) the Contractor's Health and Safety Plan as required in terms of Regulation 5 of the Occupational Health and Safety Act 1993 Construction Regulations 2003, and referred to in Form J and in B2.1]

N: **PROOF OF CIDB REGISTRATION**

[The Bidder shall attach hereto the Contractor's Proof of Registration with CIDB].

O: **MLM / MBD 2 TAX CLEARANCE CERTIFICATE REQUIREMENTS**

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

1. In order to meet this requirement bidders are required to complete in full the attached form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids.
2. SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.
3. The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
5. Copies of the TCC 001 "Application for a Tax Clearance Certificate" form are available from any SARS branch office nationally or on the website www.sars.gov.za.
6. Applications for the Tax Clearance Certificates may also be made via e-Filing. In order to use this provision, taxpayers will need to register with SARS as e-Fileers through the website www.sars.gov.za.

The Bidder is to attach an original Tax Clearance Certificate issued by the South African Revenue Service (SARS) to this page.

Each party to a Joint Venture must submit a separate original Tax Clearance Certificate issued by SARS.

Failure to submit original and valid Tax clearance Certificate may invalidate the Bid.

If company is a VAT vendor a copy of the VAT certificate must be inserted here, unless reflected in the Tax Clearance Certificate.

P: BIDDER'S FINANCIAL STANDING

In terms of Clause 9.2 of the Conditions of Bid the Employer may make inquiries to obtain a bank rating from the Bidder's bank.

To that end the Bidder must provide with his Bid a bank rating, certified by his banker, to the effect that he will be able to successfully complete the contract at the Bided amount within the specified time for completion.

However, should the Bidder be unable to provide a bank rating with his Bid, he shall state the reasons as to why he is unable to do so, and in addition provide the following details of his banker and bank account that he intends to use for project:

Name of account holder:

Name of Bank: Branch:

Account number: Type of account:

Telephone number: Facsimile number:

Name of contact person (*at bank*):

Failure to provide either the required bank details or a certified bank rating with his Bid, will lead to the conclusion that the Bidder does not have the necessary financial resources at his disposal to complete the contract successfully within the specified time for completion.

The Employer undertakes to treat the information thus obtained as confidential, strictly for the use of evaluation of the Bid submitted by the Bidder.

SIGNATURE: DATE
(of person authorised to sign on behalf of the Bidder)

Q: FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE

[The Bidder must attach hereto a letter from the bank or institution. with whom he has made the necessary arrangements, to the effect that the said bank or institution will be prepared to provide the required performance guarantee when asked to do so].

R: MLM / MBD 4 DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.

.....

¹ MSCM Regulations: "in the service of the state" means to be –

(a) a member of –

- (i) any municipal council;
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces;

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity;

(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

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

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....
.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.10.1 If yes, furnish particulars.
.....
.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars
.....
.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.
.....
.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.
.....
.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars:
.....
.....

1. FULL DETAILS OF DIRECTORS / TRUSTEES / MEMBERS / SHAREHOLDERS.

Full Name	Identity Number	StateEmployee Number

CERTIFICATION

I, THE UNDERSIGNED (FULL NAMES)

.....

..

**CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION
FORM IS CORRECT.**

**I ACCEPT THAT THE MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS
DECLARATION PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

MLM / MBD 5.1 CONTRACT FORM – PAST EXPERIENCE

Bidders must furnish hereunder details of similar works / service, which they have satisfactorily completed in the past. The information shall include a description of the works, the contract value and the name of the employer.

EMPLOYER	NATURE OF WORK	VALUE OF WORK	DURATION AND COMPLETION DATE	EMPLOYER CONTACT NO

DATE

SIGNATURE OF BIDDER

**MLM / MBD 5.2 CONTRACT FORM – PAST EXPERIENCE WITH WINNIE
MADIKIZELA-MANDELA LOCAL MUNICIPALITY**

Bidders must furnish hereunder details of similar works / service, which they have satisfactorily completed in the past. The information shall include a description of the works, the contract value and the name of the employer.

PREVIOUS AND / OR CURRENT PROJECTS UNDERTAKEN WITH MLM

PROJECT NAME	VALUE OF WORK	CONTRACT START DATE	ANTICIPATED / ACTUAL COMPLETION DATE

DATE

SIGNATURE OF BIDDER

**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).

The applicable preference point system for this tender is the 90/10 preference point system.

The applicable preference point system for this tender is the 80/20 preference point system.

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	
SPECIFIC GOALS	
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

“**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;

- (a) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (b) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (c) “**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
- (d) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

1. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

1.1. POINTS AWARDED FOR PRICE

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

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

80/20

or

90/10

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

Where

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

1.2. 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:

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

Where

- Ps = Points scored for price of tender under consideration
 Pt = Price of tender under consideration
 Pmax = Price of highest acceptable tender

2. POINTS AWARDED FOR SPECIFIC GOALS

- 2.1. 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:
- 2.2. 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)
South African	1.5	3		
Black	1.5	3		
Women	1.75	3.5		
Youth	1.75	3.5		
Leaving with disability	1.75	3.5		
Military Veterans	1.75	3.5		
Total Points Allocated	10	20		

DECLARATION WITH REGARD TO COMPANY/FIRM

2.3. Name _____ of
company/firm.....

2.4. Company _____ registration _____ number: _____
.....

2.5. 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]

2.6. 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:

.....

.....

.....

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

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

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

1. General Conditions

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

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

Where

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

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

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
_____	_____ %
_____	_____ %
_____	_____ %

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

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

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

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

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

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

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

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

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

IN RESPECT OF BID NO.

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

.....
NB

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

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

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

paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

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

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

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

SIGNATURE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT
REGULATIONS 2001
LOCAL CONTENT OF PRODUCTS**

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES SPECIFIED IN CLAIM FORM MBD 6.1 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2001

1. Regulation 12(1) of the Preferential Procurement Regulations makes provision for the promotion of locally manufactured products within the preference point systems.

SPECIFIC GOAL

POINTS ALLOCATED

The stimulation of the S.A economy by procuring locally
Manufactured products.....

2. Preference points may only be claimed for products, which will be manufactured (fabricated, processed or assembled), in the Republic of South Africa. In cases where production has not yet commenced at time of bid closure, evidence shall be produced that at the time of bid closure, the bidder was irrevocably committed to local production of the product.
3. “**Local content**” means that portion of the bid price, excluding Value Added Tax (VAT), which is not included in imported content, **provided that local manufacture does take place.**
4. “**Imported content**” means that portion of the bid price represented by the costs of components, parts or materials which have been or are still to be imported (whether by the bidder or his suppliers or sub-contractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duties, sales duties, or other similar taxes or duties at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies for which a bid has been submitted are manufactured.

5. BID INFORMATION

Bidders who wish to claim points in respect of this goal must furnish the information in paragraph 7 below.

6. POINTS CLAIMED

Indicate whether point(s) allocated for this goal is (are) claimed. Yes / No

7. INFORMATION WITH REGARD TO LOCAL MANUFACTURE

Indicate in the table below which product(s) [item number(s)] is/are manufactured locally against the % local content of each product / item in relation to the bid price (exclusive of VAT). Points claimed must be indicated in the “points claimed” column.

Percentage local content in relation to bid Price	Indicate item numbers	Points Allocated	Points Claimed
10 % - 30 %			
31 % - 60 %			
61 % or more			

8. BID DECLARATION

I/we, the undersigned, who warrants that he/she is duly authorised to do so on behalf of the firm declare that points claimed, based on the local content of the product(s) above, qualifies the firm for the point(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct.
- (ii) In the event of a contract being awarded as a result of points claimed, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct.
- (iii) If the claims are found to be incorrect, the purchaser, in addition to any other remedy it may have -
 - (a) recover all costs, losses or damages it has incurred or suffered as a result of that person's conduct; and
 - (b) 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;

WITNESSES:

1.

.....
SIGNATURE (S) OF BIDDER (S)

2.

DATE:

MBD 8**DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
- a) abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b) been convicted for fraud or corruption during the past five years;
 - c) willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d) been listed in the Register for Bid Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

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

Item	Question	Yes	No
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
4.3.1	If so, furnish particulars:		
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.7.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM TRUE AND CORRECT.

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

.....

Signature

.....

Date

.....

Position

.....

Name of Bidder

MBD 9 CERTIFICATE OF INDEPENDENT BID DETERMINATION

1. This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - (a) take all reasonable steps to prevent such abuse;
 - (b) reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - (c) cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

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

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

S: CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of: _____ that:
(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation);

- (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

SIGNATURE

DATE

POSITION

NAME OF BIDDER

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

T: RATES AND MUNICIPAL SERVICES CLEARANCE CERTIFICATE

PAGE TO WHICH ANY OF THE FOLLOWING MUST BE ATTACHED

IN THE CASE WHERE:

**A. BIDDER AS LANDOWNER FOR PURPOSE
OF CONDUCTING BUSINESS FROM PREMISES**
option by ticking below

Please select the relevant

A.1 In the case where the Bidder owns the property from

municipal account indicating the status of payment of
all municipal rates and taxes i.e. property rates, electricity,
water, refuse & sewer from the Municipality in which
jurisdiction the said property is situated, must be submitted.

☐

~~NB: Should there be separate tax invoices from the~~
which the Bidder's business operates from, an original
or certified copy of the Bidder's business most recent
for property rates and services (taxes), you are required to
submit the most recent of each of these invoices.

☐

OR

**B. BIDDER IS THE TENANT FOR PURPOSE OF CONDUCTING
ITS BUSINESS FROM PREMISES**

B.1 In the case where the Bidder does not own property and
is a tenant for the purpose of its business establishment,
the Bidder to provide an original or certified copy of a
certificate from it's landlord certifying that all the tenants
payments in respect of all municipal rates and taxes i.e.
property rates, electricity, water, refuse & sewer are paid up
to date, or

☐

B.2 In the case where the Bidder as tenant is responsible for
its own municipal accounts with the municipality then Bidder
to provide an original or certified copy letter from the landlord certifying
the above together with all most recent relevant municipal invoices i.e.
property rates, electricity, water refuse & sewer.

☐

Failure to do so will lead to your Bid being non-responsive and will not be evaluated further.

Signed

Date

Name

Position

Enterprise
name

U : PROOF OF PURCHASE OF BID DOCUMENTS
[The Bidder shall insert here proof of purchase of the Bid documents in the form of an official receipt.]

V: COPY OF CANCELLED CHEQUE FOR BIDDER OR LETTER FROM THE BANK

[The Bidder shall insert here a copy of a cancelled cheque for a company or a letter from the Bank confirming the Bidder's banking details.]

W: SKILLS DEVELOPMENT LEVY CERTIFICATE

[The Bidder's Skills Development Levy Certificate to be inserted here].

X: WORKMEN'S COMPENSATION REGISTRATION CERTIFICATE

[The Bidder's Workmen's Compensation Registration Certificate or proof of payment of contributions to be inserted here].

Y : UNEMPLOYMENT INSURANCE FUND (UIF) REGISTRATION CERTIFICATE

[The Bidder's Unemployment Insurance Fund (UIF) Registration Certificate to be inserted here].

Z: FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE

[The Bidder must attach hereto a letter from the bank or institution, with whom he has made the necessary arrangements, to the effect that the said bank or institution will be prepared to provide the required performance guarantee forthwith upon award of the contract to this Bidder].

BD.2.2.2 PREFERENTIAL PROCUREMENT SCHEDULES AND AFFIDAVIT THAT WILL BE INCORPORATED INTO THE CONTRACT

PREFERENTIAL PROCUREMENT DECLARATION AFFIDAVIT

IMPORTANT NOTES:

1. *Bidders with annual total revenue of R5 Million or less qualify as Exempted Micro Enterprises (EMEs) in terms of the Broad-Based Black Economic Empowerment Act, and must submit a certificate issued by a registered auditor, accounting officer (as contemplated in section 60(4) of the Close Corporation Act, 1984 (Act No. 69 of 1984)) or an accredited verification agency.*
2. *Bidders other than Exempted Micro Enterprises must submit an Original or certified copy of a Valid B-BBEE status level verification certificate substantiating their B-BBEE rating.*
3. *Submission of such certificates must comply with the requirements of instructions and guidelines issued by the National Treasury and be in accordance with notices published by the Department of Trade and Industry in the Government Gazette.*
4. *These certificates must be submitted by each Bidder and, in the case of a Consortium or Joint Venture, by every member of the Consortium or Joint Venture. Any subcontractor(s) nominated for participation in the contract must also submit these certificates.*
5. *False documents and/or information will invalidate the Bid.*
6. *The B-BBEE status level attained by the Bidder must be used to determine the number of points contemplated in the table below.*
7. *The said certificates are essential and vital for the evaluation of the Bid, and failure to submit these certificates will prejudice the Bid and may invalidate it at the discretion of the Employer.*
8. *The information for registration as in the possession of the WINNIE MADIKIZELA-MANDELA LOCAL MUNICIPALITY MUNICIPALITY will apply.*
9. *It is the Bidder's responsibility to ensure that the details as submitted to the Municipality are correct.*

AA: B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE

1. (Joint Venture bidders must produce a combine B-BBEE status level verification)

[The Bidder shall attach hereto a certified copy of the Contractor's Proof of B-BBEE status level verification].

AB: CENTRAL SUPPLIERS DATABASE REPORT

AC: FINANCIALS – 3 YEARS

PERFORMANCE GUARANTEE

Employer: *(name and address)*.....

.....

.....

Contract No:

(Contract title)

WHEREAS

(hereinafter referred to as "the Employer") entered into, on the day of 20....,

a Contract with

(hereinafter called "the Contractor") for *(CONTRACT TITLE)*

..... at —

AND WHEREAS it is provided by said Contract that the Contractor shall provide the Employer with security by way of a guarantee for the due and faithful fulfillment of the Contract by the Contractor;

AND WHEREAS (hereinafter referred to as the Guarantor) has/have at the request of the Contractor, agreed to give such security;

NOW THEREFORE WE,

do hereby guarantee to the Employer under renunciation of the benefits of division and excussion the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions:

1. The Employer shall, without reference and/or notice to me/us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said Contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Due Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Due Completion Date which the Employer may make, give, concede or agree to under the said Contract.
2. The Employer shall be entitled, without reference to us, to release any securities held by it, and to give time to or compound or make any other arrangement with the Contractor.
3. This guarantee shall remain in full force and effect until the issue of the Final Approval Certificate, unless we are advised in writing by the Employer before the issue of the said Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.

However, upon receipt by us of an authenticated copy of the Certificate of Completion in terms of the Contract, the amount of liability shall be reduced by 50%, which shall be in force until the issue of the Final Approval Certificate at expiry of the Defects Liability Period

4. My/Our total liability in terms hereof shall be limited to the sum of R
(in words)
(10 % of the Bid sum) which amount I/we agree to hold at your disposal.

5. I/We declare that I/we, on behalf of the Guarantor, waive the legal exceptions available to a guarantor and undertake to pay the said amount or such portion thereof as may be demanded, immediately on receipt of a written demand from you.

A certificate under your hand shall be sufficient and satisfactory evidence as to the amount of the Guarantor's liability for the purpose of enabling provisional sentence or any similar relief to be obtained against the Guarantor.

6. I/We hereby choose domicilium citandi et executandi for all purposes arising hereof at
.....

7. This guarantee is neither negotiable nor transferable, and must be surrendered to the Guarantor in the event of the full amount of the Guarantee being paid to the Employer.

IN WITNESS WHEREOF this guarantee has been executed by us at on this
..... day of20.....

Signature:

Duly authorized to sign on behalf of: (*Guarantor*)
.....

Address
.....

As witnesses:

1.

2.

**PRO FORMA NOTIFICATION FORM IN TERMS OF THE OCCUPATIONAL HEALTH AND
SAFETY ACT 1993, CONSTRUCTION REGULATIONS 2003**

[This form must be completed and forwarded, prior to commencement of work on site, by all Contractors that qualify in terms of Regulation 3 of the Construction Regulations 2003, to the office of the Department of Labour]

1. (a) Name and postal address of Contractor:
.....
(b) Name of Contractor's contact person:
Telephone number:
.....
2. Contractor's compensation registration number:
3. (a) Name and postal address of client:
.....
(b) Name of client's contact person or agent:
Telephone number.....
4. (a) Name and postal address of designer(s) for the project:
.....
(b) Name of designer's contact person:
Telephone number.....
5. Name of Contractor's construction supervisor on site appointed in terms of Regulation 6(1):.....Telephone number:
.....
6. Name/s of Contractor's sub-ordinate supervisors on site appointed in terms of regulation 6(2).
.....
7. Exact physical address of the construction site or site office:
.....
8. Nature of the construction work:
.....
9. Expected commencement date:
10. Expected completion date:
11. Estimated maximum number of persons on the construction site:
12. Planned number of subcontractors on the construction site accountable to Contractor:
13. Name(s) of subcontractors already chosen:
.....
.....

SIGNED BY:

CONTRACTOR: DATE:.....

CLIENT:..... DATE:.....

C1: AGREEMENTS AND CONTRACT DATA
C1.1 FORM OF OFFER AND ACCEPTANCE

A. OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

CONTRACT No.: WMM LM 00071

ADDITIONS AND ALTERATIONS TO MBIZANA COMMUNITY SERVICE DEPARTMENT: DLTC

The Bidder, identified in the Offer Signature block below, has examined the documents listed in the Bid Data and addenda thereto as listed in the Bid Schedules, and by submitting this Offer has accepted the Conditions of Bid.

By the representative of the Bidder, deemed to be duly authorised, 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:

Total Bid Price – R _____

(In words.
.....
.....),

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 Bid Data, whereupon the Bidder becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

Signature: (of person authorized to sign the Bid):

Name: (of signatory in capitals):

Capacity: (of Signatory):

Name of Bidder: (organisation):

Address:

.....

Telephone number: **Fax number:**

Witness:

Signature:

Name: (in capitals):.....

Date:

[Failure of a Bidder to sign this form will invalidate the Bid]

B. ACCEPTANCE

By signing this part of the 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 1 Agreement, and Contract Data, (which include this Agreement)
- Part 2 Pricing Data, including the Bill of Quantities
- Part 3 Scope of Work
- Part 4 Site Information

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

Deviations from and amendments to the documents listed in the Bid Data and any addenda thereto listed in the Bid 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 Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representatives of both parties.

The Bidder shall deliver the Guarantee in terms of Clause 7 of the General Conditions of Contract 2004 within the period stated in the Contract Data, and he shall, immediately 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 other bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data, within 14 days of the date on which this Agreement comes into effect. Failure to fulfill 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 five 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:

Name: *(in capitals)*

Capacity:

Name of Employer *(organisation)*

Address:

.....

Witness:

Signature: **Name:**

Date:

C. SCHEDULE OF DEVIATIONS

The extent of deviations from the Bid documents issued by the Employer prior to the Bid closing date is limited to those permitted in terms of the Bid Data and the Conditions of Bid.

A Bidder's covering letter will not necessarily be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid becomes the subject of agreements reached during the process of offer and acceptance; the outcome of such agreement shall be recorded here.

Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the Bid documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.

Any change or addition to the 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:
.....
5. **Subject:**
Details:
.....
6. **Subject:**
Details:
.....

By the duly authorised representatives signing this Schedule of Deviations, 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 Bid Data and addenda thereto as listed in the Bid Schedules, as well as any confirmation, clarification or change 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 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.

FOR THE BIDDER:

Signature:

Name:

Capacity:

Bidder: *(Name and address of organisation)*

.....

Witness:

Signature:

Name:

Date:

FOR THE EMPLOYER

Signature:

Name:

Capacity:

Employer: *(Name and address of organisation)*

.....

Witness:

Signature:

Name:

Date:

C1.2: CONTRACT DATA

C1.2.1: STANDARD CONDITIONS OF CONTRACT

The Conditions of Bid are the Standard Conditions of Bid as contained in Annex F of the CIDB *Standard for Uniformity in Construction Procurement*, and as *Annexure F* of the CIDB *Standardized Construction Procurement Documents for Engineering and Construction Works (28 May 2010)*. This document is obtainable separately. Bidders shall obtain their own copies.

The Bid Data make several references to the Standard Conditions of Bid for details that apply specifically to this Bid. The Bid Data shall have preference in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Bid.

Each item of Bid Data given below is cross-referenced to the relevant clause in the Standard Conditions of Bid to which it mainly applies.

Clause No.

F.1.1 GENERAL

F.1.1 Actions

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

F.1.1.2 The employer and the bidder and all their agents and employees involved in the bid process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such interest in their bid 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 the 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 bid or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decision taken.

F.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.

F.1.2 Bid documents

The documents issued by the Employer for the purpose of a Bid offer are listed in the Bid Data.

F.1.3 Interpretation

F.1.3.1 The Bid Data and additional requirements contained in the Bid schedules that are included in the returnable documents are deemed to be part of the Conditions of Bid.

F.1.3.2 These Conditions of Bid, the Bid Data and Bid schedules which are only required for Bid evaluation purposes, will not form part of any contract arising from the invitation to Bid.

F.1.3.3 For the purposes of these conditions for the calling for expressions of interest, 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 interest which make it difficult to fulfil his or her duties impartially;
 - ii. An individual or organisation 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 organisation which employs that employee.
- b) **Comparative offer** means the bidder's financial offer after the factors of non-firm prices, all unconditional discounts and any other bided parameters that will affect the value of the financial offer 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 bid process; and
- d) **Fraudulent practice** means the misrepresentation of the facts in order to influence the bid process or the award of a contract arising from a bid offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels
- e) **Organisation** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body
- f) **Quality (functionality)** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

F.1.4 Communication and Employer's agent

Each communication between the Employer and a Bidder shall be to or from the Employer's agent only, and in a form that can be read, copied and recorded. Writing shall be in the English language. The Employer will not take any responsibility for non-receipt of communications from or by a Bidder. The name and contact details of the Employer's agent are stated in the Contract Data.

F.1.5 The Employer's right to accept or reject any Bid offer

F.1.5.1 The Employer may accept or reject any variation, deviation, Bid offer, or alternative Bid offer, and may cancel the Bid process and reject all Bid offers at any time before the formation of a contract. The Employer will not accept or incur any liability to a Bidder for such cancellation and rejection, but shall give reasons for such action upon written request to do so.

F.1.5.2 The employer may not subsequent to the cancellation or abandonment of a tender process or the rejection of all responsive tender offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received and such tender was returned unopened to the tenderer.

F.1.6 Procurement Procedures

F.1.6.1 General

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

F.1.6.2 Competitive Negotiation Procedure

F.1.6.2.1 Where the bid data require that the competitive negotiation procedure is to be followed, bidders shall submit bid offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the Employer shall announce only the names of the bidders who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive positions of bidders shall not apply.

F.1.6.2.2 All responsive bidders, or not less than three responsive bidders that are highest ranked in terms of the evaluation method and evaluation criteria stated in the data, shall be invited in each round to enter the competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the Employer may request that bids be clarified, specified and fine-tuned in order to improve a bidder's competitive position provided that such clarification, specification, fine-tuning and 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.

F.1.6.2.3 At the conclusion of each round of negotiations, bidders shall be invited by the Employer to make a fresh bid 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.

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

F.1.6.3 Proposal Procedure using two stage system

F.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 bid data, and in the second stage negotiate a contract with the bidder scoring the highest number of evaluation points and award the contract in terms of these conditions of bid.

F.1.6.3.2 Option 2

F.1.6.3.2.1 Bidders shall submit in the first stage only technical proposals. The Employer shall invite all responsive bidders to submit bid offers in the second stage, following the issuing of procurement documents.

F.1.6.3.2.2. The Employer shall evaluate bids received during the second stage in terms of the method of evaluation stated in the bid data, and award the contract in terms of these conditions of bid.

F.2 BIDDER'S OBLIGATIONS

The Bidder shall comply with the obligations hereafter:

F.2.1 Eligibility

F.2.1.1 Submit a Bid offer only if the Bidder satisfies the criteria stated in the Bid Data and if the Bidder, or any of his principals, is not under any restriction to do business with the Employer.

F.2.1.2 Notify the Employer of any proposed material change in the capabilities or formation of the Bidding 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 bidder to submit a bid offer and obtain the Employer's written approval prior to do so prior to the closing time of bids.

F.2.2 Cost of Bidding

Accept that the Employer will not compensate the Bidder for any costs incurred in the preparation and submission of a Bid Offer, including the costs of any testing necessary to demonstrate that aspects of the offer comply with requirements.

F.2.3 Check documents

Check the Bid documents on receipt for completeness and notify the Employer of any discrepancy or omission.

F.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the Bid. He shall use and copy the documents issued by the Employer only for the purpose of preparing and submitting a Bid Offer in response to the invitation.

F.2.5 Reference documents

Obtain, as necessary for submitting a Bid 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 Bid documents by reference.

F.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the Bid documents, which the Employer may issue, and if necessary apply for an extension to the closing time stated in the Bid Data if necessitated as a result of the addenda.

F.2.7 Site visit and clarification meeting

Attend the compulsory site visit and clarification meeting at which Bidders may familiarize themselves with aspects of the proposed work, services or supply, and raise questions. Details of the meeting are stated in the Bid Data.

F.2.8 Seek clarification

Request clarification of the Bid documents, if necessary, by notifying the Employer at least five working days before the closing time for submission of Bids stated in the Bid Data.

F.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 Bidder is advised to seek qualified advice regarding insurance.

F.2.10 Pricing the Bid Offer

F.2.10.1 Include in the rates, prices, and the Bided total of the prices all duties, taxes, except value - added tax (VAT), and other levies payable by the successful Bidder, such duties, taxes and levies being those applicable 14 days before the closing time for submission of Bids stated in the Bid Data.

F.2.10.2 Show VAT payable by the Employer separately as an addition to the Bided total of the prices.

- F.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.
- F.2.10.4 State the rates and prices in Rand unless instructed otherwise in the Bid Data. The Conditions of Contract identified in the Contract Data may provide for part payment in other currencies.
- F.2.11 Alterations to documents**
- Do not make any alterations or additions to the Bid documents, except to comply with instructions issued by the Employer, or alterations or additions necessary to correct errors made by the Bidder. All signatories to the Bid Offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.
- F.2.12 Alternative Bid Offers (All specifications to be kept even if there is alternative bid)**
- F.2.12.1 Submit alternative Bid Offers only if a main Bid Offer, strictly in accordance with all the requirements of the Bid documents, is also submitted. The alternative Bid Offer is to be submitted with the main Bid Offer together with a schedule that compares the requirements of the Bid documents with the alternative requirements the Bidder proposes.
- F.2.12.2 Accept that an alternative Bid offer may be based only on the criteria stated in the Bid Data or criteria otherwise acceptable to the Employer.
- F.2.12.3 Accept that an alternative Bid offer may be based only on the criteria stated in the Bid Data or criteria otherwise acceptable to the Employer.
- F.2.13 Submitting a Bid Offer**
- F.2.13.1 Submit a Bid Offer to only, either as a single Bidding entity or as a member in joint venture, provide the whole of the works, services or supply identified in the Contract Data, unless stated otherwise in the Bid Data.
- F.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 in **black ink**.
- F.2.13.3 Submit the Bid Offer communicated on paper as an original plus the number of copies stated in the Bid 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.
- F.2.13.4 Sign the original (and all copies, if applicable) of the Bid Offer where required in terms of the Bid Data. The Employer will hold all authorized signatories liable on behalf of the Bidder. Signatories for Bidders proposing to contract as joint ventures shall state which of the signatory is the lead partner whom the Employer shall hold liable for the purpose of the Bid Offer.
- F.2.13.5 Seal the original (and each copy, if applicable) of the Bid Offer as separate packages marking the packages as "ORIGINAL" and "COPY" (2 copies). Each package shall state on the outside the Employer's address and identification details stated in the Bid Data, as well as the Bidder's name and contact address.
- F.2.13.6 Where a two-envelope system is required in terms of the Bid Data, place and seal the returnable documents listed in the Bid Data in an envelope marked "technical proposal". Each envelope shall state on the outside the Employer's address and identification details stated in the Bid Data, as well as the Bidder's name and contact address.
- F.2.13.7 Seal the original Bid 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 Bid Data.

- F.2.13.8 Accept that the Employer will not assume any responsibility for the misplacement of premature opening of the Bid Offer if the outer package is not sealed and marked as stated.
- F.2.13.9 Accept that bid offers submitted by facsimile or email will be rejected by the Employer, unless stated otherwise in the bid data.
- F.2.14 Information and data to be completed in all respects**
- Accept that Bid offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the Employer as being non-responsive.
- F.2.15 Closing time**
- F.2.15.1 Ensure that the Employer receives the Bid Offer at the address specified in the Bid Data not later than the closing time stated in the Bid Data. Proof of posting shall not be accepted as proof of delivery. The Employer will not accept Bid Offers submitted by telegraph, telex, facsimile or e-mail, unless stated otherwise in the Bid Data.
- F.2.15.2 Accept that, if the Employer extends the closing time stated in the Bid Data for any reason, the requirements of the Conditions Bid apply equally to the extended deadline.
- F.2.16 Bid Offer validity**
- F.2.16.1 Hold the Bid Offer(s) valid for acceptance by the Employer at any time during the validity period stated in the Bid Data after the closing time stated in the Bid Data.
- F.2.16.2 If requested by the Employer, consider extending the validity period stated in the Bid Data for an agreed additional period.
- F.2.16.3 Accept that a bid 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 bids that a bid is to be withdrawn or substituted.
- F.2.16.4 Where a bid submission is to be substituted, submit a substitute bid in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".
- F.2.17 Clarification of Bid Offer after submission**
- Provide clarification of a Bid Offer in response to a request to do so from the Employer during the evaluation of 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 total of the prices or substance of the Bid Offer should be sought, offered, or permitted. The total of the prices stated by the Bidder shall be binding upon the Bidder.
- F.2.18 Provide other material**
- F.2.18.1 Provide, on request by the Employer, any other material that has a bearing on the Bid Offer, the Bidder'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 Bidder 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 Bid Offer as being non-responsive.
- F.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.
- F.2.19 Inspections, tests and analyses**
- Provide access during working hours to premises for inspections, tests and analyses as provided for in the Bid Data.

F.2.20 Submit securities, bonds, policies, etc.

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.

F.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.

F.2.22 Return of other Bid documents

If so instructed by the Employer, return all retained Bid documents within 28 days after the expiry of the validity period stated in the Bid Data.

F.2.23 Certificates

Include in the Bid submission or provide the Employer with any certificates as stated in the Bid Data.

F.3 EMPLOYER'S UNDERTAKINGS

The Employer undertakes to:

F.3.1 Respond to clarification

F.3.1.1 Respond to a request for clarification received up to five working days before the Bid closing time stated in the Bid Data and notify all Bidders who drew procurement documents.

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

- a. An individual firm, or 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 prequalification process.

F.3.2 Issue addenda

If necessary, issue addenda, which may amend or amplify the Bid documents, to each Bidder during the period from the date of the Bid Notice until 7 days before the Bid closing time stated in the Bid Data. If, as a result of the issuing of addenda, a Bidder applied for an extension to the closing time stated in the Bid Data, the Employer may grant such extension and shall then notify all Bidders who drew documents.

F.3.3 Return late Bid Offers

Return Bid Offers received after the closing time stated in the Bid Data, unopened (unless it is necessary to open a Bid submission to obtain a forwarding address), to the Bidder concerned.

F.3.4 Opening of Bid submissions

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

F.3.4.2 Announce at the public meeting held immediately after the opening of Bid submissions, at a venue indicated in the Bid Data, the name of each Bidder whose Bid Offer is opened, the total of his prices, preferences claimed and time for completion, if any, for the main Bid offer only.

F.3.4.3 Make available the name of each Bidder whose Bid Offer is opened, the total of his prices, preferences claimed, if applicable, and time for completion (if any) for the main Bid Offer only.

F.3.5 Two-envelope system

F.3.5.1 Where stated in the Bid Data that a two-envelope system is to be followed, open only the technical proposal of valid Bids in the presence of Bidders' agents who choose to attend at the time and place stated in the Bid Data and announce the name of each Bidder whose technical proposal is opened.

F.3.5.2 Evaluate the quality 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 quality evaluation more than the minimum number of points for quality stated in the Bid Data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to Bidders whose technical proposals failed to achieve the minimum number of points for quality.

F.3.6 Non-disclosure

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

F.3.7 Grounds for rejection and disqualification

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

F.3.8 Test for responsiveness

F.3.8.1 Determine, on opening and before detailed evaluation, whether each Bid Offer properly received:

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

F.3.8.2 Regard a responsive Bid as one that conforms to all the items, conditions, and specifications of the Bid 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) change the Employer's or the Bidder's risks and responsibilities under the contract, or
- (c) affect the competitive position of other Bidders presenting responsive Bids, if it were to be rectified.

F.3.8.3 Reject a non-responsive Bid Offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

F.3.9 Arithmetical errors

F.3.9.1. Check responsive Bid Offers for arithmetical errors between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern.

F.3.9.2 Check the highest ranked bid or Bidder with the highest number of bid evaluation points after the evaluation of bids in accordance with F.3.11 for:

- (d) The gross misplacement of the decimal point in the unit rate,
- (e) Omissions made in completing the pricing schedule or bills of quantities or
- (f) Arithmetic errors in
 - Line item totals resulting from the product of unit rate and a quantity in bills of quantities or schedule of prices; or
 - The summation of the prices.

F.3.9.2 Notify the bidders of all errors or omissions that are identified in the bid offer and invite the bidder to either confirm the bid offer as bided or accept the corrected total of prices.

F.3.9.3 Where the bidder elects to confirm the bid offer as bided, correcting them in the following manner:

- (a) If a Bill of Quantities (or Schedule of Quantities or Schedule of Rates) applies 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 Bidder's addition of prices, the total of the prices shall govern and the Bidder will be asked to revise selected item prices (and their rates if a Bill of Quantities applies) to achieve the Bided total of the prices.

Consider the rejection of a Bid Offer if the Bidder does not correct or accept the correction of his arithmetical errors in the manner described in above.

F.3.10 Clarification of a Bid Offer

Obtain clarification from a Bidder on any matter that could give rise to ambiguity in a contract arising from the Bid Offer.

F.3.11 Evaluation of Bid Offers

F.3.11.1 Appoint an evaluation panel of not less than three persons. Reduce each responsive Bid Offer to a comparative offer and evaluate it using the Bid evaluation methods that are indicated in the Bid Data and described as methods 1, 2, 3 and 4.

F.3.11.2 **Method 1: In the case of a Financial Offer:**

- (a) Rank Bid Offers from the most favourable to the least favourable comparative offer.
- (b) Recommend the highest ranked Bidder for the award of the contract, unless there are compelling and justifiable reasons not to do so.

- (c) Re-rank all bidders should there be compelling and justifiable reasons not to recommend the highest ranked bidder and recommend the highest ranked bidder, unless there are compelling and justifiable reasons not to do so and the process set out in this sub-clause is repeated.

F.3.11.3 Method 2: In the case of a Financial Offer and Preferences:

In the case of a financial offer and preferences:

- a) Score each bid in respect of the financial offer made and preferences claimed, if any, in accordance with the provisions of F.3.11.7 and F.3.11.8.
- b) Calculate the total number of bid evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_P$$

where: N_{FO} is the number of bid evaluation points awarded for the financial offer made in accordance with F.3.11.7;

N_P is the number of bid evaluation points awarded for preferences claimed in accordance with F.3.11.8.

- c) Rank bid offers from the highest number of bid evaluation points to the lowest.
- d) Recommend the bidder with the highest number of bid evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all bidders should there be compelling and justifiable reasons not to recommend the bidder with the highest number of bid evaluation points, and recommend the bidder with the highest number of bid evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub-clause is repeated.

F.3.13 Acceptance of Bid Offer

F.3.13.1 Accept bid offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the bidder:

- i. Is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement
- ii. 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.
- iii. Has the legal capacity to enter the contract,
- iv. Is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- v. Complies with the legal requirements, if any, stated in the bid data, and
- vi. Is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.13.2 Notify the successful Bidder of the Employer's acceptance of his Bid Offer by completing and returning one copy of the Form of Offer and Acceptance before the expiry of the validity period stated in the Bid Data, or agreed additional period. Provided that the Form of Offer and Acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the Employer and the successful Bidder as described in the Form of Offer and Acceptance.

F.3.14 Notice to unsuccessful Bidders

After the successful Bidder has acknowledged the Employer's notice of acceptance, notify other Bidders that their Bid Offers have not been accepted.

F.3.15 Prepare contract documents

If necessary, revise documents that shall form part of the contract and that were issued by the Employer as part of the Bid documents to take account of:

- (a) addendum issued during the Bid period;
- (b) inclusion of some of the returnable documents;
- (c) other revisions agreed between the Employer and the successful Bidder, and
- (d) the Schedule of Deviations attached to the Form of Offer and Acceptance, if any.

F.3.16 Issue final contract

Prepare and issue the final draft of contract documents to the successful Bidder for acceptance as soon as possible after the date of the Employer's signing of the Form of Offer and Acceptance (including the Schedule of Deviations, if any). Only those documents that the Conditions of Bid require the Bidder to submit, after acceptance by the Employer, shall be included.

F.3.17 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.

F.3.18 Provide copies of the contracts

Provide to the successful Bidder the number of copies stated in the Bid Data of the signed copy of the Contract as soon as possible after completion and signing of the Form of Offer and Acceptance.

F.3.19 Provide written reasons for actions taken

Provide upon request written reasons to bidders for any action that is taken applying these conditions of bid, 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 bids.

C 1.2.2: CONTRACT DATA

1. GENERAL

The Bid Data shall be read with the Standard Conditions of Bid in order to expand on the Bidder's obligations and the Employer's undertakings in administering the Bid process in respect of the project under consideration.

The Bid Data hereafter shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Bid.

Each item of Bid Data given below is cross-referenced to the relevant clause in the standard Conditions of Bid.

Clause No.

F.1.1 The Employer is Winnie Madikizela-Mandela Local Municipality.

F.1.2 Bid Document

(a) The Bid Document issued by the employer consists of the following:

BID

B1: Bidding Procedures

- B1.1: Bid Notice and Invitation to Bid
- B1.2: Bid Data

B2: Returnable Documents

- B2.1: List of Returnable Documents
- B2.2: Returnable schedules and forms

CONTRACT

Part 1: Agreements and Contract Data

- C1.1: Form of Offer and Acceptance
- C1.2: Contract Data
- C1.3: Form of Guarantee
- C1.4: Agreement with adjudicator
- C1.5: Agreement in terms of the OHSA No 85 of 1993
- C1.6: Agreement in terms of the Occupational Health and Safety Act No. 85 of 1993

Part 2: Pricing Data

- C2.1: Pricing Instructions
- C2.2: Bill of Quantities

Part 3: Scope of Work

- C3: Scope of Work

Part 4: Project Specification

Part 5: Particular Specification

Part 6: Site Information

- C6: Site information

Part 7: Annexures

- C7: Annexures

(b) Drawings.

- (c) **JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of March 2018)** This document is obtainable separately, and Bidders shall obtain their own copies.
- (d) **The Model Preambles of Trades as recommended and published by the Association of South African Quantity Surveyors edition 1999**
- (e) **The Occupational Health and Safety Act No 85 and Amendment Act No 181 of 1993, and the Construction Regulations 2003 (Government Gazette No 25207 of 18 July 2003, Notice No R1010).** This document is obtainable separately, and Bidders shall obtain their own copies.
- (f) In addition Bidders are advised, in their own interest, to obtain their own copies of the following acts, regulations and standards referred to in the this document as they are essential for the Bidder to get acquainted with the basics of construction management, the implementation of preferential construction procurement policies and participation of targeted enterprise and labour.
 - (i) The Construction Industry Development Board Act No 38 of 2000 and the Regulations in terms of the CIDB Act 38/2000, Government Notice No 692 of 9 June 2004,
 - (ii) SANS 1921:2004 Construction and Management
 - Part 1: General Engineering and Construction Works;
 - Part 2: Accommodation of Traffic on Public Roads occupied by the Contractor;
 - (iii) BOARD NOTICE 86 OF 2010, CIDB, STANDARD FOR UNIFORMITY IN CONSTRUCTION PROCUREMENT May 2010

The Bid Document and the drawings shall be obtained from the Employer or his authorized representative at the physical address stated in the Bid Notice, upon payment of the deposit stated in the Bid Notice.

F.1.4

The Employer's agent is:

Name : VHB Associates
 Address : Suite 1 Bisset House, 48 Bisset Street, Port Shepstone 4240
 Tel. : 039 032 0003 Fax: 086 577 7713
 Contact Person: Vinodh Bridglall
 e-mail address : vhb@vhbassociates.co.za

F.2.1

Eligibility

A Bidder will not be eligible to submit a Bid if:

- (a) the Contractor submitting the Bid is under restrictions or has principals who are under restriction to participate in the Employer's procurement due to corrupt or fraudulent practices;
- (b) the Bidder does not have the legal capacity to enter into the contract;
- (c) the Contractor submitting the Bid is insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of the foregoing;
- (d) The Bidder does not comply with the legal requirements stated in the

- (e) Employer's procurement policy;
- (f) The Bidder cannot demonstrate that he possesses the necessary professional and technical qualifications and competent, financial resources, equipment and other physical facilities, managerial capability, personnel, experience and reputation to perform the contract;
- (g) The Bidder cannot provide proof that he is in good standing with respect to duties, taxes and contributions required in terms of legislation applicable to the work in the contract.

Only those Bidders who are registered with the Construction Industry Development Board in a contractor-grading equal to a contractor grading designation **5 GB OR HIGHER** as defined in the Regulations (June 2004), in terms of the CIDB Act No 38 of 2000, are eligible to submit Bids for this contract.

Joint ventures are eligible to submit Bids provided that:

- (h) every member of the joint venture is registered with the CIDB;
- (i) The combined contractor grading designation calculated in accordance with the Construction Industry Board Regulations is equal to or higher than a contractor grading designation stated above.

F.2.7 Site visit and Clarification

F.2.12 Alternative Bids (Same specification to be used)

If a Bidder wishes to submit an alternative Bid offer, the only criteria permitted for such an alternative Bid offer are:

(a) Individual items

Individual items offered as alternatives to items in the Bill of Quantities will only be considered if listed and priced in Form L: *Amendments, Qualifications and Alternatives* in Part 2 of the Contract Document, accompanied by a detailed statement as necessary.

(b) Alternative designs

Where a Bidder desires to submit alternative Bid involving modifications to the design or method of construction that would alter the character of the Bid, the following procedure must be observed:

- (i) The alternative offer must be accompanied by supporting information, drawings, calculations and a priced alternative Bill of Quantities to enable its technical acceptability, construction time and price to be fully assessed. Such information, drawings and Bill of Quantities must be sufficient for proper evaluation of the Bided alternative, otherwise the offer will not be considered;
- (ii) Any alternative Bid involving modifications to design will be assessed on its merits and may be accepted. An accepted alternative design will become the design for the purpose of the contract.
- (iii) If an alternative design with its priced Bill of Quantities has been accepted, the sum thus Bided for the alternative will not be subject to re-measurement and will be the final amount payable to the Contractor, except only for variations arising from:

Changes in design parameters ordered by the Principal Agent;

- Changes not arising from any failure or fault of the Contractor, but from modifications requested by the Principal Agent.
- (iv) A decision whether or not to adopt a technically acceptable modified design will be governed by the amount of the overall saving and the advantages to the Employer which the modified design can be reliably expected to achieve. Matters to be considered in arriving at the overall saving will include the effect of any deferment in starting date arising from extra time needed for the preparation of an amended contract for signature.
- (v) The Bidder will be liable for all costs necessary for the Principal Agent to check the alternative design offered

F.2.13 Submitting a Bid Offer

F.2.13.1 Bid Offer to provide the whole works, services or supply identified in the Contract Data, unless stated otherwise in the Bid Data.

F.2.13.3 Bid offers shall be submitted as an original only.

F.2.13.5 Delivery of Bid

All tenders must be emailed to tenders.scm@mbizana.gov.za by no later than **12H00 on the 05 October 2026** after which they will be opened. All tenders must be clearly marked the Name of the project and Reference number indicated above.

Identification details: VONSTRUCTION OF 05 ABLUTION FACILITIES AND DLTC BUILDING REFURBISHMENT

Contract No.: WMM LM 00071

F. 2.15 Closing Time

The closing time for submission of Bid Offers is **12h00, on 05 October 2026**

Telephonic, telegraphic, telex or electronic Bids will not be accepted.

F. 2.16 Bid validity

The Bid Offer validity period is 90 days from the closing time for submission of Bids.

F.2.19 Inspection, tests and analysis

Access shall be provided for inspections and testing by personnel acting on behalf of the Employer.

F.2.22 Return of Bid Documents

Not applicable.

F.2.23

Certificates

The following certificates must be provided with the Bid:

1. Company / CC / Trust / Partnership registration certificates
2. ID certificate(s) of all directors, members and/or shareholders
3. An original valid Tax clearance issued by the South African Revenue Services
4. VAT Registration Certificate
5. Workmen's Compensation Registration Certificate (or proof of payment of contributions in terms of the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993)
6. Skills Development Levy Certificate
7. Joint venture agreement and power of attorney in case of joint ventures.
8. Contractors CIDB registration certificate.
9. Exempted Micro Enterprises (EMEs) must submit a certificate issued by a registered auditor, accounting officer (as contemplated in section 60(4) of the Close Corporation Act, 1984 (Act No. 69 of 1984)) or an accredited verification agency.
10. Originally certified copy of a Valid B-BBEE status level verification certificate issued by a verification agency accredited by SANAS (Joint Venture bidders must produce a combine B-BBEE status level verification)
11. Contractor's Health and Safety Declaration

F.3.4

Opening of Bid Submissions

The time and location for opening of the Bid offers are: 12h00

Time: **12:00** Date: **05 October 2026**

All tenders must be emailed to tenders.scm@mbizana.gov.za

All tenders must be clearly marked the Name of the project and Reference number indicated above.

F.3.11

Evaluation of Bid Offers

F.3.11.1

The procedure for evaluation of responsive Bid Offers will be Method 4: Financial Offer, Quality and Preferences.

Evaluation will be done using a two stage process in terms of National Treasury Circular No. 53. The procedure to be used for the allocation of points of responsive bids will be Method 4 with the 80/20 Preference Point System. Bids shall be scored for quality on stage one only to pre-qualify bids and only those bids that meet the specified minimum 60% total score for quality shall be considered further on stage two where they will then be evaluated on the basis of the 80/20 Preference Points System.

F.3.11.5

Method 4: Financial Offer, Quality and Preferences

The score for quality will be calculated based on the assessment of the submitted returnables and as per the score card below.

The score for quality is to be calculated using the following formula:

$$Wq = W2 \times So / Ms$$

where:

W2 is the percentage score given to quality and equals 100

So is the score for quality allocated to the submission under consideration

Ms is the maximum possible score for quality in respect to the submission, which equals 70

The evaluation criteria for quality must comprise of the details as per the table below:-

FUNCTIONALITY

Functionality will be evaluated based on the following criteria and bidders who failed to score a minimum functionality assessment of 70% will be considered non-responsive and will not be evaluated further:

EVALUATION CRITERIA		
EXPERIENCE	POINTS	MAXIMUM POINTS
Experience in the construction of at least 3 and above similar projects to the value of R 5 000 000.00 or above each	60 points	60 Points
Experience in the construction of at least 2 similar projects to the value of R 5 000 000.00 or above each	40 Points	40 Points
Experience in the construction of at least 1 similar project to the value of R 5 000 000.00 or above each	20 points	20Points
Experience in the construction of 0 to 1 similar project to the value of R 5 000 000.00 or above each	0 points	0 points
Bidder has submitted no information or inadequate information to determine the scoring level	0 Points	0 Points
(Attach Signed Appointment letter, Signed Reference Letter (not more than three Months old) and Completion Certificate for each project claimed)		
KEY PERSONNEL		
Description	Points	Max Points
Description		
Construction Manager/ Contracts Manager - NQF level 6 qualification Graduate in Civil Engineering or Construction Management with 3 years in Earthworks / Civil Projects and Construction Works (of which as	25 Points	25 Points

and is registered with SACPCMP as Professional Construction Project Manager,		
Site Agent NQF level 6 qualification Graduate in Civil Engineering or Construction Management with 3 years experience in Earthworks/Civil Projects and Construction Works as a Site Agent and is registered with SACPCMP or ECSA as Professional,.	15 Points	15Points
NB: Bidder has submitted no information or inadequate information to determine the scoring level or has experience less than the required minimum years.	0 Points	0 Points
The bidder must submit CV, Qualifications		
TOTALS		100 POINTS

THE MUNICIPALITY reserves the right not to accept the lowest tender or any tender, late, incomplete, telegraphic, or facsimile tenders will not be considered. The Council is not bound to accept the lowest or any proposal and reserves the right to accept the whole or part of the proposal any tender or to furnish reasons for its decisions.

Tenderers that score less than 70% of the points will *not* be considered further.

NB: Bidders are required to submit supporting documents to score full point

- a) Bidders qualifying on (a) above will be further evaluated using the following procedure for the evaluation of responsive Bids (Price and preferences). The weighting of Bid price and preferences of the Bidder will be done by way of a point system:

For Contracts exceeding a point value of R 50 000 000-00

- 90 points are assigned to price; and
- 10 points are assigned to preferences.

For Contracts not exceeding a potential value of R 50 000 000-00

- 80 points are assigned to price; and
- 20 points are assigned to preferences.

The total points for Price and preferences must add up to 100 points. The financial offer will be scored using formula:

The financial offer will be scored in terms of Formula 2, Option 2 of SANS 294: 2004, which reads as follows (refer to clause F.3.11.6.1):

$$Nfo = W1 \times Pm/P$$

Where:

- Nfo = number of Bid evaluation points awarded for the financial offer;
W1 = 90 points for rand value over R 50 000 000-00;
Pm = the rand value of the lowest comparative offer;
P = the rand value of the Bid Offer under consideration.

- b) Scoring Preferences

The Bidder is required to submit a BEE Verification Certificate in accordance with the Construction Sector Codes of Practice promulgated in Gazette 32305 on 5 June 2009 (see Returnable Schedule L). See also www.sanas.co.za for details of accredited Verification Agencies.

Up to 10 Bid evaluation points will be awarded to Bidders who submit responsive Bids and who are found to be eligible for the preference claimed. Points are based on a Bidder's scorecard measured in terms of the Broad-Based Black Economic Empowerment Act (B-BBEE, Act 53 of 2003) and the Regulations (2009) to the Preferential Procurement Policy Framework Act (PPPFA, Act 5 of 2000).

Points awarded will be according to a Bidder's B-BBEE status level of contributor and summarised in the table below:

Table F.2: Preference Points based on B-BBEE status level of contributor

Status Level of contributor	Scorecard	Preference Points based on scorecard (90/10 System)	Preference Points based on scorecard (80/20 System)
1	≥ 100 points	10	20
2	≥ 85 but < 100 points	9	18
3	≥ 75 but < 85 points	8	16
4	≥ 65 but < 75 points	5	12
5	≥ 55 but < 65 points	4	8
6	≥ 45 but < 55 points	3	6
7	≥ 40 but < 45 points	2	4

8	≥ 30 but < 40 points	1	2
Non-compliant Contributor	< 30 points	0	0

Eligibility for preference points is subject to the following conditions:

- a) A Bidder's scorecard shall be based on the Construction Sector Codes of Practice promulgated in Government Gazette 32305 of 5 June 2009; and
- b) The scorecard shall be submitted as a certificate attached to Returnable Schedule L;
- c) The certificate shall have been issued by a registered verification agency accredited by the South African National Accreditation System (SANAS), as contemplated in the B-BBEE Framework for Accreditation and Verification by all Verification Agencies promulgated in Government Notice 810 of 31 July 2009; and
- d) The date of issue of the certificate must be less than 12 (twelve) months prior to the advertised Bid closing date (see Bid Data F.2.15); and
- e) Compliance with any other information requested to be attached to Returnable Schedule L.

Total Scores for Financial and Preference

The points scored for a Bidder in respect of Price must be added to the points scored for the B-BBEE preferences. Only the Bid with the highest number of points may be selected, except in those instances identified in the SCM Policy Framework of the Client.

F.3.12 Acceptance of Bid Offer

F.3.12.1 Bid offers will only be accepted on condition that:

- (a) The Bid offer is signed by a person authorised to sign on behalf of the Bidder;
- (b) A price is entered against each item in the schedule of quantities, whether the quantities are stated or not. An item against which no price is entered or where a word or phrase such as "indicated" or "provided elsewhere" is entered will deem the Bid invalid.
- (b) A valid original Tax Clearance Certificate is included with his Bid;
- (c) Bidder's declaration of compliance with the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations 2003, filled in and signed by the authorized person, is included with his Bid submission;
- (d) A Bidder who submitted a Bid as a Joint Venture has included an acceptable Joint Venture Agreement with his Bid;
- (e) The Bidder or a competent authorised representative of the Contractor who submitted the Bid has attended the compulsory clarification meeting or site inspection;
- (f) The Contractor who submits the Bid has been registered with the Construction Industry Development Board in accordance with the Construction Industry Development Board Act No. 38 of 2000 and the Regulations 2003 promulgated in terms of the Act, or if the Contractor can submit proof or evidence that he will be able to register within 10 days of the closing date for submission of Bids.
- (g) A Compulsory enterprise questionnaire, filled in and signed by the authorized person, is included with his Bid submission;
- (h) The Bidder is not in arrears for more than 3 months with municipal rates and taxes and municipal service charges

-
- (i) The Bidder or any of its directors is not listed on the Register of Bid 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.
 - (j) The Bidder has not:
 - (i) Abused the Employer's Supply Chain Management System; or
 - (ii) Failed to perform on any previous contract and has been given a written notice to this effect.

F.3.13

Copies of Contract

The number of paper copies of the signed contract to be provided by the Employer is O

C2 PRICING DATA

C2.1 Pricing Instructions

1 GENERAL

- 1.1 The Standard for Uniformity in Construction Procurement published in terms of the Construction Industry Development Board (CIDB) Act, 2000 (Act no. 38 of 2000), the Standardized Construction Procurement Documents for Engineering and Construction Works as issued by the CIDB and any other relevant documentation pertaining thereto must be studied and all principles in this regard must be applied to all procurement documentation, practices and procedures.
- 1.2 The consultant(s)/project manager must acquaint themselves fully with all relevant matters pertaining to this section in order to enable prospective bidders to price for all eventualities.

2 Error! Reference source not found.

- 2.1 Priced items are deemed to include all costs, overheads and profit. The **principal agent** may instruct the **contractor** to adjust prices which are considered to be imbalanced or unreasonable and to eliminate errors or discrepancies. Such adjustments shall be effected to the approval of the **principal agent** and shall not change the **contract sum**.
- 2.2 It will be assumed that prices included in the Error! Reference source not found. are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards)
- 2.3 The Error! Reference source not found. is not intended for the ordering of materials. Any ordering of materials, based on the Error! Reference source not found., is at the Contractor's risk

3 VALUE ADDED TAX

- 3.1 The tender price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Error! Reference source not found. must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.

4 CONTRACT DOCUMENT

- 4.1 The agreement is based on the JBCC Principal Building Agreement, prepared by the Joint Building Contracts Committee, Edition 6.2, May 2018. The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Error! Reference source not found. are recited.
- 4.2 Preliminary and general requirements are based on the JBCC Series 2000 Preliminaries, prepared by the Joint Building Contracts Committee, May 2018. The additions, deletions and alterations to the various parts of these JBCC Preliminaries as well as the contract specific variables are as stated in the Contract Data in the Scope of Work. Only the headings and clause numbers for which allowance must be made in the Error! Reference source not found. are recited
- 4.3 The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminary and General) of the Error! Reference source not found.. Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")

5 DRAWINGS

- 5.1** The drawings listed in the Scope of Works, used for the setting up this work, are kept by the architect and can be viewed at any time during office hours up until the completion of the works

C2.2 BILLS OF QUANTITIES

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SECTION NO. 1

NOTES TO CONTRACTOR

- 1.0 CONTRACT DOCUMENTS :** The contract documents consist of the JBCC Edition 6.2 May 2018 Principal Building Agreement as further amplified/modified within the Preliminaries (Section 6 Bill No 1 hereof), the drawings listed herein, the MLC Standard Preambles (Eleventh Edition) and these bills of quantities containing all modifications thereof as incorporated in the documents before the signing of the Contract takes place

These contract documents supersede all enquiries, proposals, agreements, negotiations and commitments, whether written or verbal, prior to the date of execution of this contract

The terms of the Letter of Award in Section 3 of the contract document shall prevail over any other terms should there be a conflict of the terms hereof and that contained in the Principal Building Agreement and Sections/Annexures thereto

- 2.0 DESCRIPTION OF THE WORKS :** The description hereunder is a general guide only and the contractor is referred to the architect's and engineer's drawings for scope purposes. No liability shall be accepted should the information provided under this heading be considered misleading

Construction of works in accordance with principal contractors scope of works as contained in the bill of quantities.

- 3.0 SEPARATE CONTRACTS :** The Contractor is advised that there will be direct contracts carried out simultaneously with, prior or during this contract. The contractor will be required to attend and co-ordinate the works with the approved direct contractors.

The contractor shall not be entitled to any percentage profit, attendance, loss of profit, etc., for any direct works undertaken in this regard, but shall nevertheless allow the direct contractors access to the works

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

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- 4.0 PRELIMINARIES :** The following clauses, with reference to the Preliminaries hereof, are highlighted and the contractor is requested to take particular note of their contents, as no claims due to the misunderstanding of the true meaning and intent thereof will be entertained

The contractor is to note that these clauses do not in any way reduce their liabilities and/or obligations arising from their compliance with the remainder of the contract documentation

- 4.1 DETAILS OF CHANGES TO THE PROVISIONS OF JBCC STANDARD DOCUMENTATION :** Certain provisions of the JBCC Principal Building Agreement Edition 6.2 May 2018 have been changed. Details of such changes are recorded under the relevant clause numbers within the Preliminaries as contained within these bills of quantities

- 4.2 EFFECTING INSURANCES (CLAUSES A10.0, C3.1 AND 3.2) :** The employer shall arrange and pay for the contracts work risk, public liability and lateral support insurances

Any clarification as to the scope of cover provided by the policies arranged by the employer should be obtained from the employer's insurance brokers:

- 4.3 PRICING OF PRELIMINARIES (CLAUSE C2.2) :** These bills of quantities have been formulated in the conventional manner, whereby the preliminaries have been included as a separate bill in order to enable the contractor to price their site establishment costs, site management, etc.

- 4.4 PRICING OF BILLS (CLAUSE C2.3) :** The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the Standard System of Measurement) patterns, models and templates, plant, temporary works, returning of packings, duties, taxes, establishment charges, overheads, profit and all other obligations arising out of the agreement

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

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

The contractor shall execute work during "overtime" hours as necessary in order to complete the project within the agreed construction period and shall provide such resources and work such overtime hours as necessary. Costs for the execution of this work under these conditions shall be included within the contract sum

- 5.0 MLC STANDARD PREAMBLES (11th EDITION) :** The MLC Standard Preambles shall form part of the contract documents. Electronic copies are available on request from MLC. Rates shall be deemed to have incorporated all aspects and requirements of the said Preambles

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- 6.0 HEALTH AND SAFETY SPECIFICATION :** In order to achieve compliance with the Occupational Health & Safety Act (85/1993) and the Construction Regulations (July 2003), the employer will appoint an independent safety officer who will, in consultation with the contractor, draw up and agree the construction phase health and safety plan / specification. This health and safety specification will form an integral part of the principal contract document and will be copied to all subcontractors for inclusion, as modified, within their respective scopes of works

Within the scope of Clause A2.0 hereof, the contractor is to allow for all costs relating to compliance with both the Occupational Health & Safety Act (85/1993) and the Construction Regulations (July 2003) as well as for interfacing with and implementing directives issued by the independent safety officer in terms of the aforementioned acts

- 7.0 WORK PERMITS :** All staff employed by the principal contractor and all his domestic and selected subcontractors shall have the necessary work permit allowing them to work legally in South Africa. The employer reserves the right to have any staff member removed from the works should he/she not comply with the above requirement
- 8.0 COMPLETION / SIGNATURE OF ANNEXURES :** The annexures appended to the rear of this document, shall not be completed at the time of tender, but shall be completed in accordance with the requirements of the contract, as follows:
- 8.1 Annexure A - Guarantee for Construction:** to be completed by the contractor and lodged within fifteen (15) calendar days of acceptance of the contractor's tender
- 8.2 Annexure B - Guarantee for Payment:** to be completed by the employer and lodged with the contractor in the instance where the contractor is required to waive his lien over the site
- 8.3 Annexure C - Waiver Of Contractor's Lien:** to be completed and lodged by the contractor at the request of the employer in exchange for a guarantee for payment from the employer (Annexure "B" hereof)
- 8.4 Annexure D - Guarantee for Advance Payment:** to be completed and lodged by the contractor where so required in the contractor's accepted tender and in the instances where the contractor makes application for the inclusion of the value of materials and goods stored off site in an interim payment certificate
- 8.5 Annexure E - Application for Payment in Respect of Materials and Goods Stored On Site:** to be completed by the contractor whenever he makes application for the inclusion of the value of materials and goods on site in an interim payment certificate
- 8.6 Annexure F - Application for Payment in Respect of Materials and Goods Stored Off Site:** to be completed by the contractor whenever he makes application for the inclusion of the value of materials and goods off site in an interim payment certificate (to be accompanied by a Guarantee for Advance Payment and where applicable, a Waiver of Hypothec).
- 8.7 Annexure G - Waiver of Hypothec :** to be completed and lodged by the contractor in the instances where the contractor makes application for the inclusion of the value of materials and goods stored off site in an interim payment certificate and where the said materials and goods are stored in a leased facility
- 8.8 Annexure H - Form of Indemnity by Contractor Undertaking Design Responsibility:** to be completed by the contractor in the instances where the contractor specifically undertakes the

Notes

design of an aspect of the works

- 8.9 **Annexure I** - Form of Indemnity by Selected / Nominated Subcontractor Undertaking Design Responsibility: to be completed by selected / nominated subcontractors in the instances where such subcontractors specifically undertake the design of an aspect of the works
- 8.10 **Annexure J** - List of Equipment in Specialist Work / Imported Materials to be excluded from the Value of Work subject to adjustment in terms of the CPAP: to be completed and submitted by the contractor at the time of tender, where he requires the exclusion of equipment in specialist work / imported materials / labour in a tender alternative subject to adjustment in terms of the CPAP
- 8.11 **Annexure K** - Declaration of Insurance: to be completed by the contractor or employer as applicable, where the party responsible for effecting the various insurances is called upon by the other party or principal agent to complete such declaration
- 8.12 **Annexure L** - Insurance Claims Procedure: only to be completed by the contractor where the employer is responsible for effecting the various insurances and an event has occurred leading to a claim being made against such insurances
- 8.13 **Annexure M** - Health and Safety Specification: to follow
- 8.14 **Annexure N** - Geotechnical Report: to follow
- 8.15 **Annexure O** - Environmental Management Plan: to follow
- 8.16 **Annexure P** - Drawings
- 9.0 **ENVIRONMENTAL MANAGEMENT PLAN** : The Contractor shall be responsible for adhering and complying to the all required conditions as laid down in the Department of Environmental Affairs National Environment Management Act 1998, as no claims for additional costs in relation to its requirements shall be considered
- 10.0 **EXCEPTIONAL ADVERSE WEATHER CONDITIONS** : The contractor is to take note of Clause 23.11 within the contract detailing exceptional adverse effect of weather conditions

Exceptional adverse effect of weather conditions shall mean adverse weather conditions including rainfall, wind, heat, cold, etc., more extreme than what would normally be expected for the locality of the site and for the time of year, based on factual historical data as recorded by the National Weather Bureau for the nearest representative weather station to the site.

Revisions to the date for practical completion in respect of exceptional adverse effect of weather conditions will only be considered by the principal agent, to the extent that the actual recorded adverse weather conditions on site affecting work on a critical activity during the course of the contract, exceeds historical averages as recorded by the weather bureau for the nearest representative weather station to the site

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11.0 CHANGE REQUESTS : The scope of works applicable on this contract shall be strictly in accordance with the drawings, specifications, and bills of quantities contained in the appointment pack. Any variation to the drawings, Bills of Quantities and or specifications in this appointment pack will need to be addressed by way of the change request process. Any instructions or submission to site without the written and approved change request document and protocol being followed will not be permitted and any abortive cost as a result thereof will be payable by the liable party. As the contractor you are to ensure that you have confirmed with the principal agent that the change request has been approved prior to implementing any site instruction or works on site

12.0 RETENTION : The contractor is to take note of the amended Clause 11.4.1 within the contract detailing the retention conditions

"Withhold payment from the Contract in an amount of ten percent (10%) of the value certified in the interim payment certificates until the total amount withheld is equal to five percent (5%) of the contract sum. Once Practical Completion is deemed to be achieved by the Principal Agent, the amount withheld shall reduce to two and a half percent (2.5%) of the contract sum. Upon the achievement of Final Completion, the amount withheld shall reduce to zero (0%) of the contract sum. The remaining amount shall be released in the final payment certificate"

13.0 PAYMENT : The contractor is to take note of the amended clause 25.10 within the contract document

The contractor's monthly claims for payment shall be submitted to the quantity surveyor on the 25th day of each month, following which the quantity surveyor shall submit his valuation to the Principal Agent by the 7th day of the following month.

The payment shall be made by the employer to the Principal Contractor on or before the last day of the month following the issue of the valuation or the next working day should the last day fall on a weekend. Payment shall only be made by the Employer following receipt of both the original payment certificate and the Contractor's tax invoice

14.0 SITE/ESTATE OPERATION : It is crucial that the contractor adheres to the "house rules" during the construction period

The contractor shall execute the works in a manner to cause the least interference with the neighbouring residences and minimise any nuisance from dust, noise, or other causes with due regard for the safety of the residents

15.0 CRITERIA TO ACHIEVE PRACTICAL COMPLETION NOT COVERED IN THE DEFINITION OF PRACTICAL COMPLETION : Without derogating from the generality of the requirements of Practical completion, the specific requirements listed below are pre-conditions to practical completion:

1. Defects

**MBIZANA TRAFFIC DEPARTMENT
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1.1 All Defects noted on the list of practical completion or quality control sheets issued by the principal agent during the construction period must have been rectified and attended to in their entirety to the satisfaction of the principal agent

1.2 All defects discovered or occurring after the issue of the list for practical completion requiring remedial work that will, in the opinion of the principal agent cause disruption, must have been rectified and attended to in their entirety to the satisfaction of the principal agent

2. Certificates to be provided by the contractor

The following certificates of compliance (in addition to others that may be required by the local/national authority) must have been provided by the contractor:

a) A certificate of compliance from the contractor with respect to the Construction Regulations of 2003 (issued in terms of the Occupational Health and Safety Act 1993, as amended) to the effect that such regulations, with the exception of any requirements relating to design, have been complied with

b) A certificate of compliance from the contractor with respect to the National Building Regulations to the effect that such regulations, with the exception of any requirements relating to design, have been complied with

c) A certificate of compliance from the contractor with respect to the civil and structural work to the effect that the civil and structural work has been constructed in compliance with the structural engineer's drawings and details issued for construction

d) A certificate of compliance from the contractor with respect to all rainwater disposal and plumbing and drainage work to the effect that all rainwater disposal and plumbing and drainage work has been constructed in compliance with the wet services engineers drawings and details issued for construction

e) A certificate of compliance from the contractor with respect to all electrical and electronic installations to the effect that all electrical and electronic installations have been constructed in compliance with the electrical engineers drawings and details issued for construction

f) A certificate of compliance from the subcontractor with facades, glazing, shop fronts to the effect the facades, glazing and shop fronts have been constructed in compliance with facade engineers' performance specification issued for construction

g) A certificate of compliance from the contractor with respect to all fire installations to the effect that all fire installations have been constructed in compliance with the fire engineers drawings and details issued for construction

h) A certificate of compliance from the contractor with respect to the landscaping work to the effect that all landscaping work has been constructed in compliance with the landscape architects drawings and details issued for construction

i) A certificate of compliance from the contractor with respect to all mechanical installations to the effect that all mechanical installations have been constructed in compliance with the mechanical engineers drawings and details issued for construction

j) A certificate of compliance from the subcontractor with respect to all lift installations to the effect that all lift installations have been constructed in compliance with the lift engineers specifications issued for construction

3. Maintenance and operating manuals

The contractor must provide a complete set of maintenance and operating manuals together with all workmanship and material warranties and guarantees. These are to be compiled in draft and issued to the principal agent at least 2 weeks prior to the anticipated date of practical completion principal agent will provide further details of a baseline format of O&M manuals that will have to be adhered to

Each specialist subcontractor (Where applicable) will be required to provide a workshop of training for the facilities management team . (This training may only take place after final completion, when the tenant has fully occupied the building and appointed the responsible personal)

4. General requirements

The contractor must adhere to the handover methodology as itemised in Annexure and drafted by the Interior fit-out team.

16.0 PROTECTION OF THE WORKS - SPECIFIC REQUIREMENTS : The contractor shall provide for the protection of all work for which a certificate of practical completion has not yet been issued and which is liable to be damaged from any cause, which protection shall, inter alia, include :

- i. the protection of the works from inclement weather, exposure to the sun and the removal of water from whatever source from the works (keeping excavations free of water separately measured)
- ii. the provision and maintenance of all necessary temporary protection of finished and/or existing work liable to be damaged during the progress of the works by properly covering up, isolating, etc., as required

The contractor shall be responsible for any damage which may occur and shall make good at his own expense

SECTION NO. 2

CONTRACT DATA - PROJECT & CONTRACT INFORMATION

A PROJECT INFORMATION

A 1.0 Works [1.1]

Project name	Mbizana Licensing Office
Reference number	MLC-8592

A 2.0 Site [1.1]

Erf / stand number	ERF 3105 (PORTION OF 110)
Township / Suburb	Mbizana
Site address	
Local authority	Winnie Madikizela-Mandela Municipality

A 3.0 Employer [1.1]

Name	Winnie Madikizela-Mandela Local Municipality		
Legal entity of above	Organ of state	Contact person	Mr Z. Khala
Business registration number		Telephone number	039-2510230
VAT/GST number		Mobile number	
Country	South Africa	E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

A 4.0 Principal agent [1.1]

Name	VHB Associates		
Legal entity of above	Private Company	Contact person	Mr V. Bridglall
Practice number	TBC	Telephone number	039 0320003
		Mobile number	082 554 3427
Country	South Africa	E-mail	yhb@yhbassociates.co.za
Postal address			
		Postal code	
Physical address	48 Bisset Street		
	Port Shepstone	Postal code	4240

A 5.0 Agent [1.1; 6.2]	Discipline	Architect
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Name	VHB Associates		
Legal entity of above	Private Company	Contact person	Mr V. Bridglall
Practice number	TBC	Telephone number	039 0320003
		Mobile number	082 554 3427
Country	South Africa	E-mail	yhb@yhbassociates.co.za
Postal address			
		Postal code	
Physical address	48 Bisset Street		
	Port Shepstone	Postal code	4240

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

A 6.0 Agent [1.1; 6.2]	Discipline	Quantity Surveyor
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Name	MLC Quantity Surveyors		
Legal entity of above	Private Company	Contact person	Haveer Singh
Practice number	2010/010744/07	Telephone number	031 940 7783
		Mobile number	
Country	South Africa	E-mail	hsingh@mlc-group.com
Postal address	Postnet Suite 176, private bag X02		
	Glenashley	Postal code	4022
Physical address	1st Floor, 21 Richefond Circle, Ridgeside office Park		
		Postal code	4319

A 7.0 Agent [1.1; 6.2]	Discipline	Structural & Civil Engineer
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Name	KDA Consulting Engineers		
Legal entity of above	private company	Contact person	Mr D. Naidoo
Practice number		Telephone number	031 2072926
		Mobile number	084 988 4693
Country	South Africa	E-mail	dhanashan@kda.org.za
Postal address	215 Alpine Road		
	Springfield	Postal code	4091
Physical address	Per above		
		Postal code	

B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

Bills of quantities: System/Method of measurement	Standard System of Measuring Building Work - 7th Edition published by The Association of South African Quantity Surveyors
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B 2.0 Law, regulations and notices [2.0]

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

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

The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom	PRINCIPAL AGENT
Number of copies of the construction information issued to the contractor at no cost [5.6]	One copy and an electronic copy
Documents comprising the agreement	Page numbers
The JBCC® Principal Building Agreement, Edition 6.2 May 2018	1 to 30
The JBCC® Principal Building Agreement - Contract Data, Edition 6.2 May 2018	1 to 14
The JBCC® General Preliminaries for use with the JBCC® Principal Building Agreement, Edition 6.2 May 2018	1 to 7
The priced tender document	
Annexures "A" to "M"	
MLC Standard Preambles - 11th edition	

Note: Drawings will be deemed as issued on signature of receipt on the drawings register

Contract drawings - description	Number	Revision	Date
Refer to annexure C5.2			

B 5.0 Employer's agents [6.0]

Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [6.2]
Refer to Section Three, Bill no 1, Clause 6.2 of the Preliminaries

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Principal agent's and agents' interest or involvement in the works other than a professional interest [6.3]
None

B 6.0 Insurances [10.0]

Insurances by employer			Amount including tax	Deductible amount including tax
Contract works insurance:				
	New work [10.1.1] (contract sum or amount)			
or	Works with practical completion in sections [10.2] (contract sum or amount)			
or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works)			
	Direct contractor [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Escalation, professional fees and reinstatements cost if not included above			
Total of the above contract works insurance amount				
Supplementary insurance [10.1.2; 10.2]				
Public liability insurance [10.1.3; 10.2]				
Removal of lateral support insurance [10.1.4; 10.2]				
Other insurances [10.1.5]				
Yes/no?	Yes	If yes, description 1		
Surrounding Property Damage				
Yes/no?		If yes, description 2		

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Insurances by contractor			Amount including tax	Deductible amount including tax
Contract works insurance:				
	New work [10.1.1] (contract sum or amount)		To the value of contract sum	
	Direct contractor [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Escalation, professional fees and reinstatements cost if not included above			
Total of the above contract works insurance amount				
Supplementary insurance [10.1.2]				
Public liability insurance [10.1.3]			R5mil	
Removal of lateral support insurance [10.1.4]				
Other insurances [10.1.5]				
Yes/no?		If yes, description 1		
Yes/no?		If yes, description 2		

B 7.0 Obligations of the employer [12.1]

Existing premises will be in use and occupied [12.1.2]		Yes/no?	Yes
If yes, description	Existing facility will continue to trade.		

Restriction of working hours [12.1.2]		Yes/no?	Yes
If yes, description	All construction activities shall be in accordance with the local municipal by laws.		

Contract Data

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Natural features and known services to be preserved by the contractor [12.1.3]	Yes/no ?	No
If yes, description		

Restrictions to the site or areas that the contractor may not occupy [12.1.4]	Yes/no ?	Yes
If yes, description	The contractor will be restricted to occupy only that portion of the site as indicated on the architect's drawing and he shall on no account be allowed to extend his operations beyond the defined areas, without the written approval of the principal agent Within the defined restrictions and constraints, the contractor will be responsible for the location of his site establishment. Any required relocation thereof to meet the requirements of the programme / constraints of the site, will be for the contractor's account. Access to the site for all construction vehicles will be restricted to entry and exit points to be agreed with the principal agent	

Supply of free issue [12.1.10]	Yes/no ?	Yes
If yes, description	To be confirmed during the course of the project.	

B 8.0 Nominated subcontractors [14.0]

Specialisation 1	
Specialisation 2	
Specialisation 3	
Specialisation 4	
Specialisation 5	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

B 9.0 Direct contractors [16.0]

Extend of work [12.1.11]	To be confirmed
Extend of work [12.1.11]	
Extend of work [12.1.11]	
Extend of work [12.1.11]	
Extend of work [12.1.11]	

B 10.0 Description of sections [20.1]

Section 1	
Section 2	
Section	Remainder of the works

B 11.0 Possession of site [12.1.5], practical completion [19.0;20.0] and penalties [24.0]

Practical completion for the works as a whole	Intended date of possession of the site [12.1.5]	Period for inspection the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date	working days	Date	Penalty amount per calendar day
	1 Feb 2027	10	1 October 2027	R5000

or where **sections** are applicable

Practical completion of a section of the works	Intended date of possession of a section [12.1.5]	Period for inspection the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date	working days	Date	Penalty amount per calendar day
Section 1	Not Applicable			
Section 2				
Remainder of the works				

Criteria to achieve practical completion not covered in the definition of practical completion

Without derogating from the generality of the requirements of Practical completion, the specific requirements listed below are pre-conditions to practical completion:

1. Defects

1.1 All Defects noted on the list of practical completion or quality control sheets issued by the principal agent during the construction period must have been rectified and attended to in their entirety to the satisfaction of the principal agent

1.2 All defects discovered or occurring after the issue of the list for practical completion requiring remedial work that will, in the opinion of the principal agent cause disruption, must have been rectified and attended to in their entirety to the satisfaction of the principal agent

2. Certificates to be provided by the contractor

The following certificates of compliance (in addition to others that may be required by the local/national authority) must have been provided by the contractor:

a) A certificate of compliance from the contractor with respect to the Construction Regulations of 2003 (issued in terms of the Occupational Health and Safety Act 1993, as amended) to the effect that such regulations, with the exception of any requirements relating to design, have been complied with

b) A certificate of compliance from the contractor with respect to the National Building Regulations to the effect that such regulations, with the exception of any requirements relating to design, have been complied with

c) A certificate of compliance from the contractor with respect to the civil and structural work to the effect that the civil and structural work has been constructed in compliance with the structural engineer's drawings and details issued for construction

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

d) A certificate of compliance from the contractor with respect to all rainwater disposal and plumbing and drainage work to the effect that all rainwater disposal and plumbing and drainage work has been constructed in compliance with the wet services engineers drawings and details issued for construction

e) A certificate of compliance from the contractor with respect to all electrical and electronic installations to the effect that all electrical and electronic installations have been constructed in compliance with the electrical engineers drawings and details issued for construction

f) A certificate of compliance from the subcontractor with facades, glazing, shop fronts to the effect that the facades and glazing have been constructed in compliance with facade engineers' performance specification issued for construction

g) A certificate of compliance from the contractor with respect to all fire installations to the effect that all fire installations have been constructed in compliance with the fire engineers drawings and details issued for construction

h) A certificate of compliance from the contractor with respect to the landscaping work to the effect that all landscaping work has been constructed in compliance with the landscape architects drawings and details issued for construction

i) A certificate of compliance from the contractor with respect to all mechanical installations to the effect that all mechanical installations have been constructed in compliance with the mechanical engineers drawings and details issued for construction

j) A certificate of compliance from the subcontractor with respect to all lift installations to the effect that all lift installations have been constructed in compliance with the lift engineers specifications issued for construction

3. Maintenance and operating manuals

The contractor must provide a complete set of maintenance and operating manuals together with all workmanship and material warranties and guarantees. These are to be compiled in draft and issued to the principal agent at least 2 weeks prior to the anticipated date of practical completion. The principal agent will provide further details of a baseline format of O&M manuals that will have to be adhered to

Each specialist subcontractor (Where applicable) will be required to provide a workshop of training for the facilities management team. (This training may only take place after final completion, when the tenant has fully occupied the building and appointed the responsible person)

4. General requirements

4.1 Access (including basements, roadways, parking garages)

All parking, service areas, external access areas and the like as marked up on the Phased Access Drawings included as Annexure M in the bills of quantities, must be fully completed with unobstructed access in every respect. This includes the roadways from the perimeter of the site to the basement, driveway access through basements and upper parking levels and shall include the following:

- a) All emergency fire and traffic signage
- b) Road markings
- c) All fire escape routes and staircases complete and free of any obstructions

4.2 External façades

The external façades/arcades including terraces and balconies must be fully complete in every respect including the following:-

- a) All façade surfaces must be painted, polished or cleaned where required and must be free of any builder's debris, marks or scratches
- b) All doors complete with all ironmongery and locks sets with keys for handover
- c) Screed and tiling to falls tested and corrected as necessary prior to handover of Balustrade railing installed
- e) Roofs completed and waterproofed (Flood testing included)
- f) All landscape areas waterproofed, flood tested and planted

4.3 Lifts

- a) Lift installation inclusive of interiors are to be complete, commissioned and operating on permanent power
- b) All Operating Manuals and Annexure A Certificates to be in place

4.4 Security

- a) All areas to be handed over must be secure, doors fitted and lockable, windows glazed and all security and access control systems to be commissioned and operational (Excluding direct installations)
- b) All shop fronts, doors and windows must be lockable with ironmongery fitted and keys marked and tagged

4.5 Electrical/Electronics (Excl. direct installations)

Per handover methodology dictated by interior fitout team, refer annexure attached.

4.6 Plumbing installation

Per handover methodology dictated by interior fitout team, refer annexure attached.

4.7 Air conditioning

Per handover methodology dictated by interior fitout team, refer annexure attached.

4.8 BMS

Per handover methodology dictated by interior fitout team, refer annexure attached.

4.9 External sewer, stormwater drainage, water meter connection

All sewer, stormwater drainage, water meter and water systems shall be completed, tested and commissioned

4.10 Sprinklers and Fire fighting equipment

The sprinklers and fire fighting equipment shall be completed, tested, commissioned and on permanent water supply

B 12.0 Payment [25.0]

Date of the month for issue of regular payment certificates [25.2]	7th		
Cost fluctuations [25.3.4; 26.9.5]	Yes/no?	No	
If yes, method to calculate	N/A		

B 13.0 Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nomination body	Refer to clause 30 (1) in the contract conditions		
Applicable rules for adjudication [30.6.2]	by agreement between the parties		
Arbitration [30.7.4; 30.10] Name of nomination body	Refer to clause 30 (1) in the contract conditions		
Applicable rules for arbitration [30.7.5]	by agreement between the parties		

B 14.0 JBCC® General Preliminaries - selections

Provisional bills of quantities [P2.2]	Yes/no?	Yes	
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Availability of construction information [P2.3]	Yes/no?	Yes	Construction information for the works is incomplete and will only be completed during the construction period.
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Previous work - dimensional accuracy - details of previous contract(s) [P3.1]	N/A		
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Previous work - defects - details of previous contract(s) [P3.2]	N/A		
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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Inspection of adjoining properties - details [P3.3]	Tenderer shall undertake a full inspection of the adjoining properties with photographic records
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Handover of the site in stages - specific requirements [P4.1]	N/A
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Enclosure of the works - specific requirements [P4.2]	No Specific requirements, however the contractor is to comply in accordance with clause B7.0.
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Geotechnical and other investigations - specific requirements [P4.3]	Refer to Annexure "N" for a copy of the Geotechnical report
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Existing premises occupied - details [P4.5]	Refer Clause B7.0 of the contract data
---	--

Services - known - specific requirements [P4.6]	
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Water [P8.1]	By contractor	Yes/no?		
	By employer	Yes/no?		
	By employer - metered	Yes/no?		

Electricity [P8.2]	By contractor	Yes/no?		
	By employer	Yes/no?		
	By employer - metered	Yes/no?		

Ablution and welfare facilities [P8.3]	By contractor	Yes/no?	Yes	
	By employer	Yes/no?	No	

MBIZANA TRAFFIC DEPARTMENT
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Communication facilities - specific requirements [P8.4]	The contractor is required to provide suitable communication facilities on site to communicate with the professional team and employer. This shall include, but not limited to, mobile phones, emails, etc.
Protection of the works - specific requirements [P11.1]	The contractor shall provide for the protection of all work for which a certificate of practical completion has not yet been issued and which is liable to be damaged from any cause, which protection shall, inter alia, include : i. the protection of the works from inclement weather, exposure to the sun and the removal of water from whatever source from the works (keeping excavations free of water separately measured) ii. the provision and maintenance of all necessary temporary protection of finished and/or existing work liable to be damaged during the progress of the works by properly covering up, isolating, etc., as required. The contractor shall be responsible for any damage which may occur and shall make good at his own expense
Protection / isolation of existing works and works occupied in sections - specific requirements [P11.2]	
Disturbance - specific requirements [P11.5]	All construction activities shall be in accordance with the Seaton Estate House Rules detailed in Annexure "L".

Environmental disturbance - specific requirements [P11.6]	Refer to environmental management plan in annexure R
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B 15.0 Changes made to JBCC® documentation

Reference may be made to other documents forming part of this agreement
Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading in Section Three Bill No 1 (Conditions of Contract, JBCC PBA Edition 6.2) and such amendments, modifications, corrections or supplements shall take precedence

CONTRACT DATA - TENDER CLOSING, TENDERER'S SELECTION AND FORM OF TENDER

C TENDER CLOSING

Tender closing date	per public invite	Time	12H00
Tender submission address	Electronic Submission		
Tender may be submitted by e-mail	yes/no?	Yes	E-mail tenders.scm@mbizana.gov.za
Public tender opening	yes/no?	No	If yes Not Applicable
Alternative offer considered *	yes/no?	No	Original tender submitted yes/no? Yes

* We encourage value engineering with the alternative offer

D TENDERER'S SELECTION

D 1.0 Securities [11.0]

Guarantee for construction: Select Option A or B ☐		
Option A	Guarantee for construction (variable) by contractor [11.1.1]	
Option B	Guarantee for construction (fixed) by contractor [11.1.2]	
Guarantee for payment by employer [11.5.1; 11.10]	Amount	N/A
Advance payment, subject to guarantee for advance payment [11.2.2; 11.3]	Amount	N/A

Refer to amended clause 11.4.1

D 2.0 Contractor's annual holiday periods during the construction period

Year 1 contractor's annual holiday period	start date	TBC	end date	TBC
Year 2 contractor's annual holiday period	start date		end date	
Year 3 contractor's annual holiday period	start date		end date	

D 3.0 Payment of preliminaries [25.0]

Select Option A or B ☐ Where the contractor does not select an option, Option A shall apply	
Where the total amount of preliminaries is not identified (in a lump sum contract) it shall be taken as 7.5% (seven and a half per cent) of the contract sum , excluding contingency sums and any provision for contract price adjustment (cost fluctuation)	
Option A	Assessed by principal agent , an amount prorated to the value of the works executed in the same ratio as the amount of the preliminaries to the contract sum which contract sum shall exclude the amount of preliminaries . Contingency sum(s) and any provision for contract price adjustment (cost fluctuations) shall be excluded for the calculation of the aforesaid ratio
Option B	An amount agreed by the principal agent and the contractor in terms of the bills of quantities or the priced document to identify an initial establishment charge, a time based charge and a final disestablishment charge. Payment of the time-based charge shall be adjusted from time to time as may be necessary to take into account the progress of the works

D 4.0 Adjustment of preliminaries [26.9.4]

Select Option A or B ☐ Where the contractor does not select an option, Option A shall apply	
The amount of preliminaries shall be adjusted to take account of the effect of changes in time and/or value on preliminaries . Such adjustments shall be based on the particulars provided by the contractor for this purpose in terms of Options A or B, shall preclude any further adjustments of the amount of preliminaries and shall apply notwithstanding the actual employment of resources by the contractor in the execution of the works	
For the adjustment of preliminaries both the contract sum and the contract value shall exclude the amount of preliminaries , contingency sum(s) and any provision for contract price adjustments (cost fluctuations)	
Where the total amount of preliminaries is not identified (in a lump sum contract) it shall be taken as 7.5% (seven and a half per cent) of the contract sum , excluding contingency sums, and any provision for contract price adjustment (cost fluctuation)	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Option A	The preliminaries shall be adjusted in accordance with an allocation of preliminaries amount to be provided by the contractor within fifteen (15) working days of the date of acceptance of the tender as follows: • An amount which shall not be varied; • An amount varied in proportion to the contract value as compared to the contract sum; • An amount varied in proportion to the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value as compared to the number calendar days in the initial construction period. Where the above-mentioned information is not provided the following allocation off preliminaries shall apply: • Ten per cent (10%) shall not be varied • Fifteen per cent (15%) shall be varied in proportion th the contract value as compared to the contract sum • Seventy-five per cent (75%) shall be varied in proportion to the number of calendar days extension to the practical completion to which the contractor is entitled with an adjustment of the contract value as compared to the number of calendar days in the initial construction period Where completion in sections is required the contractor shall provide an apportionment of preliminaries per section. Should the contractor fail to provide the apportionment of preliminaries per section the categorised amounts shall be prorated to the cost of each section within the contract sum as determined by the principal agent
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Option B	The preliminaries shall be adjusted in accordance with a detailed breakdown of preliminaries amounts for the works or of a section to be provided by the contractor within fifteen (15) working days of possession of the site. Such breakdown shall inter alia include administrative and supervisory staff charges and charges for the use of construction equipment, all in terms of the programme The adjustment of preliminaries shall be based on the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value as compared to the number of calendar days in the initial construction period taking into account the resources planned for the period of construction during which the delay occurred (not for the period added to the initial or extended date of practical completion) Where the contractor does not provide the detailed breakdown of preliminaries within the period stated, Option A shall apply
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E FORM OF TENDER

E 1.0 Tenderer's details

Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
VAT/GST number		Mobile number	
Country	South Africa	E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

E 2.0 Acceptance of tender conditions

By submission of this tender to the **employer** the tenderer offers and agrees to execute and complete the **works** and to remedy any **defects** in the conformity with the specification for the tender amount stated

The tender shall remain in full legal force for One hundred and twenty (120) **calendar days** from the closing date of the tender. The tenderer accepts liability for loss or damages that may be suffered by the **employer** should the tender validity period not be honoured including any additional expense incurred by the employer in having to call for new tenders and/or in having to accept any less favourable tender

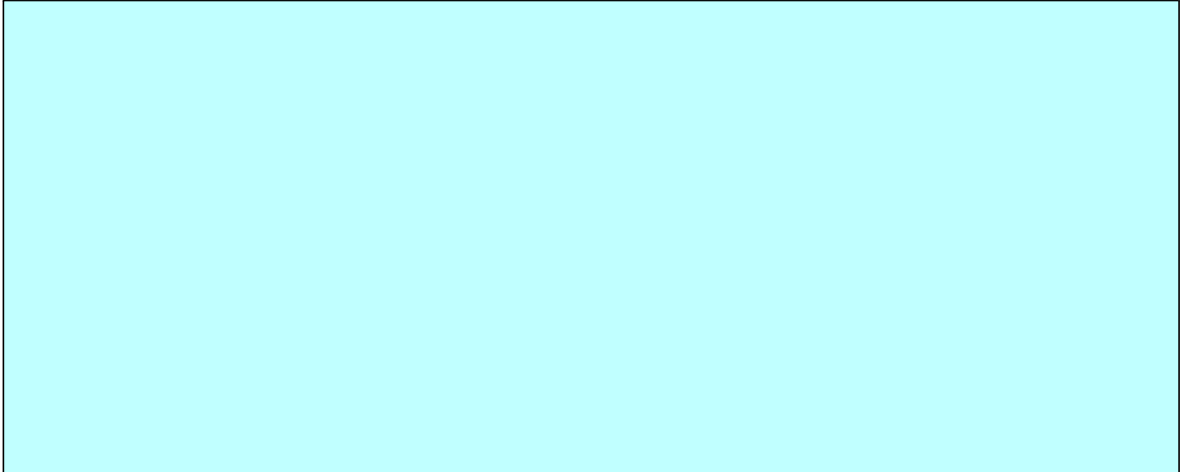
The lowest or any tender will not necessarily be accepted by the **employer** nor will reasons be given for such decision

E 3.0 Tender amount compilation

Main Tender (Fixed Price / Rates, Refer to clause 6.3 Section One hereof)

		Amount			
Tenderers work excluding tax					
Tax	15%				
Total tender amount including tax					
Total tender amount including tax, in words					
Signature	Tenderer who by signature warrants authority		Place		
Name		Capacity		Date	
Signature	Witness		Place		
Name				Date	

E 4.0 Tender qualifications



MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Amount R
	<u>SECTION ONE</u>		
	<u>BILL NO. 1</u>		
	<u>PRELIMINARIES</u>		
	<u>NOTES TO PRELIMINARIES</u>		
1.0	These Preliminaries comprise the following:		
1.01	Part A - The JBCC Principal Building Agreement Edition 6.2 May 2018 as amended by these bills of quantities		
1.02	Part B - The JBCC General Preliminaries Edition 6.2 May 2018 as amended by these bills of quantities		
1.03	Part C - Additional Preliminaries to meet the particular circumstances of this project		
2.0	Where references are made to clauses in any of the above sections, they will be identified by the prefix A, B or C followed by the clause number.		
3.0	Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof. These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not applicable to this contract, such modifications / corrections or additions as are necessary, are given as far as possible under each relevant clause heading.		
4.0	No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items in these bills of quantities which are fully described when read in conjunction with the relevant clauses of the said Preliminaries and Preambles.		
5.0	The tenderer shall allow opposite each of the clauses whatever costs and charges he may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein.		
	Only priced items will be considered in respect of any adjustment of this section. Any items left unpriced shall be deemed to be covered against other items throughout these bills of quantities and no claim for any extras arising out of the tenderer's omission to price any item will be entertained.		
	Carried Forward	R	
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6.0 Where modifications or amendments as described are made, such modifications and/or amendments shall supersede any conflicting provision in the relevant clauses of the Principal Building Agreement and the tenderer shall make due allowance for whatever costs and charges he may consider necessary for the carrying out and observance of the provisions of the clauses as modified and/or amended. 7.0 Any item not applicable to this contract is marked N/A. 8.0 Should the contractor select Option A in terms of clause D4.0 in the Contract Data for the purpose of adjustment of the preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T).		
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		Brought Forward	R
<u>PART A - PRINCIPAL BUILDING AGREEMENT</u>			
<u>INTERPRETATION</u>			
1	CLAUSE 1.0 DEFINITIONS AND INTERPRETATIONS Clause 1.1 The following definition is amended: The definition of practical completion is amplified by the addition of the following after the words "for the intended purpose" "and without derogating from the generality of the foregoing, the works and sections thereof shall not be considered to be complete or be capable of being effectively used for the intended purpose, and shall accordingly not be considered to have reached a state of practical completion, if any of the specific requirements as recorded in the Contract Data have not been met" Clause 1.2 is amended by the addition of the following clauses: 1.2.6 "No waiver or relaxation of any of the provisions or terms of this agreement (or any agreement or other document issued or executed pursuant to or in terms of this agreement) shall operate as an estoppel against a party in respect of any of its rights in terms of this agreement. No failure by a party to enforce any provision of this agreement shall constitute a waiver of such provisions or affect in any way such party's rights to require the performance of such provision at any time in the future, nor shall a waiver of a subsequent breach nullify the effectiveness of the provision itself" 1.2.7 "If the contractor constitutes a joint venture consortium or other unincorporated grouping of two or more persons: 1.2.8.1 these persons are deemed to be jointly and severally liable to the employer for the performance of this agreement; 1.2.8.2 these persons shall notify the employer of their leader who has authority to bind the contractor and each of these persons; and 1.2.8.3 the contractor shall not alter its composition or legal status without the prior written consent of the employer"	Item	
2	CLAUSE 2.0 LAWS, REGULATIONS AND NOTICES Clause 2.0 is amended by the addition of the following clauses:	Item	
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2.5 Health and Safety Specification - the contractor shall comply with the requirements of the Occupational Health & Safety Act (85/1993) as amended by Occupational Health & Safety Amendment Act (181/1993) and the July 2014 Construction Regulations (refer Clause 8 Section One hereof). The employer will appoint an independent safety officer who will, in consultation with the contractor, draw up and agree the construction phase health and safety plan / specification. This health and safety specification will form an integral part of the principal contract document (making up Annexure "M") and will be copied to all subcontractors for inclusion, as modified, within their respective scope of works 2.6 The contractor acknowledges that the undertaking given in this clause constitutes an agreement in terms of Section 37/20 of the Occupational Health & Safety Act and its regulations, whereby all responsibility for health and safety matters relating to the services performed under this agreement shall be the obligation of the service provider. The contractor shall comply with all the laws and regulations which may be relevant to the services performed under this agreement, it being recorded that the presence of the contractor's employees, representatives, authorised subcontractors, machinery, plant equipment and vehicles at the employer's premises shall always be subject to the provisions of the OHS Act and of all other relevant legislation, codes of practice, directives, health and safety rules and security measures and will adhere to and obey all directives and instructions given by the employer in this regard. 2.7 Environmental Impact Assessment Regulations - the contractor shall comply with Regulations 1182 and 1183, 1997. 2.8 Noise Control Regulations - the contractor shall comply with Regulations 1999 2.9 The employer reserves the right to pay direct (i.e. not through the contractor) for all or any permanent connections to local or other authority services, for which provisional amounts have been included within the selected subcontract bill / section hereof. In the event of the employer paying direct for these charges, the contractor will not be entitled to a ten percent (10%) mark-up in terms of Clause A26.4. All such provisional amounts included in the contract sum will be omitted. 2.10 The employer and their agents, will not engage directly or indirectly with any Business Forums, local labour groups or any other similar entities (hereafter collectively referred to as Business Forums). Any discussions and / or negotiations with such Business Forums shall be conducted between the contractor and the Business Forum at their own discretion. The contractor is to ensure that the site and the access to the site remains a safe working environment for themselves,		
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	their subcontractors, the employer and their agents. The contractor shall appoint a Community Liaison Officer (CLO) to assist with any and all negotiations with the Business Forums as is appropriate. The contractor is to submit a copy of the appointment letter for the CLO to the Principal Agent prior to the commencement of any discussions and / or negotiations with the Business Form. Tenderers are advised that notwithstanding any provisions to the contrary contained in the contract, pending the circumstances an extension of time without cost may be granted at the Principal Agent's discretion in the event that a Business Forum prevents, for any reason, normal construction activities from being carried out on site. No claims will be entertained due to variances in the expected production and / or quality achieved by any subcontractor appointed following engagement with a Business Forum. The contractor will remain responsible for providing adequate supervision of all labour, and will remain responsible for the production and quality of work produced. All costs associated with this clause are to be priced accordingly and included in their preliminaries.		
3	CLAUSE 3.0 OFFER AND ACCEPTANCE		Item
4	CLAUSE 4.0 CESSION AND ASSIGNMENT		Item
5	CLAUSE 5.0 DOCUMENTS		Item
	Clause 5.0 is amended as follows : i) Clause 5.6 is amended by the addition of the following at the end thereof: "Outside of this, the contractor shall be deemed to have made appropriate allowances for plotting and printing of construction information for itself and for issuing to subcontractors" ii) The addition of Clause 5.7 "All contract drawings for this project will be issued electronically and the contractor shall be deemed to have received such contract drawings on the date that such contract drawings have been dispatched electronically"		
6	CLAUSE 6.0 EMPLOYER'S AGENTS		Item
		Carried Forward	R
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		Brought Forward	R
	Clause 6.5 is amended by deleting the last sentence thereof. The contractor shall have no opportunity to reasonably object on the employers appointment of another principal agent.		
7	CLAUSE 7.0 DESIGN RESPONSIBILITY Clause 7.0 is amended as follows : i) Clause 7.1 is amended by the addition of the following : Notwithstanding the provisions of Clause 7.1 hereof, where the contractor undertakes the design responsibility of any aspect of the works, he shall, in accordance with Annexure "H" hereof, indemnify and hold free the employer and his agents from responsibility for any claim or proceeding whatsoever due to fault in the design, detailing, calculations, etc., to the extent undertaken by the contractor. In such instance and with regard to those aspects of work as listed on Annexure "H", the provisions of Clause 7.0 shall not apply. In respect of design responsibility undertaken by any nominated or selected subcontractor, such subcontractor shall similarly, in accordance with Annexure "I" hereof, indemnify and hold free the employer, his agents and the contractor from responsibility for any claim or proceeding whatsoever due to fault in the design, detailing, calculations, etc., to the extent undertaken by the subcontractor. ii) The addition of Clause 7.4 "If the contractor fails to obtain the necessary design warranties and/or indemnities from the subcontractors, the design responsibility shall be deemed to devolve upon the contractor" <u>INSURANCE AND SECURITY</u>	Item	
8	CLAUSE 8.0 WORKS RISK		Item
9	CLAUSE 9.0 INDEMNITIES Clause 9.2.7 is amended as follows: Following the words principal agent, the following is to be added: The Contractor shall act with due care or diligence in accordance with the contractual obligations and shall under no circumstances be relieved or indemnified in any manner whatsoever should the contractor have acted negligently or without the required skill, due care and diligence.	Item	
		Carried Forward	R
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	Brought Forward	R
10	CLAUSE 10.0 INSURANCES Clause 10.0 is amended by the addition of the following: 10.12 The contractor shall effect, as a minimum, the following insurances: a) Insurance to comply with the provisions of the Compensation for Occupational Injuries and Diseases Act 1993. b) Employers Liability Insurance for no less than R10 million c) All risks cover on all construction plant and allied equipment including site huts and temporary accommodation including plant and machinery hired, leased or loaned. The Employers interests are to be noted. Furthermore the contractor shall effect and maintain for the duration of the contract Motor Vehicle Liability Insurance company: d) Insurance in accordance with the Multilateral Motor Vehicle Accident fund No 93 of 1989 as amended. e) Balance of Third Party Motor Risks including passenger Liability 10.13 Where called upon to do so, the party/ies responsible for effecting the various insurances, shall complete the relevant sections of Annexure "K" - "Declaration Of Insurance" attached	Item
11	CLAUSE 11.0 SECURITIES <u>EXECUTION</u>	Item
12	CLAUSE 12.0 OBLIGATION OF THE PARTIES Clause 12.0 is amended as follows: i) Clause 12.2.1 shall be amended by the addition of the following: In addition, the contractor shall acquaint himself with any limitations or restrictions on working space, any restrictions imposed by existing buildings adjoining the site, any restrictions imposed by any authorities and any limitations on the availability of water, power and sewerage facilities. Access to the works shall be strictly confined to that permitted by the principal agent. The contractor shall be solely responsible for maintaining such access and reinstating same upon completion. No claim whatsoever shall be entertained due to the access not being trafficable due to weather conditions and the like. No claims for extras arising from the contractor having failed to comply with this clause will be entertained.	Item
	Carried Forward	R
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ii)	Clause 12.2.2 shall be amended by replacing the phrase "...fifteen (15) working days..." in the first sentence with the phrase "...seven (7) working days...".	
iii)	Clause 12.2.6 is deleted in its entirety and replaced with the following:- Immediately on award of the contract and prior to commencement on site, the contractor, in conjunction with the principal agent, shall agree the working programme covering the first month of the construction period. During the course of the first month of the construction period, the contractor shall prepare and draw up for the principal agent's approval, a working programme for the balance of the works in accordance with the dates given herein, for possession, sectional completion and practical completion and shall be in sufficient details to enable the principal agent to monitor the progress of the works. The principal agent shall have the right to modify such programme to accommodate changes necessary, in his opinion, for co-ordinating the project as a whole. Any cost implications relating to such modification, shall be dealt with in accordance with the provisions of the agreement. The contractor shall be responsible at all times for maintaining the accuracy, validity and reasonableness of the programme, and the implementation thereof. The programme shall be compiled based on the critical path method of programming and the critical activities are to be clearly highlighted. Documentation will not be available in complete detail at the commencement stage. However the contractor, in consultation with the principal agent, shall plan the works on provisional information, to an agreed level of detail relating to the level of detailed information available and with sufficient scope to include future detail, without disrupting the basic logic as initially agreed. The quantities contained in this document are provisional and shall be utilized as a guide only for the drawing up of the programme. Where assumptions are made in regard to programming aspects, such assumptions shall be agreed by the contractor and the principal agent, and suitably recorded in the programme. Should circumstances change to the extent where the contractor is of the opinion that changes to the programme are required, then the contractor shall submit a written request to the principal agent for such changes, clearly identifying the reasons for requiring such change. The contractor and principal agent shall thereafter agree such	
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Brought Forward changes, if any. Should the principal agent be of the opinion that the programme requires revisions, and notwithstanding the fact that a request for such revision has not been received from the contractor, the principal agent shall be entitled to instruct the contractor to revise the programme accordingly, unless the contractor can submit reasonable justification for not doing so. Any acceleration and/or special measures sanctioned by the principal agent together with associated effects shall be incorporated in a revision to the programme. The contractor and the principal agent shall, at regular intervals not exceeding two weeks, agree the state of progress of the works relative to the latest agreed revision of the programme. Such agreement shall include the recording of actual commencement and completion dates for each activity and shall constitute the official record of the progress at such point in time. In addition to and based on the programme systems and format dictated above, the contractor shall devise detailed working programmes. These shall be drawn on a regular basis (at least monthly), to the satisfaction of the principal agent. Such working programmes shall at all times relate to the constraints of the current programme. iv) Clause 12.2.10 is deleted in its entirety. v) Clause 12.2.13 is amended by the addition of the following: The names and CV's of the contractor's proposed management team(Including but not limited to Contracts manager, site agent, foreman,MEPDF Cordinator etc shall be submitted to the principal agent prior to commencement on site and, after the principal agent's agreement on the composition and competence thereof has been obtained, no changes shall be made nor shall any member of the said team be removed from the project while remaining in the employ of the contractor, without the principal agent's prior written approval.	R	
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		Brought Forward	R
	vi)	Clause 12.2.18 is amended by the addition of the following: The contractor shall erect, maintain, alter as necessary and remove at completion: 1.0 Offices accommodation for meetings held on site as per the following requirements: • Office to be air conditioned • Scanner 2.0 The following equipment / information is to be provided and maintained for use of the professional team: • A3 lever arch file with the latest full set of Architectural, civil, structural, electrical, mechanical and fire drawings. 3.0 One main notice boards of an approved design as instructed by the principal agent. 4.0 The contractor shall have on site available additional hard hats, reflective vests (PPE equipment) as necessary in the event the Clients visitors should visit site.	
	vii)	The addition of the following clauses 12.2.22 "The contractor shall designate a competent person to administer, control and regularly update subcontractor's delivery schedules, long lead items, shop drawing schedules, material / technical submittals, samples submittals and document submittals. This person shall be based full time on site for the construction period" 12.2.23 "The contractor shall have a suitably qualified and experienced mechanical, electrical, plumbing and fire services (MEPDF) coordinator as part of the contractor's site management team. This coordinator shall be available once major mechanical, electrical, plumbing and fire services (MEPDF) subcontractors have been appointed and must be based full time on site from commencement of first fix installation inside the buildings up to and including the date of practical completion"	
13	CLAUSE 13.0	SETTING OUT	Item
		Carried Forward	R
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		Brought Forward	R
	Clause 13.2 is amended by the addition of the following clauses: 13.2.5 "The contractor shall notify the principal agent if any encroachment of adjoining foundation, buildings, structures, pavements, boundaries, services, etc exist in order that the necessary arrangements may be made for the rectification of any such encroachments" 13.2.6 "The contractor shall continuously perform tolerance control checks throughout the construction period and report on these at regular intervals to the principal agent in a format approved by the principal agent" 13.2.7 "Should the contractor fail to comply with this requirement to the satisfaction of the principal agent, progressively as the works is constructed, the employer shall be entitled to commission other parties to do so on the contractor's behalf and at the contractor's expense. The contractor shall provide general attendance and all reasonable assistance to such parties"		
14	CLAUSE 14.0	NOMINATED SUBCONTRACTORS	Item
15	CLAUSE 15.0	SELECTED SUBCONTRACTORS	Item
16	CLAUSE 16.0	DIRECT CONTRACTORS	Item
	Clause 16.0 is amended as follows : (i) Clause 16.1.1 is amended by adding the words "...employer's employees or tenants..." after the word "...direct contractor..." in the first sentence, and by the addition of the following wording: In addition, the employer shall have the right to send his own employees or direct contractors on to the works for the purpose of installing tenant installations and requirements and any other special installations and systems. The contractor is to allow against the relevant items as described in this Clause, for any costs, as no additional claims will be entertained due to the presence on the works of such direct contractors, employers, employees or tenants.		
		Carried Forward	R
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Brought Forward (ii) Clause 16.1.2 is amended by the addition of the following wording : The contractor shall not be entitled to any percentage profit or discount on the value of any work executed by direct contractors but shall nevertheless allow these direct contractors and the employer's employees to have access to the works, allocate reasonable space in the building for the storage of their materials, tools and equipment, and co-ordinate via the principal agent, the work of such direct contractors as necessary, all to the satisfaction of the principal agent. The contractor shall allow the direct contractors, etc., to use free of charge, the latrine accommodation and water and power supply on the site, and shall not in any way hinder or prevent the execution of their work.	R	
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	Brought Forward	R
(iii) The addition of the following Clause 16.1.4: The contractor is advised that the following works may be carried out by the employer and / or his direct contractors and/or the employer's employees whether contained in this agreement or not, and/or tenants and the value of such work is not included in the principal building agreement: • Furniture • Curtaining • PABX system • Radio and television installation, slot bases, etc. • Kitchen and catering equipment • Computer installations, data cabling, etc • Artwork, paint murals, etc • Burglar alarm, security and access control installations • Public address installation • Signage, graphics and the like in public areas • Standby generators • Refrigeration equipment and refrigeration piping • Specialist lighting other than that provided by the electrical subcontractor • Closed circuit television installation • Energy management systems • Installations carried out by the employer in the normal course of his business • Landscaping and irrigation • LPG gas • MATV system • UPS • Point of sale equipment and installation • PV installation The contractor should allow for early occupation for the installation of these facilities, specifically computer rooms(s), to enable the direct contractors to finish their first and second fix items on or before practical / sectional completion of the works. A detailed schedule indicating the anticipated early occupation dates for the various items shall be agreed between the contractor and the principal agent.		
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		Brought Forward	R
	iv) The addition of the following Clauses:		
	16.1.5 "Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials"		
	16.1.6 "Allow the use of personnel welfare facilities, where provided"		
	16.1.7 "Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation"		
	16.1.8 "Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right while it remains erected on the site "		
17	CLAUSE 17.0 CONTRACT INSTRUCTIONS Clause 17.0 is amended by the addition of the following clauses: 17.1.21 Acceleration 17.6 Contract Instructions issued by the principal agent or delegated agent. The contractor is required to scan and email all contract Instructions to the Principal agent, Architect and Quantity surveyor, and/or all services consultants where applicable within 24 hours of receipt of said instruction, if this procedure is not strictly adhered to, payment of such instruction will not be certified accordingly. The contractor shall record all instructions and report same in weekly Contract Instruction tracking schedules issued to the principal agent. The principal agent shall determine the Contract Instruction format and only contract instructions issued on the agreed format shall be recognised.	Item	
	<u>COMPLETION</u>		
18	CLAUSE 18.0 INTERIM COMPLETION	Item	
19	CLAUSE 19.0 PRACTICAL COMPLETION	Item	
		Carried Forward	R
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		Brought Forward	R
	Clause 19.3 is amended by the addition of the following Clause: 19.3.5 "Notwithstanding the provisions of Clauses 19.3.1 and 19.3.2 any defects occurring after the issue of the list for practical completion requiring remedial work that will in the opinion of the principal agent cause disruption, will cause the issue of the certificate of practical completion to be withheld until such defects have been rectified to the satisfaction of the principal agent" Clause 19.6 is deleted and replaced by the following Clause: 19.6 "If the contractor does not achieve practical completion by the applicable date for practical completion, then the employer may with the prior written agreement of the contractor (which shall not be unreasonably delayed or withheld), be entitled to take possession, in its entirety or parts thereof of the works and the site. The employer shall occupy and operate the building as if practical completion has been achieved, (but practical completion shall not be deemed to have taken place and the applicable certificate of practical completion shall not be issued) Such possession, occupation and operation by the employer shall not in any way whatsoever diminish or reduce the contractor's responsibility in terms of this agreement which in this event shall continue to be applied as if practical completion had not been achieved save that the penalty as contained in the contract data shall be reduced. The reduction in penalty will be calculated based on the revenue generating area being taken prior to the achievement of practical completion expressed as a percentage of the total revenue producing area.(Definition of revenue producing area is to be in strict compliance with SAPOA).The contractor shall complete the works in a manner which will least interfere with the employer's occupation and operation of the building, including working after hours, if necessary"		
20	CLAUSE 20.0 COMPLETION IN SECTIONS		Item
21	CLAUSE 21.0 DEFECTS LIABILITY AND FINAL COMPLETION		Item
		Carried Forward	R
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		Brought Forward	R
	Clause 21.0 is amended by the addition of the following clauses: 21.6.3 The contractor shall complete the items on the list for completion and list for final completion by the expiry of the defects liability period, ninety (90) calendar days from the date of practical completion achievement. Should the contractor not complete the list for completion or list for final completion within the time frame 90 days from Practical Completion), a penalty of ten thousand rand (R5 000 ex Vat)per calender day shall be applied until achievement of final completion and issuance of the final completion certificate. The contractor shall be responsible to complete all items on the list for completion and list for final completion, failing which, the penalty shall be applied in full and shall remain in full force and effect until achievement and issuance of the final completion certificate. 21.13 The certificate of final completion will not be issued until the as built drawings, guarantees and maintenance instructions/manuals in terms of Clause C5.1 hereof has been lodged and approved to the satisfaction of the principal agent and client.		
22	CLAUSE 22.0	LATENT DEFECTS LIABILITY PERIOD	Item
23	CLAUSE 23.0	REVISION OF THE DATE FOR PRACTICAL COMPLETION	Item
	Clause 23.0 is amended as follows : i) Clause 23.2.12 is deleted in its entirety. ii) Clause 23.1.1 shall be amended by the addition of the following: Revision to the date of practical completion in respect of adverse weather conditions will only be considered by the principal agent, to the extent that the actual recorded adverse weather on site affected work on a critical activity during the course of the contract.		
		Carried Forward	R
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	Brought Forward	R
ii)	Clause 23.4.2 Twenty (20) working days shall be replaced with ten (10) working days.	
iii)	Clause 23.5 Forty (40) working days shall be replaced with Twenty (20) working days.	
iv)	The addition of the following clauses 23.9 "Revision to the date for practical completion shall only be considered when work on the critical path of the approved programme for the works is delayed" 23.10 "Notwithstanding anything to the contrary, the contractor shall not be entitled to a revision to the date for practical completion for delays arising from Municipal or other interruptions in energy supply to the site" 23.11 "Irrespective of whether or not the principal agent rules that the contractor is entitled to a revision of the date for practical completion, the principal agent shall nevertheless at any time, be entitled to issue a contract instruction to accelerate the progress of the remaining work, to ensure that the works are completed by the date for practical completion Upon receipt of such instruction, the contractor shall take necessary steps to ensure that the works are completed timeously, including the provision by him of additional resources, plant, manpower, etc and the working of overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means and methods. The contractor shall prove that such steps are being taken if called upon to do so The contractor's entitlement to compensation arising out of or in respect of any revision to the date for practical completion that may have been granted by the principal agent, or alternatively, where the principal agent has instructed the contractor to accelerate shall be adjudicated strictly in terms of Clause 26.9.4 hereof. 23.12 For the avoidance of doubt, any extension to a Contractual Completion Date shall be reduced to the extent of any	
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		concurrent delay for which the Contractor is responsible. The burden of proof rests upon the Contractor in order to prove his delay when an event would have occurred on the critical path showing effect to time and completion 23.13 The Contractor is to clearly show and indicate in a line item or several in the programme, the Terminal Float allowance for the project. The Terminal Float belongs to the project and not either party being the Employer and/or the Contractor. The Contractor will provide a detailed Returnable schedule stipulating the Terminal Float duration provisions and what events are foreseen to be covered under the Terminal Float including Contractor's Risk, any Project Risk that a reasonable and experienced Contractor can foresee on the project. The Principal Agent and the Contractor will agree on the conditions set out that will reduce the Terminal Float. The Terminal Float will be managed by the Contractor and Principal Agent at agreed intervals on the reporting period stipulated where, any delays to the project that has been incurred during the reporting period will be assessed based on the stipulated conditions of float adjustment as set out in the terms agreed by the principal agent and contractor. This will then be agreed between the Principal Agent and the Contractor that the Terminal Float will be reduced (provided such justification complies) in order to meet the Contractual Completion Date.	
24	CLAUSE 24.0 PENALTY FOR LATE OR NON-COMPLETION <u>PAYMENT</u>		Item
25	CLAUSE 25.0 PAYMENT Clause 25.0 is amended as follows : i) Clause 25.3.2 shall be amended by adding the following: Application by the contractor for the inclusion of materials and goods in an interim payment certificate shall be set out in accordance with Annexures "E" and "F" hereof, separating materials and goods into the work groups as defined in the CPAP (if applicable). ii) Clause 25.10 shall be amended replacing the phrase "...fourteen (14) calendar days..." in the first sentence with the phrase "...twenty one (21) calendar days..."		Item
		Carried Forward	R
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	iii) Clause 25.10 shall further be amended by the addition of the following at the end of this clause: "subject to the contractor giving the employer a tax invoice for the amount due" iv) Clause 25.13 shall be deleted and replaced with the following clause: Clause 25.13 "The contractor shall pay all subcontractors within seven (7) calendar days of the due date for payment by the employer [CD] and provide proof thereof to the principal agent within five (5) working days of the subcontractor payment due date." v) The addition of the following clause: 29.19 "Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance"		
26	CLAUSE 26.0 ADJUSTMENT TO THE CONTRACT VALUE AND FINAL ACCOUNT Clause 26.0 is amended as follows: i) The addition of Clause 26.2.5 The contractor shall notify the principal agent within (5) working days of any contract instruction for which, in his opinion, reasonable compensation can not be made in terms of Clause 26.2.1 to 26.2.4. Failure to issue notice will mean that the contract value will be adjusted on terms of Clause 26.2.1 to 26.2.4. ii) Clause 26.4.1 is amended by addition of the following at the end of this clause: "The employer reserves the right to pay direct (i.e. not through the contractor) for all or any permanent connections to local or other authority services, for which provisional amounts have been included within the contract documents. In the event of the employer paying direct for these charges, the contractor will not be entitled to a ten percent (10%) mark-up [26.4.1]. All such provisional amounts included in the contract sum will, as a result, be omitted"	Item	
		Carried Forward	R
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Brought Forward	R	
iii) Clause 26.6 shall be amended by replacing the phrase "...forty (40) working days..." in the first sentence with the phrase "...twenty (20) working days...". iv) Clause 26.9.5 is amended by the addition of the following : In accordance with Clause 3.4.4 of the CPAP, the value of equipment in specialist work (e.g. cooling towers, data controlled supervising equipment, etc.) and imported materials / labour requiring adjustment outside of the CPAP, are to be listed in the tender enquiry document or to be separately listed by the tenderer at the time of tender. For the purposes of such listing, attached Annexure "J" has been provided. The value of such equipment in specialist work shall be stated, together with the required basis of adjustment (e.g. SEIFSA, proven costs, etc.,) and the relevant base indices where applicable. In respect of imported materials / labour, the following shall be stated : • description of materials, plant, equipment, labour, etc. • country of origin • foreign currency amount and the applicable rate of exchange ruling • as at the date of submission of the tender • the cost, insurance and freight value of the imported materials, • etc., expressed in Rands At the date of acceptance of the tender, the contractor shall further provide a copy of the importation documentation / quotes, substantiating the imported values, currency, etc. as above. The contractor's price adjustment requirements as set out above shall be recorded in Annexure "J" hereto, failing which, it shall be deemed that all such equipment in specialist work and imported materials / labour shall be subject to adjustment in terms of the CPAP, if applicable.		
Carried Forward Section No. 1 Bill No. 1 P&Gs - Part A	R	

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Brought Forward		R
	v) The addition of the following clause: 26.14 Tenant installations'/users' requirements delayed There is a possibility that certain works related to tenant installations'/users' requirements may have to be delayed and may consequently not be executed prior to practical completion The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries pertinent to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works	
27	CLAUSE 27.0 RECOVERY OF EXPENSE AND/OR LOSS <u>SUSPENSION AND TERMINATION</u>	Item
28	CLAUSE 28.0 SUSPENSION BY THE CONTRACTOR	Item
29	CLAUSE 29.0 TERMINATION Clause 29.0 is amended by addition of the following clause : 29.1.4 Provide proof of payment to subcontractors in terms of clause 25.13 <u>DISPUTE RESOLUTION</u>	Item
30	CLAUSE 30.0 DISPUTE RESOLUTION	Item
Carried Forward to Summary of Section No.		R
Section No. 1 Bill No. 1 P&Gs - Part A		

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Item No		Quantity	Amount R
	<u>PART B - GENERAL PRELIMINARIES (JBCC EDITION 6.2 MAY 2018)</u>		
	<u>1.0 DEFINITIONS AND INTERPRETATION</u>		
1	CLAUSE 1.1 DEFINITIONS	Item	
2	CLAUSE 1.2 INTERPRETATION	Item	
	<u>2.0 DOCUMENTS</u>		
3	CLAUSE 2.1 CHECKING OF DOCUMENTS	Item	
	These provisional bills of quantities contain pages as scheduled in the Index. No alteration, erasure, amendment, note, deletion, insertion, omission or addition is to be made to this document. Any such alteration, etc., made will not be recognised, but the reading of these bills of quantities, as prepared by the quantity surveyor, will be adhered to. The tenderer shall check the numbers of the pages of the tender documents and should any be missing or duplicated, or the reproduction is indistinct, or if any doubt exists as to the intent or meaning of any description, or where the contract documents contain any obvious errors, the tenderer shall notify the principal agent forthwith thereof and the principal agent shall promptly give a written directive. No claim whatsoever shall be entertained in respect of errors in pricing due to brevity of descriptions of items in the bills which are fully described when read in conjunction with the relevant "Standard Preambles." The rates contained in the priced bills of quantities shall apply irrespective of the final quantities of the different classes and kinds of work actually executed. No claims for extras, loss of profit, variation of rates or other similar claims will be entertained as a result of any variations whatsoever between the contract sum and the final value of the works. Budgetary Allowances and Provisional Sums contained herein may be omitted or reduced at the principal agent's discretion and the contractor shall not be entitled to claim for any loss by way of reduction or omission of any discounts, or percentage relating to Budgetary Allowances or Provisional Sums or any loss of profit related thereto		
4	CLAUSE 2.2 PROVISIONAL BILLS OF QUANTITIES	Item	
	Carried Forward	R	
	Section No. 1 Bill No. 2 P&Gs - Part B		

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		Brought Forward	R
	The additional of the clause 5.3.1		
	5.1.1 The contractor is responsible for the management of the schedule of information required for the successful completion of the project.		
17	CLAUSE 5.2 PROGRESS MEETINGS	Item	
18	CLAUSE 5.3 TECHNICAL MEETINGS	Item	
	Clause 5.3 is amended as follows:		
	The additional of the clause 5.3.1		
	5.3.1 The contractor shall ensure that a updated photo diary is kept and maintained at all times.		
	<u>6.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</u>		
19	CLAUSE 6.1 SAMPLES OF MATERIALS	Item	
20	CLAUSE 6.2 WORKMANSHIP SAMPLES	Item	
21	CLAUSE 6.3 SHOP DRAWINGS	Item	
	Clause 6.3 is amended as follows:		
	The additional of the clause 6.3.3		
	6.3.3 The contractor shall ensure that all shop drawings required for the works in terms of this Contract, all subcontracts and/or any principal agent's instruction, are prepared and submitted timeously in accordance with the following procedure:		
	- Three prints of shop drawings of all fabricated work, working or setting out drawings, shop details and schedules shall be submitted to the principal agent or delegated agent for approval. Such work shall not be carried out until such approval has been given. - Shop drawings shall be submitted to the principal agent for approval and the contractor is to allow the principal agent a reasonable check period (minimum two weeks) from the date of receipt of shop drawings, before returning the drawings to the contractor in accordance with the works programme.		
		Carried Forward	R
	Section No. 1 Bill No. 2 P&Gs - Part B		

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	Brought Forward • All submissions shall be prepared in accordance with the contract drawings and specifications and/or any principal agent's instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implications. Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or principal agent's instructions, shall not constitute ground for any claims for delay, extension of time and the like. • When the principal agent advises that shop drawings have been approved, such drawings shall immediately be submitted to the principal agent so that the principal agent's stamp of approval may be appended thereto. Thereafter, four prints of the approved shop drawings, setting out drawings and schedules shall be furnished to the principal agent. As many prints of the approved shop drawings and schedules as required, shall also be furnished to the works. No work shall be performed in accordance with drawings and/or catalogues not stamped with the principal agent's approval. • The contractor, sub-contractor or supplier, as the case may be, shall be responsible for ensuring that all dimensions affecting shop drawings conform to the dimensions of built work. • The principal agent's approval of shop drawings is limited to checking conformity with specification and shall not relieve the contractor, subcontractor or supplier of his responsibility for design, erection or installation fit, nor does it vary his contractual or delictual obligations and liabilities. • Should the contractor, subcontractor or supplier be of the opinion that corrections to shop drawings made by the principal agent constitute a change to the scope of work, then he shall immediately advise the principal agent in writing of this, together with the cost and/or programme implications thereof, in order to obtain the principal agent's directive. Carried Forward	R	
Section No. 1 Bill No. 2 P&Gs - Part B		R	

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		Brought Forward	R
	The addition of clause 6.3.4		
	6.3.4 "The contractor shall present a complete schedule showing the sequence of submission of shop drawings, including submission dates for all trades and the scheduled dates for approval of all drawings. This schedule shall take into account a two week check period from the date of the receipt of all shop drawings and/or catalogue data All submissions shall be on dates as indicated in the above schedule and sufficiently in advance to permit the contractor and subcontractors to meet fabrication deadlines. No claim for extensions to the construction period will be granted to the contractor by reason of his failure in this respect"		
22	CLAUSE 6.4 COMPLIANCE WITH MANUFACTURERS' INSTRUCTION	Item	
	<u>7.0 DEPOSITS AND FEES</u>		
23	CLAUSE 7.1 DEPOSIT AND FEES	Item	
	<u>8.0 TEMPORARY SERVICES</u>		
24	CLAUSE 8.1 WATER	Item	
25	CLAUSE 8.2 ELECTRICITY	Item	
26	CLAUSE 8.3 ABLUTIONS AND WELFARE FACILITIES	Item	
27	CLAUSE 8.4 COMMUNICATION FACILITIES	Item	
	Clause 8 is amended by the addition of the following clause:		
	8.5 "The contractor shall agree the location of all temporary services with the principal agent before installation and on completion remove the same and make good [8.1, 8.2, 8.3, 8.4]"		
	<u>9.0 PRIME COST AMOUNTS</u>		
28	CLAUSE 9.1 RESPONSIBILITY FOR PRIME COST AMOUNTS	Item	
	<u>10.0 ATTENDANCE ON SUBCONTRACTORS</u>		
29	CLAUSE 10.1 GENERAL ATTENDANCE	Item	
		Carried Forward	R
	Section No. 1		
	Bill No. 2		
	P&Gs - Part B		

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	Brought Forward	R	
	Clause 10.1 shall be amended by the addition of the following: The contractor shall allow all nominated and selected subcontractors reasonable usage of hoisting facilities whilst they remain erected. The provision and erection of scaffolding by the contractor as required for the execution of works, shall be done in the best interests of the project, whereby nominated and selected subcontractors shall be afforded the opportunity to use the erected scaffolding by prior agreement with the contractor.		
30	CLAUSE 10.2 SPECIAL ATTENDANCE <u>11.0 GENERAL</u>	Item	
31	CLAUSE 11.1 PROTECTION OF THE WORKS	Item	
32	CLAUSE 11.2 PROTECTION / ISOLATION OF EXISTING WORKS AND WORK OCCUPIED IN SECTIONS	Item	
33	CLAUSE 11.3 SECURITY OF THE WORKS	Item	
34	CLAUSE 11.4 NOTICE BEFORE COVERING WORK	Item	
35	CLAUSE 11.5 DISTURBANCE Clause 11.5 is amplified by the addition of the following at the end of this clause. All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever" Clause 11.6 is amended by the addition of the following at the end of this clause. "The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits or mud, etc The contractor is to ensure that all roads which border the site and used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works"	Item	
	Carried Forward	R	
	Section No. 1 Bill No. 2 P&Gs - Part B		

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		Brought Forward	R
36	CLAUSE 11.6 ENVIRONMENTAL DISTURBANCE		Item
37	CLAUSE 11.7 WORKS CLEANING AND CLEARING		Item
38	CLAUSE 11.8 VERMIN		Item
39	CLAUSE 11.9 OVERHAND WORK		Item
40	CLAUSE 11.10 TENANT INSTALLATIONS		Item
41	CLAUSE 11.11 ADVERTISING		Item
Carried Forward to Summary of Section No.			R
Section No. 1 Bill No. 2 P&Gs - Part B			

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Item No		Quantity	Amount R
	<u>PART C - ADDITIONAL PRELIMINARIES</u>		
	The following clauses are additional to, or augment the clauses contained in Part A and B.		
	<u>1.0 THE SITE</u>		
1	CLAUSE 1.1 UNAUTHORISED PERSONS ON SITE The contractor shall at all times strictly exclude all unauthorized persons from the works. No workmen are to be allowed under any circumstances to sleep or deposit any personal effects on the premises. The contractor must provide any necessary independent shelters or sheds required for any workmen or watchmen left on the site. Furthermore, the contractor shall take all measures necessary to ensure that no unauthorised workmen are allowed into the building at any time without the specific permission of the principal agent.	Item	
2	CLAUSE 1.2 ACCESS TO SITE Access to the site shall be restricted to enter and exit through one point only or as directed by the principal agent.	Item	
3	CLAUSE 1.3 MAINTENANCE OF ROADS AND SERVICES The contractor shall keep the approaches to the site clear of mud, other debris and the like caused by the contractor or any subcontractors.	Item	
4	CLAUSE 1.4 USE OF BORROW PITS AND DUMP SITES All borrow pits and dump site areas proposed to be used by the contractor shall be subject to prior approval by the principal agent. The contractor shall also be restricted in respect of the manner in which the borrow pits and dump sites will be used and shall be liable to work within the constraints reasonably set by the principal agent. All green star principal are to be strictly adhered to.	Item	
5	CLAUSE 1.5 SURVEY BEACONS	Item	
	Carried Forward	R	
	Section No. 1 Bill No. 3 P&Gs - Part C		

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	Brought Forward	R	
	The contractor's attention is drawn to the provisions of Sections 35 and 36 of the Land Survey Act (Act 9 of 1927) in terms of which he will be responsible for the safety of any survey beacons and bench marks and of any plot boundary pegs encountered on the site as well as for all costs incurred in the replacement of moved or damaged survey beacons and bench marks or plot boundary pegs by a Registered Land Surveyor. <u>2.0 FINANCIAL ASPECTS</u>		
6	CLAUSE 2.1 FIXED PRICE TENDERS Tenderers shall, in respect of general builder's work (i.e. excluding budgetary allowances and provisional sums allowed for subcontract works), offer a fixed price option in lieu of adjustment in terms of the CPAP in which case, all variations in costs, inter alia costs of labour and materials, taxes (excluding VAT), currency fluctuations, exchange rates, transport charges, plant, overheads, preliminaries, etc., after submission of the offer, shall be to the contractor's account. Rates shall remain fixed, irrespective of any increase or decrease in the final value of the works and shall remain so for the duration of the contract and also for any extended contract period that may be granted by the principal agent.	Item	
7	CLAUSE 2.2 PRICING OF PRELIMINARIES These bills of quantities have been formulated in the conventional manner, whereby the preliminaries have been included as a separate section, in order to enable tenderers to price their site establishment costs, site management, etc. In pricing the preliminaries, tenderers are required to price the relevant items individually, as a single lump sum preliminaries amount will not be accepted. In the event that a tenderer elects not to price the preliminaries section as contained within these bills of quantities, then it will be deemed that all relevant preliminaries costs have been included within the rates as tendered within the measured bills of quantities. Adjustment of the preliminaries will, in this instance, only be by way of remeasured final quantities applied to tendered rates. Tenderers acknowledge that by pricing the preliminaries in this way, they will forfeit any claim for the independent adjustment of preliminaries costs arising out of an extension of the construction period granted in terms of Clause A23.0.	Item	
8	CLAUSE 2.3 PRICING OF BILLS	Item	
	Carried Forward	R	
Section No. 1 Bill No. 3 P&Gs - Part C			

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		Brought Forward	R
	Tenderers are to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the Standard System of Measurement) patterns, models and templates, plant, temporary works, returning of packing, duties, taxes, imposts, establishment charges, overheads, profit and all other obligations arising out of the agreement. Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the tenderer's omission to price any item will be entertained. Prices for all plant, temporary works, services and other items provided shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary. The contractor shall execute work during "overtime" hours as necessary in order to complete the project within the agreed construction period and shall provide such resources and work such overtime hours as necessary. Costs for the execution of this work under these conditions shall be included within the contract sum.		
9	CLAUSE 2.4 NATURE OF PROJECT IN RELATION TO PRICING Tenderers are advised that the nature of this contract is such that the detail design will evolve in parallel with construction. The Tenderer acknowledges that he is aware that the project detail design and related planning and production of drawings are in an embryonic stage and that the appointments of major selected/nominated subcontractors have yet to take place and that notwithstanding this, the rates and prices contained herein, shall remain of full force and effect.	Item	
10	CLAUSE 2.5 COSTS OF CLAIMS All costs incurred by the contractor in the preparation of claims to the satisfaction of the principal agent and/or quantity surveyor shall be borne by the contractor. In order to assist the principal agent in adjudicating a claim in terms of clause A26.6, the contractor shall provide a written opinion on all claims, including those submitted by selected/nominated subcontractors, pertaining to reduced time available for execution of the relevant work, out-of-sequence working, lack of access or claims of a similar nature. <u>3.0 INSURANCES</u>	Item	
11	CLAUSE 3.1 SATISFACTION OF CONTRACTOR AS TO SCOPE OF INSURANCES	Item	
		Carried Forward	R
	Section No. 1 Bill No. 3 P&Gs - Part C		

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	Brought Forward	R	
	All insurances to be effected by the Contractor. Where the contractor is responsible for the appointment of sub-contractors, then the contractor shall: i) ensure that potential and appointed subcontractors are aware of the whole content of Clause A10.0 ii) ensure the compliance of subcontractor with this Clause where applicable.		
12	CLAUSE 3.2 CLAIMS UNDER INSURANCE ARRANGED BY THE EMPLOYER All insurances to be effected by the Contractor. <u>4.0 HANDOVER, GUARANTEES AND MAINTENANCE INSTRUCTIONS / MANUALS</u>	Item	
13	CLAUSE 4.1 AS BUILT DRAWINGS Copies of the structural engineer's drawings showing the positions of construction breaks and the extent of individual concrete pours are to be maintained by the contractor for record purposes and are to be submitted to the structural engineers for their records, at the end of the project. The contractor shall be required to ensure that, at the end of the project, copies of the plumbing, drainage and fire services reticulation layouts, showing the position of main pipe runs, the positions of stopcocks and all other salient information, are submitted to the principal agent. All such as-built drawings are required to be lodged prior to the issue of the certificate of final completion (refer Clause A21.0 hereof).	Item	
14	CLAUSE 4.2 GUARANTEES AND MAINTENANCE INSTRUCTIONS / MANUALS	Item	
	Carried Forward	R	
Section No. 1 Bill No. 3 P&Gs - Part C			

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	Brought Forward	R
	The contractor shall obtain and hand over to the principal agent two weeks prior to practical completion, all relevant guarantees and operating and maintenance manuals, as required by the principal agent or provided by manufacturers, suppliers or subcontractors. The contractor shall ensure that all warranties and guarantees received are fully ceded to the employer on practical completion, failing which, the issue of the practical completion certificate and the release of construction guarantee, will be withheld until this is satisfactorily completed. The guarantees shall state that workmanship, materials and installations are guaranteed for a specified period reckoned from the date of practical completion of the works and that any defects in the workmanship, materials and installation that may arise during that period, shall be made good at the expense of the contractor / subcontractors doing the work, upon written notice from the principal agent or the employer to do so.	
15	CLAUSE 4.3 SECURITY AT COMPLETION At completion, the contractor shall leave the works secure with all accesses locked. The contractor shall account for and hand over to the principal agent all keys, properly labelled with an itemised schedule to be signed by the principal agent as receipt. <u>5.0 GENERAL IN RESPECT OF SPECIALIST INSTALLATIONS</u> Note : The contractor is to ensure that the following requirements, as stated in the subcontractor documentation in respect of specialist equipment and services installations by specialist subcontractors under his control, are adhered to:	Item
16	CLAUSE 5.1 TESTS AND INSPECTIONS PRIOR TO COMPLETION	Item
17	CLAUSE 5.2 PERFORMANCE OF INSTALLATION All specialist plant and equipment, subject to the principal agent's sole discretion, is subject to acceptance tests, which shall be arranged in the works of the subcontractor / supplier within 10 days of notification that such plant or equipment is available for testing . The subcontractor shall inform the principal agent in writing, indicating the exact dates for these acceptance tests during the course of the last month of manufacture of such plant or equipment. The appropriate consultant (Agent) via the principal agent, will be required to witness and accept, as well confirm same in writing to the client. In the event that the principal agent or his representatives cannot witness such tests, the employer may:	Item
	Carried Forward	R
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Brought Forward i) appoint a specialist inspection organisation to witness such tests at his expense on behalf of the principal agent or his representatives. OR ii) accept the subcontractor's certificate testifying as to the quality and performance of the specialist plant / equipment so supplied. Should no inspection have been made by the date indicated by the subcontractor as set out above, the equipment will be deemed as accepted and packed accordingly for delivery. The final acceptance will take place on site in the presence of the subcontractor responsible for the commissioning of the equipment. The principal agent's representative shall also be present. The subcontractor shall demonstrate to the principal agent the full scope of operation of the installation and shall ensure that he is satisfied that the principal agent is fully aware of all the operational aspects of the installation prior to handover at practical completion stage. The principal agent's shall be afforded access at all reasonable times to such part of the works on site or at the subcontractor's premises or the premises of the manufacturer of component parts, as may be necessary for the purpose of inspecting, examining and testing the materials, workmanship and performance of any plant or equipment for the works. The subcontractor shall be responsible for the tests required by any local statute, building regulation, etc. Any breakdown or mechanical failure and any damage or consequential losses which may arise from such breakdown, mechanical or structural failure, will be the responsibility of the subcontractor.	R	
Carried Forward Section No. 1 Bill No. 3 P&Gs - Part C	R	

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		Brought Forward	R
	The efficiency of the design is the responsibility of the subcontractor who shall ensure that the quality of workmanship and the installation of equipment meets the requirements of the specification and is done in such a manner that the equipment performance meets with the figures published by the manufacturers an/or suppliers. The subcontractor, by entering into this contract, shall be deemed to have offered his services, workmanship, materials and equipment to meet the requirements of the specification and shall further be deemed to have ensured that the suppliers and manufacturers of the equipment installed by him under this contract, have manufactured and supplied such equipment to perform within the recommended limits of the manufacturer's design and performance figures, as well as to comply with the specification supplied.		
18	CLAUSE 5.3 GUARANTEE The subcontractor shall guarantee the complete installation for a period of one year from the date of acceptance of the installation by the principal agent against defects as a result of patent or latent defects of the design and apparatus, as well as against faulty materials and workmanship. The guarantee must provide that all parts, spares, consumables and appurtenances that become defective during the guarantee period, be replaced free of charge of any nature to the employer. The costs of labour and transportation required to replace such part of a defective installation, shall be borne by the subcontractor and shall be included in his guarantee. The expiry of the one year guarantee period shall in no way relieve the subcontractor of any of his obligations and/or responsibilities in respect of latent defects in terms of Clause A22.0 hereof. The subcontractor shall cede to the employer the remainder of any equipment guarantee which he has received from his suppliers and which extends beyond the period of twelve months mentioned herein.	Item	
19	CLAUSE 5.4 COMMISSIONING AND TESTING The subcontractor shall commission and test the entire installation at his own expense, including provision of all test equipment. Such testing is to be done in the presence of the principal agent, who shall have been notified of the dates and approximate duration of the tests, sufficiently in advance so as to allow attendance at such tests	Item	
	6.0 GENERAL		
20	CLAUSE 6.1 MEDIA RELEASES, ADVERTISING, ETC.	Item	
		Carried Forward	R
	Section No. 1 Bill No. 3 P&Gs - Part C		

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		Brought Forward	R
	All rights of publication of articles in the media, together with any advertising relating to, or in any way connected with this project, shall vest with the employer. The contractor together with his subcontractors shall not, without the written consent of the employer, cause any statement or advertisement to be printed, screened or aired by the media.		
21	CLAUSE 6.2 METHOD STATEMENT The contractor shall produce, when required to do so by the principal agent, a method statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the works. Any approval given or observation made by the principal agent shall not relieve the contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the works.	Item	
22	CLAUSE 6.3 OVERLOADING The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works, scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc., to the principal agent for their approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agents requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense.	Item	
23	CLAUSE 6.4 STRUCTURAL SAFETY The contractor shall take all reasonable measures to ensure that all alteration works are structurally practicable and safe. The contractor shall provide and price under the relevant demolition item, for all necessary temporary propping and support which may be required.	Item	
24	CLAUSE 6.5 CONDEMNED WORK The contractor shall remove from the site all materials not conforming with the relevant specification and condemned by the principal agent, whether incorporated in the works or not. He shall replace such material and re-execute the affected works in accordance with the contract at his own expense.	Item	
25	CLAUSE 6.6 PHOTOGRAPHIC RECORD	Item	
		Carried Forward	R
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		Brought Forward	R
26	CLAUSE 6.7 MODE OF PROCEDURE A two weekly photographic record is to be provided by the contractor in electronic format, recording the state of progress of the works, with each photograph being suitably annotated with the location and date. Notwithstanding anything to the contrary contained herein, the principal agent at all times reserves the right to direct the order in which the various parts of the contract are to be executed. The contractor shall give priority to any individual section or portion of the works that, in the opinion of the principal agent, requires to be expedited. Should the contractor and/or principal agent be of the opinion that such instruction warrants a revision to the contract programme, then the provisions of Clause A12.2.6 hereof shall apply. Should it appear, in the principal agent's opinion, that work in any area is not being executed in accordance with the requirements of the programme, the contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the principal agent.	Item	
27	CLAUSE 6.8 ROYALTIES, PATENT RIGHTS AND FEES The contractor shall indemnify the principal agent against any action, claim, demand, costs or expenses arising from or incurred by reason of any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system or method of using, fixing, working or arrangement used or fixed or supplied by the contractor, but such indemnity shall not cover any use of the equipment or part thereof otherwise than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by instalments or otherwise, shall be included by the contractor in the price and shall be paid by him to those to whom they may be due or payable. In the event of any claim being made or action brought against the principal agent arising out of the matter referred to in this clause, the contractor shall be promptly notified thereof and may, at his own expense, conduct negotiations for the settlement of the same and/or litigation, that may arise therefrom. The principal agent shall not, unless and until the contractor shall have failed to take over and conduct the negotiations of litigation, make any admission which might be prejudicial thereto.	Item	
		Carried Forward	R
	Section No. 1 Bill No. 3 P&Gs - Part C		

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	Brought Forward	R																									
	The conduct by the contractor of such negotiations or litigation shall be conditional upon the contractor having first given the principal agent such reasonable security as shall from time to time be required by the principal agent, to cover the amount ascertained or agreed or estimated, as the case may be, or any compensation, damage, expenses and costs for which the principal agent may become liable in respect of such infringement as aforesaid. The principal agent shall, at the request of the contractor, afford all available assistance for the purpose of contesting any such claim or action and shall be repaid the expenses incurred in doing so.																										
28	CLAUSE 6.9 CONTINUOUS SUPPLY OF ELECTRICITY The contractor shall allow for the provision of suitable standby generated power (where required) including all connection, fuel and maintenance costs to meet the requirement of the contract. (Inclusive of load shedding outages) BREAKDOWN OF THE PRELIMINARIES IN CATEGORIES The following breakdown of the preliminaries is agreed for the adjustment of preliminaries [26.9.4] in terms of Option "A" <table><tr><th>Parts</th><th>Fixed Items</th><th>Value Related Items</th><th>Time Related Items</th><th>Total</th></tr><tr><td>Part A</td><td>R</td><td></td><td>R</td><td>R</td></tr><tr><td>Part B</td><td>R</td><td></td><td>R</td><td>R</td></tr><tr><td>Part C</td><td></td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>R</td><td>R</td><td>0</td><td>R</td></tr></table>	Parts	Fixed Items	Value Related Items	Time Related Items	Total	Part A	R		R	R	Part B	R		R	R	Part C					TOTAL	R	R	0	R	Item
Parts	Fixed Items	Value Related Items	Time Related Items	Total																							
Part A	R		R	R																							
Part B	R		R	R																							
Part C																											
TOTAL	R	R	0	R																							
29	CLAUSE 6.10 COMMUNITY LIAISON OFFICER Payment to the CLO to be carried out by the Principal Contractor.	Item																									
	Carried Forward to Summary of Section No.	R																									
	Section No. 1 Bill No. 3 P&Gs - Part C																										

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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 1</u> <u>DEMOLITIONS</u> User note <i>Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions</i> <i>Take note that these Model Bills of Quantities utilise abbreviated descriptions</i> <i>The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards. <u>Where such model preambles are not applicable</u> (eg where BS or Euro construction standards are applicable or the design consultants provide other preambles/specifications for insertion), users are to ensure that the abbreviated descriptions when read in conjunction with the applicable measuring system, represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications</i> <i>Consider inserting the preambles hereunder when using the abovementioned Model Preambles for Trades 2008</i> View site Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained Explosives No explosives whatsoever may be used for demolition purposes unless otherwise stated			
	Carried Forward Section No. 2 Bill No. 1 Demolitions			R

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
General			
Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent			
Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site			
<u>DEMOLITIONS</u>			
Breaking up and removing			
1	200mm Thick reinforced concrete surface beds, paving, etc	m ²	23
Taking down and removing			
2	Single door	No	1
3	Existing WCs	No	4
4	Existing WHBs	No	3
5	Existing Urinals	No	1
6	Steel diamond mesh fence to be removed and kept aside, thereafter reinstated on top of planter box	m	15
Demolishing and removing			
7	Half brick wall 3m high	m	1
8	One brick walls 3m high	m	5
9	Strip back and take down existing roof structure to allow new roof structure to tie into existing	m ²	33
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 1			
Demolitions			

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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward <u>Carting away of excavated material.</u> Descriptions of carting away of excavated material shall be deemed to include handling and transporting excavated material from site to external loading areas and loading excavated material onto trucks from the loading areas or, alternatively, from stock piles situated on the building site. All material shall be carted off site to a dumping site to be located by the contractor. <u>Keeping excavations free of water</u> The contractor shall protect the excavations from the ingress of water. Any water which occurs in the excavations, whether as a result of seepage, rain, or other causes, shall immediately be removed by baling, pumping, or other approved means. <u>Formwork</u> 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" <u>Specification</u> Where BOQ item descriptions are in conflict with Engineers specification, S0000 "General Notes". Then the Engineers specification is to take preference. <u>Testing</u> Prices for filling are to include for all necessary density tests in accordance with SABS 1200D. <u>SITE CLEARANCE</u> Carried Forward Section No. 2 Bill No. 2 Earthworks		R	
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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>Site Clearance</u>			
1	Clear the whole site of all grass, roots other vegetation, loose surface boulders, rubble and rubbish including cutting down all trees, bush etc., as well as grubbing existing soil 100mm deep.	m ²	1 298
<u>BULK EXCAVATION, FILLING, ETC.</u>			
Note: All filling whether obtained from the stockpiles or an outside source must be approved by the Civil Engineer.			
<u>FILLING</u>			
<u>Earth filling supplied by the contractor over site area to be laid in accordance with benching detail, refer to benching detail on drawing 302 Rev B</u>			
2	Shape the imported material G8 and spread, level, water and compact to 93% Mod AASHTO density in layers not exceeding 2000mm, and backfill to shape platforms as per Engineer's drawing	m ³	581
<u>EXCAVATIONS, FILLING, ETC. OTHER THAN BULK</u>			
<u>Excavation in earth not exceeding 2m deep below or reduced level for:</u>			
3	Trenches	m ³	383
4	Holes	m ³	23
<u>Support to sides of excavation exceeding 1.5m deep, measured as the area of face supported</u>			
<u>Exceeding 1.5m and not exceeding 3.0m deep</u>			
5	Timber shoring to sides of excavation	m ²	513
<u>Extra excavation in all materials to provide working space, including consequent backfilling compacted to 93% MOD AASHTO density for removing formwork, etc.</u>			
Carried Forward			R
Section No. 2 Bill No. 2 Earthworks			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
Exceeding 0.5m and not exceeding 1.5m deep				
6	For placing and removing formwork to bases, walls etc. against excavated faces	m ²	1 017	
<u>Extra over all excavations for carting away</u>				
7	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor. (No allowance made for increase in bulk, to be factored in rate)	m ³	173	
<u>Risk of collapse of excavations</u>				
8	Sides of trench and hole excavations not exceeding 1.5m deep	m ²	505	
9	Sides of trench and hole excavations exceeding 1.5m deep	m ²	513	
<u>EXCAVATIONS IN STRATA OF A MORE DIFFICULT CHARACTER</u>				
<u>Extra over trench and hole excavations in earth for excavation in</u>				
10	Hard rock	m ³	38	
<u>FILLING ETC</u>				
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density</u>				
11	Backfilling to trenches, holes, etc	m ³	227	
<u>Earth filling supplied by the contractor under surface beds and footings</u>				
12	Filling of G5 material in 150mm layers in accordance with SABS 1200 ME compacted to 95% MOD. AASHTO density.	m ³	92	
Carried Forward				R
Section No. 2 Bill No. 2 Earthworks				

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
	<u>Compaction of ground surfaces</u>		
13	Trim, level off and compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m ² 478	
	<u>SOIL POISONING</u>		
	<u>Approved brand of anti-termite soil poison applied by a Registered Pest control company and guaranteed against termite infestation for ten years</u>		
14	Poisoning of ground surfaces under floors against termites as described including raking out 50 mm deep v-shaped channel against inner face of walls, etc., and flooding with termite poisoning as described	m ² 488	
15	To bottoms and sides of trenches, etc.	m ² 1 244	
	<u>FOUNDATION UNDERPINNING</u>		
	<u>Mass concrete underpinning to existing strip foundations executed in short sequential lengths not exceeding 1m, including hand excavations in confined conditions beneath existing foundations, breaking out and preparing underside of existing footings, provision for temporary needling, propping and shoring to support structure, casting in situ concrete to engineer's detail, drilling and placing R6 Rods at every alternate second course of brickwork with polyurethane sealant, backfilling and making good, complete. As per the structural engineer's detail on drawing SK-100 Rev A.</u>		
16	Underpinning for Existing foundations	Item	
	Carried Forward to Summary of Section No.		R
	Section No. 2		
	Bill No. 2		
	Earthworks		

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 3</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>SUPPLEMENTARY PREAMBLES</u> The costs of preliminary test prior to approval of the Contractor's materials and mixes shall be born by the Contractor. The cost of subsequent tests shall be borne by the Employer unless the results show that the materials or concrete do not conform with the specific requirements. Should the Engineer require any load tests to be carried out due to the Contractor's failure to comply with specified requirements, the costs of such load test shall be borne by the Contractor. <u>Cost of tests</u> The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately) Note: As per SANS 1200D, clause 7. The costs of concrete test cubes shall be included in the rates for all concrete. Tests requested by the Engineer shall be paid for by the Employer subject to the Principle Agents written authorisation. Carried Forward Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			R

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward <u>Concrete</u> Where concrete is described as "cast against excavated surfaces" the Contractor is to allow in his rates for additional concrete to make up this tolerance/overbreak. The final net volumes of concrete shall be measurable from drawings only and no claims with regard to additional concrete to compensate for tolerances shall be entertained Contractors are to include for any supplementary materials, placing, pumping, vibration or waste on placed quantities etc.. that are required in order to provide for a fully installed rate. (Net placed volumes are measured in the bills of quantities) <u>Formwork</u> Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself. Formwork to 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." <u>Specification</u> Where BOQ item descriptions are in conflict with Engineers specification, S0000 "General Notes". Then the Engineers specification is to take preference.		R	
Carried Forward Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement		R	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
<u>10MPa/19mm concrete</u>			
1	Surface blinding under footings and bases	m ³	12
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
<u>25 MPa/19mm concrete</u>			
2	Strip footings	m ³	66
3	Surface beds on waterproofing	m ³	128
<u>30 MPa/19mm concrete</u>			
4	Bases	m ³	14
5	Surface beds on waterproofing	m ³	2
<u>40MPa/19mm concrete</u>			
6	Stairs including landings, beams and inverted beams	m ³	3
<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>			
<u>25 MPa/19mm concrete</u>			
7	Slabs, including beams and inverted beams cast to falls	m ³	1
<u>30 MPa/19mm concrete</u>			
8	Columns	m ³	1
9	Slabs including beams and inverted beams cast to falls	m ³	5
<u>BLOCK AND LINTEL SLAB</u>			
Carried Forward			R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
	<u>Supply and lay concrete hollow blocks between reinforced concrete lintels complete to form suspended roofs, including all necessary mortar, curing, and alignment. Refer to the structural engineer's drawing 303 Rev A for detail. Concrete topping measured elsewhere</u>			
10	170mm thick block and lintel slab	m ²	26	
	CONCRETE SUNDRIES			
	<u>Finishing top surfaces of concrete smooth with a wood float</u>			
11	Tops of beams	m ²	7	
12	Ramps	m ²	17	
	<u>Finishing top surfaces of concrete smooth with a power float</u>			
13	Surface beds, slabs, etc.	m ²	505	
	ROUGH FORMWORK (DEGREE OF ACCURACY III)			
	<u>Rough formwork to sides</u>			
14	Bases	m ²	17	
15	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	153	
	SMOOTH FORMWORK (DEGREE OF ACCURACY II)			
	<u>Smooth formwork to sides</u>			
16	Sloping and stepped outer edges of stairs not exceeding 350mm high extreme	m	3	
17	Beams propped up exceeding 1,5m but not exceeding 3,5m high	m ²	26	
Carried Forward				R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
<u>Smooth formwork to soffits</u>				
18	Slabs exceeding 250mm and not exceeding 500mm thick propped up not exceeding 3.5m high to falls	m ²	43	
19	Stairs with sloping soffits	m ²	3	
<u>Special formwork to circular and partly circular columns</u>				
20	300mm diameter columns not exceeding 3.5m high above bearing level	No	2	
<u>Boxing in smooth formwork to form</u>				
21	20 x 20mm Chamfers along top or bottom edges	m	80	
<u>MOVEMENT JOINTS, ETC.</u>				
<u>Isolation joints with polyethylene joint former "SONDOR" or similar approved between vertical concrete surfaces, all to Structural Engineer's approval)</u>				
22	10mm Soft joints not exceeding 200mm high	m	31	
23	Rake out softboard for a depth of 10mm	m	31	
24	Apply 10mm x 10mm Polyurethane joint sealant (Flexothane 1 by ABE or similar approved)	m	31	
<u>Saw cut joints</u>				
25	Machine cut open joint 3mm wide x 50mm deep in top of concrete surface bed including short length, etc.	m	239	
26	Cut and ream existing joint 10mm x 20mm deep in existing concrete surface bed and prepare to take backing chord and sealant	m	239	
<u>REINFORCEMENT (PROVISIONAL)</u>				
<u>High tensile steel reinforcement to structural concrete work</u>				
27	Bars of various diameters	t	6.99	
Carried Forward				R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
	<u>Fabric reinforcement</u>			
28	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²	505	
Carried Forward to Summary of Section No.				R
Section No. 2				
Bill No. 3				
Concrete, Formwork and Reinforcement				

Item No	Quantity	Rate	Amount R
<u>BILL NO. 4</u>			
<u>MASONRY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick.			
<u>Hollow walls etc</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour.			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.			
<u>Cavity Ties</u>			
All cavity ties to be plastic Posi-ties (or similar approved) and are to be included in brickwork rates.			
<u>Sundries</u>			
All brickwork items are deemed to include for hoop iron ties / straps as required. No separate item will be measured or paid for.			
<u>FOUNDATIONS</u>			
Carried Forward			R
Section No. 2 Bill No. 4 Masonry			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
<u>"CORO MAXI" 90mm Brickwork of NFX bricks (min. 14MPa nominal compressive strength) in class II mortar</u>				
1	Half brick walls	m ²	87	
2	One brick walls	m ²	123	
3	One-and-a-half brick walls	m ²	61	
<u>SUPERSTRUCTURE</u>				
<u>Brickwork of common clay NFP bricks in class II mortar</u>				
4	Half brick walls	m ²	70	
5	One brick walls	m ²	623	
<u>Extra over for Facebrick walls</u>				
6	Extra over for single skin Roan Satin FBX Facebrick	m ²	494	
<u>BRICKWORK SUNDRIES</u>				
Bagging of 1:3 cement and sand mixture to the outer face of the inner skin of external walls, including two coats "Brixeal" Bitumen emulsion waterproofing coating				
7	To external one brick walls	m ²	693	
Galvanised hoop iron cramps, ties, etc				
8	30 x 1,6mm Cramp 500mm long with one end fixed to timber and other end built into brickwork	No	297	
<u>Joint forming material in movement joints</u>				
9	10mm Bitumen impregnated fibre board built in vertically through brick walls not exceeding 300mm wide	m	709	
10	Provide and build in slip joints in brickwork or blockwork comprising compressible filler, including cutting, fitting, sealing, and all sundries	m	31	
Carried Forward				R
Section No. 2 Bill No. 4 Masonry				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>Brickwork reinforcement</u>			
11	75mm Wide reinforcement built in horizontally	m	432
12	150mm Wide reinforcement built in horizontally	m	2 645
<u>Prestressed fabricated concrete lintels</u>			
13	110 x 70mm Lintels in lengths not exceeding 3m	m	86
<u>FACE BRICKWORK</u>			
<u>Brick-on-edge header course copings, sills, etc of fair face bricks, pointed with recessed joints on all exposed faces</u>			
14	Roan Satin FBX Facebrick on edge window cill with solid brick to ends	m	40
15	Roan Satin FBX Facebrick on edge roller course above windows	m	40
16	Roan Satin FBX Facebrick on edge roller course to planter boxes	m	91
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 4			
Masonry			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 5</u> <u>WATERPROOFING</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>General</u> PREPARATION : All surfaces to receive waterproofing are to be thoroughly cleaned down to remove grease spots, concrete laitance, etc., wire brushed and free from dust and loose material and thoroughly dry before commencement of any waterproofing. SPECIALIST WATERPROOFER : The waterproofer shall apply the waterproofing and secondary materials in accordance with application techniques which are approved by the manufacturer of the waterproofing. <u>Materials</u> GENERAL : All waterproofing to be layed in accordance with SABS 021-1973 "The Waterproofing of Buildings". BITUMEN : Bitumen primer is to be spread at a rate of 0,3 litres per m² and allowed to dry before the waterproof sheeting is laid. WATERPROOF SHEETING : Tenderers must allow for the design, supply and installation of all waterproofing for areas included . Tenderers are to include for the preparation of the substrate in accordance with manufacturers specifications. Proprietary waterproofing specifications available to tenderers include, but is not limited to, Derbigum, Index, Bituthene. Any proposed specification, which must have a proven track record, shall be submitted to the Principal Agent for comment and record purposes. The sub-contractor shall be an approved applicator of the chosen system/specification. The manufacturer is required to do regular inspections and be present at all flood and drench tests.			
	Carried Forward			
	Section No. 2 Bill No. 5 Waterproofing			

R

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>Protection</u>			
All necessary precautions are to be taken for the protection of completed work.			
<u>Prices</u>			
Prices are to include for all preparation of surfaces to receive waterproofing, preparation of surfaces between layers and for cleaning off on completion.			
Prices are to include for lapping and sealing, etc. and all cutting and waste.			
<u>Waterproofing guarantee</u>			
GUARANTEE : The Contractor shall furnish a 10 year waterproofing guarantee for all the waterproofing including flashings, outlets and other details installed.			
<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u>			
1	375 micron "Consol Plastics Brikgrip DPC" In walls	m ²	169
2	In cavities, in lintels, under copings, under sills, etc.	m ²	5
<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
3	Under surface beds	m ²	478
<u>Two coats bitumen emulsion waterproof coating</u>			
4	On inside face of external walls	m ²	693
<u>WATERPROOFING TO ROOF SLABS</u>			
Carried Forward			R
Section No. 2 Bill No. 5 Waterproofing			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>Apply one layer of Derbigum SP4 laid staggered on one layer of Derbigum SP3 with side and end laps to be fully sealed together by torch on fusion to primed surfaces, complete, as per manufacturers details or equally approved.</u>			
5	Surfaces of roofs including turn ups	m ²	26
<u>TRIANGULAR FILLET</u>			
<u>50 x 50mm triangular screed fillet against walls, etc.</u>			
6	On roof slabs	m	31
<u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC</u>			
<u>Approved two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
7	10 x 10mm in isolation joints in concrete & Brickwork, including reaming out soft board.	m	467
8	Sealing between concrete and brick surfaces, not exceeding 300 mm wide	m	988
9	5 x 30mm In saw cut joints in floors	m	239
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 5			
Waterproofing			

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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward <u>Pricing of bills</u> The tenderer is to include in his pricing for executing the installation in conjunction with other services as no claim for co-ordination will be entertained at a later stage Tenderers are advised to inspect the drawings issued with this enquiry and to satisfy themselves as to the nature and requirements of the sub-contract. No extras will be allowed due to the sub-contractors failure in this respect. The descriptions contained in these Bills of Quantities are to be read in conjunction with the drawings, and are intended as a means of identifying the various facets of the work, the drawings take precedent over descriptions & quantities contained in this Bill. Tenderers shall allow for all costs in connection with the various items taking full cognisance of drawings and the Bill of Quantities descriptions. The Contractor shall be responsible for adequately protecting his work during installation and shall provide a suitable protective covering to be removed when so directed by the Main Contractor. Quantities contained in these Bills of Quantities are only indicative of the actual final quantities required and shall not be used for ordering purposes. The Sub-contractor must calculate the correct amount of materials required from the Architect's drawings with waste and rake cutting included in the rates. Final measurement shall be made from Architects construction drawings. All quantities are measures net on the undeveloped surface area as defined in the Standard System of Measurement Edition 7, should a contractor overlap sheets then this is deemed to be included in their tendered rates Rates are deemed to be fixed for the duration of the contract and escalation should be included in the rates, no claims for price increases will be entertained.		R	
Carried Forward Section No. 2 Bill No. 6 Roof Coverings, Claddings, Etc		R	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward <u>Flashings</u> As part of the design supply nature of this bill, the Tenderer is responsible for designing, measuring, pricing and installing all flashings necessary to provide a water tight building. A marked up drawing must be sent to the Architect prior to any installation on site for his verification/approval No claim for extra flashings will be certified unless the Architect specifically requests them in writing to the Principle Agent. <u>Cleaning of roof, etc.</u> All debris, etc., arising from the fixing of the cladding shall be removed from the sheeting as the fixing progresses. In addition, off-cuts of insulation, surplus fasteners and sealants, mandrels from pop rivets, off-cuts of flashings and sheeting, surplus flashing, food packaging, cartons, bottles, cans, etc., shall not be left on the roof or in the gutters Care shall be taken to ensure that no such material enters, blocks or partially impedes the flow of water into the outlets, down pipes, etc <u>Handling & Storage</u> The Contractor shall ensure that all materials used on site for cladding, etc are transported, handled and stored in accordance with the manufacturer's recommendations. Material damaged shall be rejected and replaced with undamaged material at the Contractor's expense. Repair of damaged material will not generally be permitted. Rates are to include for preventing damage and protecting sheets through all stages of construction		R	
Carried Forward Section No. 2 Bill No. 6 Roof Coverings, Claddings, Etc		R	

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward <u>Inspection prior to installation or erection</u> Before commencing installation, the contractor shall verify that the following items have been checked and acceptedThe entire structure or the portion thereof to be sheeted has been correctly aligned, leveled and groutedPurlins and sheeting rails are at the correct spacing and are within the specified tolerancesThe corners of the roof are square and the wall framework is perpendicular or as specified No protrusions such as bolt heads, splice plates, cleats, etc., appear on the face of the framework All members to which roofing and cladding are to be fixed in aesthetically sensitive areas are true and squarePaint and any other materials that may be incompatible with the sheeting, have been painted over or so dealt with that direct contact with the sheeting is avoided The contact faces between the purlins or the girts and the cladding in the same plane. Should the alignment be inadequate, the Contractor shall request instructions from the Engineer before proceeding with the fixing of the cladding <u>Guarantee</u> The manufacturer shall comply with ISO9002 Quality Management System sheeting shall be laid in strict accordance with the manufacturer's specifications by an approved Contractor. A written and approved ten year guarantee shall be supplied at time of tender and a certificate of site workmanship and water tightness shall be issued after final inspection by the manufacturer.		R	
Carried Forward Section No. 2 Bill No. 6 Roof Coverings, Claddings, Etc		R	

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
<u>ROOF CONSTRUCTION</u>			
<u>Design, manufacture, supply, deliver and erect prefabricated timber roof trusses forming the complete roof structure, including all concrete tiles, insulation (sisalation FR430), fascia, flashing, nutec board forming gables, bracing, ties, anchors, wall plates, holding down straps, connectors, clips, bolts, nails, temporary supports, cutting, fitting and fixing, all in accordance with SANS requirements and manufacturer's specifications.</u> <u>Note: Contractors advised to include tying into the existing structure in pricing, refer to section B-B on drawing CW 01 Rev A</u> <u>Max Truss Spacing : 760mm. Roof Pitch : 22.5 degrees.</u>			
1	Roof	m ²	457
<u>RAINWATER DISPOSAL</u>			
<u>GUTTERING</u>			
<u>125mm Marley half round PVC gutters</u>			
2	Marley half round PVC gutter including brackets	m	147
<u>DOWN PIPES</u>			
<u>uPVC rainwater pipes including all required flashing, brackets, fixing and cutting holes into gutters for downpipes etc</u>			
3	110mm diameter rainwater pipes including holderbats fixed to wall	m	66
4	Extra over 110mm rainwater pipe for 45° bend to suit	No	16
5	Extra over 110mm rainwater pipe for 90° bend to suit	No	16
6	Extra over for stop ends to gutter	No	16
7	Extra over for stop ends to downpipes	No	16
8	Extra over for outlets	No	16
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 6			
Roof Coverings, Claddings, Etc			

Item No	Quantity	Rate	Amount R
<u>BILL NO. 7</u>			
<u>CARPENTRY AND JOINERY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, 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, and where described as "bolted", the bolts have been given elsewhere.			
<u>Decorative thermosetting plastic laminate covering</u>			
Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish			
<u>Extension of Scope of Work</u>			
The items set out below comprise a part of the total requirements only. The client reserves the right to negotiate extensions to the current scope of work with the successful tenderer under his contract or to issue subsequent tenderers or to negotiate with other potential contractors for such extensions to current scope.			
<u>Measurements</u>			
These Bills of Quantities are provisional and are only indicative of the actual quantities required and should not be used for ordering purposes.			
Carried Forward			R
Section No. 2 Bill No. 7 Carpentry and Joinery			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
<u>Protection</u> The tenderer will be required to protect his work during the course of construction, which protection shall be adequate for the purpose to the full approval of the Principal Agent. Such protection shall only be removed on written instruction. <u>Description</u> The description and dimensions of the following items are intended as a means of identifying the items only and are not intended as full descriptions. Tenders are to refer to drawings and make enquiries as no extras will be entertained due to the tenderers failure to do so. The Tenderer shall allow for all costs in his rates to satisfy the above requirements. <u>Site Visit</u> The tenderer will be deemed to have visited the site to ascertain site conditions and the scope of works. <u>Site Measurements</u> Measurements are to be taken on site prior to the manufacture of any items. <u>Prices</u> Prices for all items are to include for site measurements, fabrication, transport, suspension systems, fixing to structural grids, timber trusses and concrete, scaffolding, protection and finishing complete for painting by others. <u>Kiln dried horizontal slatted 120 minute fire door supplied pre-hung in mild steel door frame with stainless steel hinges. Pricing to include door and frame</u>				
1	D6 - Single fire door, size 813mm wide x 2,032mm high	No	10	
<u>INTERNAL DOORS, ETC.</u>				
Carried Forward				R
Section No. 2 Bill No. 7 Carpentry and Joinery				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
	<u>Semi-solid hardwood horizontal routed meranti door by specialists. 86mmx53mm rebated solid meranti timber frame, door sections to suit door size hardwood quadrant to be provided to both sides. Pricing to include door and frame</u>			
2	D2 - Single door, size 813 x 2032mm high	No	7	
3	D3 - Single door, size 900 x 2032mm high including 600mm x 150mm high GRILLE	No	1	
4	D7 - Single door, size 813 x 2032mm high	No	1	
	<u>Solid hardwood horizontal routed meranti door by specialists. 86mmx42mm rebated solid meranti timber frame, door sections to suit 813x2032 door size hardwood quadrant to be provided to both sides. Pricing to include door and frame</u>			
5	D1 - Single door, size 813 x 2032mm high	No	3	
6	D5 - Single door, size 813 x 2032mm high	No	8	
Carried Forward to Summary of Section No.				R
Section No. 2				
Bill No. 7				
Carpentry and Joinery				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 8</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, 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, and where described as "bolted", the bolts have been given elsewhere <u>Ceilings</u> Unless otherwise described ceilings shall be deemed to be horizontal			
	Carried Forward			
	Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring			

R

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward <u>Bulkheads</u> Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 1200mm. Where these dimensions are more than 1200mm such portions of ceilings have been included in the appropriate general items of ceilings Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc. Unless otherwise described bulkheads shall be deemed to be horizontal along the length <u>Supplementary Preambles</u> Installation of ceilings, suspension systems, partitioning, etc. to be strictly in accordance with the manufacturer's specifications. <u>User note</u> The following preamble to be included in the bills of quantities after confirmation of the basic design of the ceilings, lighting, air conditioning, etc. Electrical light fittings, diffusers, panels etc are generally "lay-in" units of the same dimensions as the suspension grid described and allowance must be made in the rates 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).		R
Carried Forward Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring		R

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward <u>Measurements</u> These Bills of Quantities are provisional and are only indicative of the actual quantities required and should not be used for ordering purposes. <u>Protection</u> The tenderer will be required to protect his work during the course of construction, which protection shall be adequate for the purpose to the full approval of the Principal Agent. Such protection shall only be removed on written instruction. <u>Description</u> The description and dimensions of the following items are intended as a means of identifying the items only and are not intended as full descriptions. Tenders are to refer to drawings and make enquiries as no extras will be entertained due to the tenderers failure to do so. The Tenderer shall allow for all costs in his rates to satisfy the above requirements. <u>Site Measurements</u> Measurements are to be taken on site prior to the manufacture of any items. <u>Prices</u> Prices for all items are to include for site measurements, fabrication, transport, suspension systems, fixing to structural grids, timber trusses and concrete, scaffolding, protection and finishing complete for painting by others. <u>Note:</u> Cornices, mouldings and trims shall be deemed to include for mitres, intersections and any grooves or shaping detail in the running lengths.	R	
Carried Forward Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring	R	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward <u>Suspension of Ceilings and Bulkheads</u> The successful tenderer will be responsible for the method of suspension of the ceilings, ceiling features, beams, etc. and will be liable for any claim which may be made against the Employer by any person whatsoever or any loss or damage whatsoever which the Employer may suffer arising out of any defects in the suspension system. Tenderers are to allow in their prices for employing an appropriate qualified responsible party/person to check and verify structural design of all suspension systems to ceilings and ceiling features. The signature of such responsible party/person to be on all shop details relating to ceiling suspension system for submission to the Architect/Structural Engineer for approval. The successful tenderer is to indemnify the Employer, Professional Team and Principal Contractor against any failure / defect in the design, detailing, calculation, manufacturing and erection of the ceiling suspension system. The contractor to ensure adequate design indemnity cover for the responsible party/person to be employed for verifying such suspension systems. <u>Recommendation for Ceiling Inspections</u> All off site fabrication and on site erection of suspension systems to be checked and verified by the Architect/Structural Engineer and the tenderer is to give adequate notice to the Architect/Structural Engineer in order for such inspections to take place. <u>Steel components</u> All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121. <u>FLUSH PLASTERED SUSPENDED CEILINGS</u>		R	
Carried Forward Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring		R	

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
	Supply and install 6mm skimmed everite nutec ceiling boards fixed to galvanized steel hanging tracks fixed to reinforced concrete slab with express nails and washers		
1	Ceilings suspended not exceeding 2m below soffit	m ² 21	
	Supply and Install 1200 x 600 x 31mm "Thermoceil" ripple white vinyl clad 6mm calcium silicate ceiling tiles with aluminium foil backed tiles with 25mm thick fire-retardant polystyrene adhered to back laid onto suspended CKM T38/24W pre-painted white exposed tee grid system		
2	Lay in ceiling suspended not exceeding 2m below slab.	m ² 246	
Carried Forward			R
Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
<u>NAILED-UP CEILINGS</u>			
3	6mm skimmed nutec fibre cement ceiling board fixed to 38 x 38 SAP brandering at max 400mm centres	m ²	85
<u>TRAPDOORS, ETC.</u>			
<u>Trapdoors fixed to ceiling, including cut-out, etc.</u>			
4	Extra over ceiling for Access Panel comprising matt white powder coated aluminium T-frame 580 x 580mm, including screw fixing through stalk of T-frame into 38 x 38mm softwood brandering / supporting sub-frame	No	2
<u>SHADOW LINE</u>			
<u>Shadow trim fixed to ceiling junction, etc.</u>			
5	Supply and install 25mm aluminium shadow line	m	197
<u>DRYWALL</u>			
<u>Supply, deliver and erect Jumbo drywall partitions with sound therm insulation by pelican or similar approved including galvanised steel framing, cutting, fitting, jointing, joint tape, jointing compound, corner beads, skim plaster finish, preparatory work, sanding, making good, straightening, alignment, and finishing ready to recieve paint, complete.</u>			
6	90mm wide drywall partitions	m ²	205
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 8			
Ceilings, Partitions and Access Flooring			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Item No		Unit	Quantity	Rate	Amount R
	<u>BILL NO. 9</u>				
	<u>FLOOR COVERINGS, WALL LININGS, ETC</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Pricing of Bills</u>				
	The tenderer is to include in his pricing for executing the installation in conjunction with other services as no claim for co-ordination will be entertained at a later stage.				
	Tenderers are advised to inspect the drawings issued with this enquiry and to satisfy themselves as to the nature and requirements of the contract. No extras will be allowed due to the Contractor's failure in this respect.				
	The Contractor shall be responsible for adequately protecting his work during installation and shall provide a suitable protective covering to be removed when so directed by the Project Manager				
	Quantities contained in these Bills of Quantities are only indicative of the actual final quantities required and shall not be used for ordering purposes.				
	The descriptions contained in these Bills of Quantities are intended as a means of identifying the various facets of the work. Tenderers shall allow for all costs in connection with the various items taking full cognizance of drawings, schedule of finishes and the Bills of Quantities descriptions.				
	Final measurement shall be made from construction drawings or from measurements taken on site.				
	Carried Forward				R
	Section No. 2 Bill No. 9 Floor coverings, wall linings, etc				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
<u>Fixing</u> Floor coverings shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, etc All carpets where required to be ramped up to meet level of tiling. <u>FLOOR COVERINGS</u> Allow the PC Amount of R250/m² (Two hundred and Fifty Rand per square meter) for the supply of floor tiles in below rates. Rates to include adhesive, grout, trims, fixing, labour and wastage complete. 600 x 600 Salt & Pepper porcelain floor tile 1 On floors m² 72 600 x 600 Matt Porcelain floor tile 2 On floors m² 303 Trio Brush - Anthracite Grey 3 Entrance Mat m² 7 <u>SKIRTINGS</u> 4 75mm x 17mm (Jet Black) PVC skirting m 404 <u>SUNDRIES</u> 5 Aluminium square edge trim m 14 6 10mm Kirk Marketing M-Trim movement joint m 48 7 5mm x 40mm x 1.6mm transition ramp cover m 4				
Carried Forward to Summary of Section No.				R
Section No. 2				
Bill No. 9				
Floor coverings, wall linings, etc				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 10</u>			
	<u>IRONMONGERY</u>			
	<u>SUPPLY, TRANSPORT AND INSTALL ONLY THE FOLLOWING IRONMONGERY</u>			
	<u>All ironmongery to be Stainless Steel</u>			
	<u>HINGES, BOLTS, ETC</u>			
	ASSAABLOY or similar approved			
1	1,5 pairs of UNION JH-BB-STD-2-SS - SS 2BB BUTT HINGE EN1935GRD13 (PAIRS)	No 4		
2	1 pair of UNION JH-BB-STD-2-SS - SS 2BB BUTT HINGE EN1935GRD13 (PAIRS)	No 7		
3	UNION 8352-100SN ALUMINIUM REFLEX HINGE 100 MM ANODISED	No 2		
4	UNION 8352-200SN ALUMINIUM REFLEX HINGE 200 MM ANODISED	No 1		
5	1.5 pairs per leaf of UNION 8352-100FLSS SS flush ball bearing butt hinge 100x75x3mm	No 8		
6	1.5 pairs of UNION 8352-100SS201 2BB 102X76X3mm hinge, SS CE PAIRS, 4 X UNION RH7024 patent fixing screw - nickel plated	No 10		
7	1 pairs of UNION 8352-100SS201 2BB 102X76X3mm hinge, SS CE PAIRS	No 1		
	<u>HANDLES</u>			
	ASSAABLOY or similar approved			
8	UNION 6109-06SS SS sandpiper lever handle on rose 19mm (Pairs)	No 9		
	Carried Forward		R	
	Section No. 2 Bill No. 10 Ironmongery			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
9	UNION PH5330-25-300BTSS - T-MITRE STRAIGHT DIA 25MM 300MM - BT	No 3	
10	UNION SS5023-380 W 152X380MM STAINLESS STEEL PUSH PLATE	No 3	
11	SSD63-066SS - SS DOVE PULL HANDLE ON BACK PLATE BLANK - 152X 76 PLATE	No 7	
12	2 of UNION PH5320-19-300CFSS TO BE INSTALLED HORIZONTALLY EXTERNALLY of UNION 8352-100SS201 2BB 102X76X3MM HINGE SS CE PAIRS	No 1	
13	UNION PH5311-25-300BBSS PULL HANDLE BTB	No 1	
14	ASSA ABLOY DH070-A4130H140	No 10	
<u>LOCKS</u>			
ASSAABLOY or similar approved			
15	UNION 2X18SCMKD double cylinder profile MKD SC	No 9	
16	UNION SS5305-05SS escutcheon on rose profile (Pairs)	No 8	
17	UNION SS5305-75SS escutcheon on rose bathroom (Pairs)	No 1	
18	Deadbolt - UNION L-2215-78SS/SL UNION E/P cylinder upright lock	No 9	
19	UNION 2X20SCMDKD SINGLE CYLINDER PROFILE MKD SC DEADLOCK	No 3	
20	UNION L-21315-76SS - 323 Cylinder Deadlock - Stainless Steel	No 3	
21	UNION SS5305-73SS ESCUTCHEON ON ROSE BATHROOM	No 7	
22	UNION SS2016SS BATHROOM DEADBOLT - STAINLESS STEEL	No 7	
Carried Forward			R
Section No. 2 Bill No. 10 Ironmongery			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
23	UNION AL8208-180AS/MD FLUSH BOLT FOR METAL DOORS LOCK	No 2	
24	UNION 2X18SCMKD DOUBLE CYLINDER PROFILE MKD SC	No 1	
25	UNION PZ-05SS ESCUTCHEON ON ROSE PROFILE (PAIRS)	No 11	
26	UNION QR35X85MMSWSS ROLLER LATCH AND SWING DEAD BOLT MORTICE LOCK - 35MM BACKSET - STAINLESS	No 1	
27	ASSA ABLOY CY32IT-128005 PROTECT 2 DIN SINGLE CYLINDER	No 10	
28	ASSA ABLOY EL560-100160 60MM SOLENOID LOCK	No 10	
<u>DOOR CLOSERS</u>			
ASSAABLOY or similar approved			
29	1 of ASSA ABLOY DC200 R&P closer en 2-4 sil	No 10	
30	1 x UNION DC 175 - CAM MOTION CLOSER EN34 SIL. UNION DCA280-EV1 - SLIDE CHANNEL MOUNTING PLATE FOR DC 175	No 4	
31	UNION DC 300SCDA - R&P DOOR CLOSER EN1-4 SDA. UNION DC120-40 - STRAIGHT MOUNTING PLATE FOR ASSA ABLOY DOOR CLOSERS	No 1	
<u>SUNDRIES</u>			
ASSAABLOY or similar approved			
32	UNION SS5089-150W KICK PLATE 150X800MM WORKS	No 8	
33	UNION SS5023-06-228W 152X228MM STAINLESS STEEL PUSH PLATE - BLANK	No 3	
34	UNION 87001SS FLOOR DOOR STOP SATIN SS	No 24	
Carried Forward			R
Section No. 2 Bill No. 10 Ironmongery			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
35	SS5063-06SS - PUSH PLATE BLANK 152 X 76MM	No	7
36	1 pair of UNION 37651AS PARAPLEGIC FACILITY INDICATOR BOLT AS	No	1
37	UNION 8852SS DUST PROOF STRIKE	No	2
38	ASSA ABLOY EA280 - 100000	No	10
39	ASSA ABLOY EA322 - 100000	No	10
40	NATURAL ANODIZED ALUMINIUM DOOR LOUVRE TO MECHANICAL ENGINEERS SPECIFICATIONS	No	11
<u>SIGNAGE</u>			
41	UNION SP5066-06SSE11 FEMALE SIGN 152x152x1.2 ss	No	3
42	UNION SP5066-06SSE10 Male sign 152x152x1.2 ss	No	3
43	UNION SP5066-06SSE14 Paraplegic sign 152x152x1.2 ss	No	1
44	UNION SP5066-06SSE02 - TEA / KITCHEN SIGN	No	1
<u>BATHROOM FITTINGS</u>			
45	UNION SS8025SS Hat & Coat Hook with buffer	No	8
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 10			
Ironmongery			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 11</u> <u>METALWORK</u> <u>SUPPLEMENTARY PREAMBLES</u> Descriptions of bolts, anchors, etc 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 brickwork or concrete Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres <u>ALUMINIUM WINDOWS, DOORS, ETC</u>			
	Carried Forward			R
	Section No. 2 Bill No. 11 Metalwork			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
<u>Aluminium windows and frames</u>			
Window Description : Extruded aluminium framed window sections shall be fabricated from alloy 6063 or 6061 in temper T5 or T6, all in accordance with the latest edition of BS EN 755. Ventilators shall be pivot hung, outward opening, on stainless steel friction hinges.			
Glazing : 6.38 mm normal strength sand-blasted laminated safety glass shall comply with SANS 1263 Part 1 & 2, with the name of the manufacturer permanently marked on each pane, visible after glazing, in accordance with SANS 10400 Part N Schedule 1 and SANS 10137:2002.			
Ironmongery : 305 stainless steel friction hinges shall be fitted to ventilators. Wedgeless handles shall be by "Wispeco."			
Window Finish : Powder coating shall be Interpon D1025, SANS 1796 compliant, Qualicoat Class 1 compliant powder (60-80 µ), applied by an Interpon-approved applicator in strict accordance with SANS 1578. A 15-year project warranty certificate shall be supplied. Colour: Matt charcoal. All aluminium shall be pre-treated in accordance with SANS 1796 to ensure excellent adherence properties.			
1	W01 (600 x 600)	No	8
2	W02 (600 x 1200)	No	3
3	W03 (1200 x 1350)	No	1
4	W04 (1200 x 1350)	No	11
5	W05 (1800 x 900)	No	1
Carried Forward			R
Section No. 2 Bill No. 11 Metalwork			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
	<u>Window Description</u> : Heavy Duty Aluminium frame built-in, ballistic rated speak EZI & transaction trays <u>Glazing</u> : Bullet resistant 38mm clear laminated armour glass (certified BR2 - BR4 ballistic resistance) to comply with sans 1263 part 1 & 2 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with SANS 10400 part in schedule 1 and SANA 10137:2002 <u>Ironmongery</u> : N/A <u>Window Finish</u> : Powder coating shall be Interpon D1025, SANS 1796 compliant, Polyester Class 1 powder (60-80 µ), applied by Qualicoat compliant-approved applicator in strict accordance with SANS 1578. A 15-year project warranty certificate shall be supplied. Colour: Matt white. All aluminium shall be pre-treated in accordance with SANS 1796 to ensure excellent adherence properties.		
6	W06 (11 040 x 1200)	No	1
	<u>Aluminium doors and frames</u> <u>Clip 44 double door frames made up of 45mm door stiles, top rail, bottom rail, all in accordance with manufacturer's recommendations. Extruded aluminium framed window sections shall be fabricated from alloy 6063 or 6061 in temper T5 or T6</u>		
7	D4 - Double door, size 1790mm wide x 2,090mm high	No	1
	<u>BALUSTRADES</u> <u>Galvanised Steel Balustrade</u>		
8	50mm diameter galvanised steel round tubing balustrade, 1m high as per detail on drawing CW 08 Rev A	m	8
	<u>STEEL GATES</u>		
Carried Forward			R
Section No. 2 Bill No. 11 Metalwork			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
<u>Galvanised Steel Gates</u> Hot dipped galvanised steel gate to be priced in accordance with the architects drawing. Drawing No : CW 05 Rev A. No further claims will be accepted for any items missed/not priced on the above mentioned drawing.				
9	G01 (1000 x 2165)	No	1	
Carried Forward to Summary of Section No. Section No. 2 Bill No. 11 Metalwork				R

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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward				R
	<u>One coat (5:1) cement plaster on brickwork</u>			
2	On walls	m ²	822	
3	On narrow widths	m ²	25	
	<u>EXTERNAL PLASTER</u>			
	<u>One coat (5:1) cement plaster on brickwork</u>			
4	On walls	m ²	419	
5	On narrow widths	m ²	8	
Carried Forward to Summary of Section No.				R
Section No. 2				
Bill No. 12				
Plastering				

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 13</u> <u>TILING</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions and Quantities</u> The descriptions of the items in this document are intended as a means of locating and identifying the items only and are not intended as full descriptions and specifications of items. Quantities contained in these Bills of Quantities are indicative only and shall not be used for ordering purposes. The Descriptions contained in these Bills of Quantities are to be read in conjunction with the tender drawings and are not intended as a means of identifying the various facets of the works. Tenderers shall allow for all costs in connection with the various items taking full cognizance of the tender drawings, specifications and descriptions in the Bills of Quantities. <u>Prices</u> All quantities are measured net, based on actual areas shown on the drawings. Pricing must allow for all wastage, cutting, holes, drilling and protection of existing finishes, during the progress of the works and allow for cleaning off upon completion. <u>Final Measurement</u> Final site measurements and requirements shall be made using the latest revision of construction issue drawings.			
	Carried Forward Section No. 2 Bill No. 13 Tiling			R

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward <u>Protection</u> The contractor will be required to protect his work during the course of construction and installation, which protection shall be adequate for the purpose, to the full approval of the Principal Agent. Such protection shall only be removed upon written instruction from the Principal Agent. Should the tenderer decide that the above mentioned minimum specification is not sufficient and additional protection is required, the tenderer will obtain approval from the Architect prior to tender submission for any such additional protection and include for the same in this tender. Tenderers are to allow for all costs associated with the above mentioned requirements, as no extras will be entertained due to the tenderers failure to do so. Should the contractor not make a separate allowance for protection, it will be deemed included within their rates and no claims will be entertained in this regard. <u>Supplier Contact Details</u> Tenders are required to familiarise themselves with the suppliers terms and conditions at the time of tender. Particularly payment and delivery conditions are to be noted to avoid any delays, and no claim relating to payment of suppliers will be entertained at a later stage. <u>SUPPLEMENTARY PREAMBLES</u> <u>Tiling Adhesive</u> The Tenderers are to submit to the Principal Agent a full specification regarding the tile adhesive and grouting before any construction starts, for his written approval. Tenderers are to allow for this in their rates as no claims will be entertained in this regard.	R	
Carried Forward Section No. 2 Bill No. 13 Tiling	R	

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward				R
<u>Substrate preparation</u> Tenderers are to note that it has been assumed that tiling will generally be fixed with adhesive to one of the following substrates: Existing concrete surface beds / slabs New concrete surface beds / slabs Brickwork Concrete columns and walls <u>WALL TILING</u> <u>Allow the PC Amount of R250/m² (Two hundred and Fifty Rand per square meter) for the supply of wall tiles in below rates. Rates to include adhesive, grout, trims, fixing, labour and wastage complete.</u>				
1	Splashback	m ²	5	
Carried Forward to Summary of Section No. Section No. 2 Bill No. 13 Tiling				R

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 14</u>			
	<u>PLUMBING AND DRAINAGE</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Wire gratings</u>			
	Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings			
	<u>Stormwater channels</u>			
	Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, disposal of surplus material on site, concrete, formwork and reinforcement, etc			
	<u>Manholes, grid inlets, catchpits and sumps</u>			
	All manholes, grid inlets, catchpits and sumps are to be priced complete including necessary excavation, concrete base, brickwork, bending, ring beams and backfill. Covers and frames are measured separately.			
	<u>Soak-away drain</u>			
	Descriptions of soak-away drain shall be deemed to include excavation, stone filling graded 75mm diameter nominal railway ballast, "Bidim" geofabric filter blanket over stone, 300mm earthfilling over and disposal of surplus material on site			
	<u>Septic tanks</u>			
	Descriptions of proprietary type septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions and disposal of surplus material on site			
	Carried Forward			R
	Section No. 2 Bill No. 14 Plumbing and Drainage			

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward <u>Stainless steel basins, sinks, wash troughs, urinals, etc</u> Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0) Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8) Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316 (18/8) Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable <u>Sealing of edges</u> Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone <u>uPVC pipes and fittings</u> Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings <u>uPVC pressure pipes and fittings</u> Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings 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 <u>High density polyethylene (HDPE) pipes and fittings</u> Pipes shall be type IV and of the class specified with "Plasson" or "Alprene" compression fittings		R	
Carried Forward Section No. 2 Bill No. 14 Plumbing and Drainage		R	

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward <u>"Polycop" polypropylene pipes</u> Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or where so described "Polylock" compression fittings Pipes shall be firmly fixed to walls, etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions <u>Copper pipes</u> Pipes shall be hard drawn and half-hard "Maksal" pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016 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 <u>Reducing fittings</u> 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	R	
Carried Forward Section No. 2 Bill No. 14 Plumbing and Drainage	R	

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward <u>Fixing of pipes</u> Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level <u>Paper wrapping to pipes</u> Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings <u>Disinfection of water pipework</u> Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere) <u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u> Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with 20% overlaps Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including mastic, tape, "Layflat" sheeting, securing of same, etc Prices for wrapping of pipes shall include for all work as described to couplings in the length <u>Laying, backfilling, bedding, etc of pipes</u> Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled		R	
Carried Forward Section No. 2 Bill No. 14 Plumbing and Drainage		R	

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward Where no manufacturers' instructions exist, pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium-pressure pipelines SABS 1200LD : Sewers SABS 1200LE : Stormwater drainage Pipe trenches, etc shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes) <u>As-built drawings</u> 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 the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere) <u>Classification of excavated materials</u> The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock" If the contractor considers that any of the excavations are more difficult in nature than excavations in "earth", he shall immediately notify the Engineer and quantity surveyor in writing. If the contractor fails to make such notification, the excavations shall be deemed to be in "earth" and shall be measured, and valued, accordingly. The contractor may, with the prior written permission of the Engineer and in terms of the conditions of contract, use any method he chooses to excavate any class of material, but his chosen method of excavation shall not determine the classification of the materials excavated.		R	
Carried Forward Section No. 2 Bill No. 14 Plumbing and Drainage		R	

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward <u>Carting away of excavated material</u> Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site <u>Testing</u> The cost for density tests on filling shall be allowed for in the compaction and filling rates as per Clause 7 SANS 1200D <u>Excavations</u> Tenderers are to note Over break in excavations is expected due to the nature of the insitu material. There shall be NO ADDITIONAL PAYMENT for additional backfill material required to backfill any trench to completed levels. The rates tendered under the relevant excavation items in the Bill of Quantities shall include for making up overbreak. The rates tendered under the relevant items in the Bill of Quantities shall include for battering or shoring and no additional payment will be made for making the excavations safe. <u>Measurements and Bills of Quantities</u> All measurements will be Net on plan measured off construction drawings and all costs are to include for longitudinal lengths and required falls within the tendered rates. Any additional lengths due to falls and longitudinal requirements is to be included in the tendered rates and not the quantities.		R	
Carried Forward Section No. 2 Bill No. 14 Plumbing and Drainage		R	

**MBIZANA TRAFFIC DEPARTMENT
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Brought Forward			R
<u>STORMWATER DRAINAGE</u>			
<u>Class 34 uPVC pressure pipes including couplings supplied and laid in trenches on class B bedding and including excavations in earth, risk of collapse, selected backfilling from excavated material and carting away surplus material to a location within free haul distance off the site</u>			
1	200mm diameter pipes exceeding 1m not exceeding 2m deep	m	15
2	355mm diameter pipes exceeding 1m deep and not exceeding 2m deep	m	27
<u>Dished Concrete Channel</u>			
3	100mm thick, 1000mm wide 30Mpa v drain concrete channel to Engineer's detail, including excavation, earthworks, 150mm G5 material, compaction, Ref 193 mesh, and softboard joint complete. Refer to detail on drawing 201 Rev A	m	52
<u>Manholes, catchpits, etc</u>			
All manholes, catchpits, etc. to the Civil Engineer's satisfaction and in accordance with their detail drawings			
Excavate for and construct manhole or grid-inlet structure 600 x 600mm internally of one brick sides in Engineering bricks Type NFXE-14, including step-irons, on 200mm concrete base class 25/19 with mesh ref. 395, the base benched up in class 20/13 concrete finished smooth, with and including 1040 x 1040 x 200mm thick reinforced concrete top slab with 600Ø opening for cast iron cover and frame. Cover and frame elsewhere measured.			
4	Exceeding 1m deep but not exceeding 2m deep	No	3
<u>Covers, frames, etc</u>			
Carried Forward			R
Section No. 2 Bill No. 14 Plumbing and Drainage			

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward			R
Grid Inlets			
5	600 × 600 mm heavy-duty (HD) polymer, tamper-proof grid inlet, including cover and frame, shall be SABS approved.	No	1
Manhole Covers			
6	600 × 600 mm heavy-duty (HD) polymer manhole cover and frame, all tamper-proof, shall be SABS approved.	No	1
<u>AGRICULTURAL DRAINAGE</u>			
<u>100mm diameter perforated HDPE agricultural drain pipe laid to falls, including excavation required depth, 19mm graded blue stone surround, geotextile fabric fully wrapped to form filter envelope, jointing, connections, and discharging into stormwater line, complete</u>			
7	100mm agricultural drain to planters	m	41
<u>INTERNAL DOMESTIC RETICULATION</u>			
<u>HDPE pipes including straight couplers, fittings, bend, junctions, reducers etc in the running lengths, laid in trenches on class B bedding and including excavations in earth, risk of collapse, selected backfilling from excavated material and carting away surplus material to a location within free haul distance of the site</u>			
8	15mm Pipes	m	59
9	22mm Pipes	m	80
10	32mm Pipes	m	78
<u>Extra over piping for compression fittings</u>			
11	15mm Pipes	m	35
12	22mm Pipes	m	60
13	32mm Pipes	m	9
Carried Forward			R
Section No. 2 Bill No. 14 Plumbing and Drainage			

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Brought Forward				R
	<u>Extra over piping for building paper before plastering, tiling etc</u>			
14	15mm Pipes	m	59	
15	22mm Pipes	m	80	
16	32mm Pipes	m	78	
Carried Forward				R
Section No. 2 Bill No. 14 Plumbing and Drainage				

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward				R
<u>SOIL DRAINAGE</u>				
<u>SOIL DRAINAGE PIPING AND FITTINGS</u>				
<u>uPVC pipes including couplings, bends, t-junctions and all associated fittings supplied and laid in trenches on class B bedding and including excavations in earth, risk of collapse, selected backfilling from excavated material and carting away surplus material to a location within free haul distance of the site</u>				
17	50mm diameter pipes not exceeding 1m deep	m	50	
18	160mm diameter pipes exceeding 1m not exceeding 2m deep	m	56	
<u>Extra Over Piping for fittings</u>				
19	50mm Junctions	No	63	
20	50mm Access bends	No	42	
21	50mm to 110mm Reducers	No	74	
22	45° Bend to suit 50mm pipe	No	105	
23	110mm flexible pan connectors	No	12	
<u>Class 34 uPVC pipes including couplings, bends, t-junctions and all associated fittings supplied and laid in trenches on class B bedding and including excavations in earth, risk of collapse, selected backfilling from excavated material and carting away surplus material to a location within free haul distance of the site</u>				
24	50mm diameter pipes not exceeding 1m deep	m	57	
25	110mm diameter pipes not exceeding 1m deep	m	44	
<u>Extra over class 34 uPVC sewer and drain pipes for fittings</u>				
26	Rodding eye to suit 110mm diameter pipe externally	No	1	
27	Inspection eye to suit 110mm diameter pipe externally	No	14	
Carried Forward				R
Section No. 2 Bill No. 14 Plumbing and Drainage				

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Brought Forward				R
28	Soil stack to suit 110mm diameter pipe	No	44	
29	Vent stack including all associated fittings to suit 110mm diameter pipe	m	5	
30	90° Bend to suit 110mm pipe	No	12	
31	45° Tee junction to suit 110mm diameter pipe	No	8	
32	90° Tee junction to suit 110mm diameter pipe	No	1	
	<u>Precast concrete gulley including grating</u>			
33	380 x 575mm Precast concrete gulley including grating and 'P' Trap to 110mm diameter uPVC waste pipe	No	2	
	<u>MANHOLES & CATCHPITS</u>			
	<u>Excavate and build 1200mm diameter circular manhole formed from precast concrete splay rebated rings not less than 75mm thick and jointed with suitable watertight joint, built off and including 25Mpa/26mm 250mm thick concrete base and fitted with precast cover and frame (elsewhere) benching up in 20MPa/8mm concrete and finished smooth in 1:1 cement plaster around channels.</u>			
	<u>To be priced in accordance with Engineers drawing No. 26018 Sewer 201 Rev A</u>			
34	Ditto but for depths exceeding 2m and not exceeding 3m deep internally	No	3	
	<u>COVERS & GRATINGS</u>			
	<u>Precast concrete covers, etc.</u>			
35	800 diameter heavy duty polymer manhole cover and frame, all tamper proof, to be SABS approved	No	3	
Carried Forward				R
Section No. 2 Bill No. 14 Plumbing and Drainage				

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward				R
<u>SANITARY FITTINGS AND EQUIPMENT</u>				
<u>SANWARE</u>				
<u>Supply, deliver and install the following sanitary fittings including wastes, traps etc and all associated accessories</u>				
<u>WATER CLOSETS</u>				
36	<u>SF01</u> "Vaal" or similar approved sanitary ware vitreous china "protea paraplegic" 90° outlet pan code 750200 and matching 9 litre cistern code 7116lp complete with lid fitments and purpose made c.p side flush lever left or right. bottom supply must be on the same side as the flush lever.	No	2	
37	<u>SF02</u> "Vaal" or similar approved low level afsan pan product code 750600wh "Vaal" or similar approved sanitary ware vitreous china hibiscus elite vandal proof low level cistern (code 7116lv) complete with front push button, lid, fitments and low level flush pipe	No	10	
<u>URINALS</u>				
38	<u>SF03</u> "Vaal" sanitaryware vitreous china wall hung "lavatera ti" urinal with top inlet (code 705462) overall size 600 x 385 x 380mm. include 38mm c.p. domical grating , spreader with 20mm diameter thread and two hanger brackets including exposed (top inlet) flushvalve FJ6-000 flushmaster or similar approved anti-vac bottle trap plain 1 ½" x 40mm by dutton plastics or similar approved	No	4	
Carried Forward				R
Section No. 2 Bill No. 14 Plumbing and Drainage				

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
	<u>WASH HAND BASINS</u>		
39	WH01 Product code 703102, colour white, "Vaal" sanitary ware or similar approved fine fire clay, 550 x 400mm rectangular "springbok" basin with two tap holes (approved taphole stopper to be provided to left hand taphole), integrated overflow and chain stay hole. fitted to wall with semi concealed cast iron brackets code 8118Z0. *NB* GRADE R BASINS TO BE INSTALLED AT MAXIMUM 750mm HIGH	No	8
40	WH02 Product code 703102, colour white, "Vaal" sanitary ware or similar approved fine fire clay, 550 x 400mm rectangular "springbok" basin with two tap holes (approved taphole stopper to be provided to left hand taphole), integrated overflow and chain stay hole. fitted to wall with semi concealed cast iron brackets code 8118Z0. (Approved taphole stopper to be provided to left hand taphole)	No	2
	<u>SINKS</u>		
41	SW01 "Franke" or similar approved model "S2" stainless steel catering sink centre double bowl product code - 2620022- l - 1500 x w - 650mm, bowl manufactured from grade 304 stainless steel 1.2mm thick with a 150mm high integral splash back to the rear and right hand side, 50 x 10mm turndown with a beaded edge on the remaining sides. sink with a pressed 500 x 500 x 230mm deep bowl with a 40mm waste outlet . the underside to be sprayed with bitumastic sound deadening and supported with a 30 x 30 x 3mm framework and galvanised mild steel backing sheet. unit fixed 900mm high from the top of the front apron to the finish floor level with anchor bolts. unit to be provided with stainless slatted under shelf l - 1500mm w-420mm product code 2620044	No	1
Carried Forward			R
Section No. 2 Bill No. 14 Plumbing and Drainage			

**MBIZANA TRAFFIC DEPARTMENT
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Brought Forward			R
<u>MIXERS, TAPS ETC</u>			
42	<u>WH01</u> "Cobra" or similar approved chrome metering pillar tap product code km2-101 with cold index 12 " bsp male inlet sans 226 type 2	No	8
43	<u>WH02</u> "Cobra" or similar approved - 1 x elbow action 503-21b pillar tap with raised nose and blue indice, 41" turn ceramic disc 21" bsp male connection inlet sans 226 type 2	No	2
44	<u>SW01</u> "Cobra" star extended biptap 21" light pattern product code sku: 206ext-15	No	2
<u>WASTES, "P" TRAPS ETC</u>			
45	<u>SF03</u> Anti-vac bottle trap plain 1 ½" x 40mm by "Dutton Plastics" or similar approved	No	4
46	<u>Wash Hand Basin Waste</u> "Cobra" or similar approved, 301 slotted basin waste with plug, chain and stay 62mm diameter flange, 77mm long shank 1 41" bsp male outlet connection	No	10
47	<u>Wash Hand Basin Trap</u> "Cobra" or similar approved 350 - bottle trap, reseal bottle trap with telescopic basin connection pipe 1 41" bsp female inlet and 1 12" outlet regulator valves to be provided	No	10
48	<u>Sink Waste</u> "Franke" slotted sink waste with plug, 86mm diameter flange, 93mm long shank 1 21" bsp male outlet connection	No	2
49	<u>WC</u> Angle Valvles including flexi hose connectors	No	12
50	<u>Mixers</u> Angle valves including flexi hose connectors	No	10
Carried Forward			R
Section No. 2 Bill No. 14 Plumbing and Drainage			

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward			R
51	<u>Sinks</u> Angle valves including flexi hose connectors	No	4
	<u>ACCESSORIES</u>		
	Supply, deliver and install the following fittings		
52	<u>SD01</u> "Serra" or similar approved mild steel white powder coated lockable toilet roll dispenser to hold 3 rolls - colour white (to be confirmed with architect)	No	12
53	<u>SD02</u> "Franke" or similar approved surface mounted paper towel dispenser STRX600, manufactured from grade 304, 1.5mm stainless steel, satin finished with surface treatment. unit to be provided with cylinder lock and standard key capacity 300-400 towels depending on the type of folding	No	7
54	<u>SD03</u> "Franke" or similar approved surface mounted soap dispenser strx618, manufactured from grade 304, 1.5mm stainless steel, stain finished with surface treatment. Unit to have a replaceable and refillable 1 litre container which is suitable for liquid, antiseptic soap and a cylinder lock with standard key.	No	9
55	SA 01 Seaqual or similar approved wetfloor complete - 304 stainless steel 110 x 110 square hole grate - 50mm side outlet	No	4
56	SA 03 cobra or similar approved standard brass hose wall tap, gulley to be provided	No	1
57	<u>SB01</u> "Sera" or similar approved EVE MK2 sani bin colour white - 500mm closed height	No	8
58	<u>SB02</u> "Franke" or similar approved surface mounted waste bin STRX605 manufactured from grade 304 1.5mm stainless steel satin finished with surface treatment to be provided with cylinder lock and standard key capacity 34 Litres	No	8
Carried Forward			R
Section No. 2 Bill No. 14 Plumbing and Drainage			

59	Brought Forward <u>SA02</u> "Franke" stainless steel 5 litre hydro boil product code 2610009 including zip global plus water filtration kit complete to be provided along with all associated accessories No	1	R	
	Carried Forward to Summary of Section No. Section No. 2 Bill No. 14 Plumbing and Drainage		R	

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**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Item No		Quantity	Rate	Amount R
	<u>BILL NO. 16</u>			
	<u>PAINTWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Notes</u>			
	These Bills of Quantities are provisional and are only indicative of the actual final quantities required and should not be used for ordering purposes.			
	All paint used must be applied in strict accordance with manufacturer's instructions. Refer to Annexure M-Preambles.			
	<u>Protection</u>			
	The Sub-contractor will be required to protect his work during the course of construction, which protection shall be adequate for the purpose to the full approval of the Architect. Such protection shall only be removed on written instruction.			
	<u>Descriptions</u>			
	The description and dimensions of the following items are intended as a means of identifying the items only and are not intended as full descriptions. The Tenderer shall allow for all costs in his rates to satisfy the above requirements as no extras shall be entertained due to the Sub-contractors failure to do so.			
	<u>Paint Specification</u>			
	All painting shall be done in accordance with Architect's specifications unless otherwise described			
	All painting shall be done in accordance with Architect's specifications unless otherwise described			
	Carried Forward			
	Section No. 2 Bill No. 16 Paintwork			R

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
<u>Colours</u> Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091 <u>Guarantee</u> A Project Guarantee Request Sheet must be filled in and passed on to the relevant ICI Dulux representative. Please request this from your specifier consultant. The client/contractor must notify ICI Dulux TWO weeks prior to commencement of the project to facilitate the necessary QA. <u>PAINTWORK, ETC TO NEW WORK</u> <u>ON INTERNAL FLOATED PLASTER SURFACES</u> <u>Dulux, or similar approved, trade alkali-resistant plaster primer shall be applied, followed by two coats of approved "Trade Pure Acrylic Low Sheen PVA" paint, in accordance with the manufacturer's specifications. The colour of the paint shall be Inspired Neutrals Ebony Mists 5 - Night Jewels 5, with a sample to be provided for approval.</u>			
1	Internal walls	m ²	552
<u>ON EXTERNAL FLOATED PLASTER SURFACES</u> <u>Dulux, or similar approved, trade alkali-resistant plaster primer shall be applied, followed by two coats of approved "Dulux Wall Guard Premium Quality Exterior Coating" paint, in accordance with the manufacturer's specifications. The colour of the paint shall be Stonehenge Greige, with a sample to be provided for approval.</u>			
2	External walls	m ²	447
<u>ON PLASTERBOARD SURFACES</u>			
Carried Forward			R
Section No. 2 Bill No. 16 Paintwork			

MBIZANA TRAFFIC DEPARTMENT
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Brought Forward			R
<u>Apply one coat of undercoat Dulux, or similar approved, trade alkali-resistant primer, followed by two coats of Dulux, or similar approved, trade 65 matt paint, in compliance with SABS 634. The colour shall be white. Stainless steel clout nails shall be provided.</u>			
3	Internal Ceilings	m ²	105
4	Drywall	m ²	205
<u>ON WOOD</u>			
<u>Remove all particles and wipe surface clean of dust. Apply three (3) coats of "Kansai Plascon" or similar approved Suede Exterior Sunproof Varnish to door in strict accordance with the manufacturer's specifications. Lightly sand between coats using 240-grit sandpaper, allowing 24 hours drying time between each coat. Complete application in accordance with "Timbercare" instructions.</u> <u>Note: Remove all dust before recoating.</u>			
5	Doors	m ²	123
6	Doors frames, etc.	m ²	18
<u>Two coats oil wood primer</u>			
7	Backs of frames, linings, etc. not exceeding 300mm wide	m	66
<u>ON METAL</u>			
<u>Prepare and apply one coat galvanised iron primer, one coat "Dulux Trade Universal Undercoat" and two top coats "Dulux Pearlglow waterbased enamel" paint, in accordance with manufacturer's specifications</u>			
8	Door frames	m ²	14
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 16			
Paintwork			

**MBIZANA TRAFFIC DEPARTMENT
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Item No		Quantity	Rate	Amount R
	<u>BILL NO. 17</u>			
	<u>EXTERNAL WORKS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Specification</u>			
	Where BOQ item descriptions are in conflict with Engineers specification, S0000 "General Notes". Then the Engineers specification is to take preference.			
	<u>ROADS, PAVING, ETC.</u>			
	Note: All filling whether obtained from the stockpiles or an outside source must be approved by the Civil Engineer.			
	<u>EXCAVATIONS ETC</u>			
	Excavations to rip and recompact			
1	Rip and recompact 150mm layer insitu material, stabilize with 2% lime and compact to 93% MOD AASHTO.	m ³	75	
	<u>FILLING ETC</u>			
	Earth filling supplied by the contractor			
2	Filling of 150mm G5 material, minimum CBR of 45% compacted to 95% modified AASHTO density	m ³	75	
3	Filling of 150mm G2 material in accordance with SABS 1200 ME compacted to 98% modified AASHTO density. Max Size 37.5mm, PI<6.	m ³	75	
4	Filling of 25mm Umgeni sand	m ³	15	
	Carried Forward			R
	Section No. 2 Bill No. 17 External Works			

**MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES**

Brought Forward			R
<u>PAVING</u>			
5	60mm Thick Corobrik grey concrete paving with butt joints including sawcutting and laid to a stretcher bond pattern bedded on and including 50mm thick river sand	m ²	500
<u>KERBS</u>			
Recast concrete kerbs finished smooth on exposed surfaces, including bedding, jointing and pointing			
6	Fig 6 kerbs, laid flat and jointed in cement mortar (1:3) on and including haunching at back of each joint including excavation, backfilling etc.	m	176
7	Fig 12 kerbs, laid flat and jointed in cement mortar (1:3) on and including haunching at back of each joint including excavation, backfilling etc.	m	20
<u>CONTAINERS/MOBILE BUILDINGS</u>			
8	Allow for the relocation of existing containers/mobile buildings, to be positioned as per the client's approval. Building footprint measured off plan, refer to drawing SDP 01 Rev C for extent	m ²	162
<u>Headwall to be priced in accordance with the detail culvert detail in the engineers drawing No. 26018 Stormwater 201 Rev A - Detail 1.</u>			
<u>No further claims will be accepted for any items missed/not priced on the above mentioned drawing.</u>			
9	Construct Head wall complete as per engineer drawing 201 Rev A (Civil services). Pricing to include for Boulder scour protection, brick on edge brickwork, excavations, foundation & geotextile fabric etc.	No	1
Carried Forward to Summary of Section No.			R
Section No. 2			
Bill No. 17			
External Works			

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MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Item No		Quantity	Rate	Amount R
	<u>PROVISIONAL SUMS ETC</u>			
	Note : All provisional sums are <u>net</u> and <u>exclude</u> any builders discount.			
	The Employer reserves the right to execute any of the Provisional Sums / Allowances as described below as direct contracts. No claims will be entertained from the Principal Contractor in this eventuality.			
	<u>SERVICES INSTALLATIONS</u>			
	<u>The following sub-contract amounts are for work to be carried out by selected sub-contractors in terms of the Principal Building Agreement</u>			
	<u>Electrical Installation</u>			
1	Provide the amount of R409 000.00 (Four Hundred and Nine Thousand) for the electrical installation, executed complete	Item		409 000.00
2	Add for profit upon above, if required.		%	
3	Add for attendance upon above, if required.		%	
	<u>HVAC Installation</u>			
4	Provide the amount of R310 000.00 (Three Hundred and Ten Thousand) for air conditioning installation generally ventilation, executed complete	Item		310 000.00
5	Add for profit upon above, if required.		%	
6	Add for attendance upon above, if required.		%	
	<u>Fire Services Installation</u>			
7	Provide the amount of R109 000.00 (One Hundred and Nine Thousand) for installation of fire services, executed complete	Item		109 000.00
8	Add for profit upon above, if required.		%	
	Carried Forward		R	
	Section No. 3 Bill No. 1 Provisional Sums			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R	
9	Add for attendance upon above, if required.		%	
	<u>Fire Detection</u>			
10	Provide the amount of R100 000.00 (One Hundred Thousand) for fire detection	Item		100 000.00
11	Add for profit upon above, if required.		%	
12	Add for attendance upon above, if required.		%	
	<u>Wet Services Installation</u>			
13	Provide the amount of R31 000.00 (Thirty One Thousand) for installation of wet services, executed complete	Item		31 000.00
14	Add for profit upon above, if required.		%	
15	Add for attendance upon above, if required.		%	
	<u>SPECIALIST INSTALLATIONS</u>			
	Provide the following amounts for supply and installation of work as described			
	<u>Carpentry & Joinery Fittings</u>			
16	Provide the amount of R168 000.00 (One Hundred and Sixty Eight Thousand) for carpentry and joinery fittings, executed complete with ironmongery, counter tops, etc.	Item		168 000.00
17	Add for profit upon above, if required.		%	
18	Add for attendance upon above, if required.		%	
	<u>Road Markings</u>			
19	Provide the amount of R20 000.00 (Twenty Thousand) for road markings	Item		20 000.00
20	Add for profit upon above, if required.		%	
21	Add for attendance upon above, if required.		%	
	Carried Forward		R	
	Section No. 3			
	Bill No. 1			
	Provisional Sums			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
	<u>Landscaping</u>		
22	Provide the amount of R50 000.00 (Fifty Thousand) for landscaping	Item	50 000.00
23	Add for profit upon above, if required.	%	
24	Add for attendance upon above, if required.	%	
	<u>Elevated Water Tanks with Structural Steel Support</u>		
25	Provide the amount of R350 000.00 (Three Hundred and Fifty Thousand) for elevated water tank with structural steel support	Item	350 000.00
26	Add for profit upon above, if required.	%	
27	Add for attendance upon above, if required.	%	
	<u>BUDGETARY ALLOWANCES</u>		
	Note: Budgetary allowances listed below are for work to be executed by the Main Contractor and will be measured and evaluated in terms of rates submitted against similar items in these bills and in terms of the conditions of contract.		
	Note: These items are to be taken into account in the pricing of Preliminaries and General as they will not attract separate Preliminaries of their own.		
28	Provide the amount of R50 000.00 (Fifty Thousand) for builders work in connection to services	Item	50 000.00
29	Provide the amount of R20 000.00 (Twenty Thousand) for servicing of the septic tank	Item	20 000.00
30	Provide the amount of R10 000.00 (Ten Thousand) for tying into the existing conservancy tank	Item	10 000.00
31	Provide the amount of R72 000.00 (Seventy Two Thousand) for covering to roof eaves	Item	72 000.00
	Carried Forward		R
	Section No. 3 Bill No. 1 Provisional Sums		

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Brought Forward			R
32	Provide the amount of R20 000.00 (Twenty Thousand) for alterations to existing kitchen	Item	20 000.00
33	Provide the amount of R100 000.00 (One Hundred Thousand) for bulk earthworks due to sequencing	Item	100 000.00
34	Provide the amount of R40 000.00 (Forty Thousand) for a Community Liaison Officer	Item	40 000.00
35	Provide the amount of R150 000.00 (One Hundred and Fifty Thousand) for a Health & Safety consultant	Item	150 000.00
Carried to Final Summary			R
Section No. 3			
Bill No. 1			
Provisional Sums			

MBIZANA TRAFFIC DEPARTMENT
BILLS OF PROVISIONAL QUANTITIES

Section No	<u>FINAL SUMMARY</u>	Page No		Amount R
1	Preliminaries & General	67		
2	Builders Work	139		
3	Provisional Sums & Budgetary Allowances	143		
	Contingency 5%		R	
	SUB TOTAL		R	
	VAT		R	
	TOTAL INCLUSIVE OF VAT		R	
	TOTAL CARRIED TO FORM OF TENDER		R	

C3 SCOPE OF WORK

C3.1 Description of the Works

CONTENTS

1. EMPLOYER'S OBJECTIVES
2. OVERVIEW OF THE WORKS
3. EXTENT OF THE WORKS
4. LOCATION OF THE WORKS

1. EMPLOYER'S OBJECTIVES

ADDITIONS AND ALTERATIONS TO MBIZANA COMMUNITY SERVICE DEPARTMENT: DLTC

2. OVERVIEW OF THE WORKS

The Works are for the **ADDITIONS AND ALTERATIONS TO MBIZANA COMMUNITY SERVICE DEPARTMENT: DLTC**

3. EXTENT OF THE WORKS

New additions to existing offices comprising the following:

- 7 x offices
- 1 x boardroom
- 1 x filing room
- 7 x cashier terminals
- 1 x kitchen

New ablution block comprising of

- Male toilets
- Female toilets
- Disable toilet
- Storeroom

External works

- New paved parking and walkways
- New platforms
- New planter boxes and concrete ramp
- Landscaping
- Re- location of containers and park-homes

4. LOCATION OF THE WORKS

See attached locality map

C3.2 Construction

CONTENTS

1. APPLICABLE STANDARDISED SPECIFICATIONS
2. WAYLEAVES, PERMISSIONS AND PERMITS

1. APPLICABLE STANDARDISED SPECIFICATIONS

The "Model Preambles for Trades (2008 Edition)" recommended and published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in the Schedules of Rates and Bills of Quantities, with amendments as follows:

References to "Architect" in the Model Preambles are to be read as "Principal Agent".

Tenderers who are not familiar with the aforesaid "Model Preambles for Trades" are advised to obtain a copy thereof from The Association of South African Quantity Surveyors, P.O. Box 3527, Halfway House, 1685 - telephone (011) 315-4140, before a Tender is submitted.

2. WAYLEAVES, PERMISSIONS AND PERMITS

The Contractor shall be responsible for obtaining all of the necessary wayleaves, permissions or permits applicable to working near any existing services or other infrastructure on Site, and shall ensure that any wayleaves, permissions or permits obtained by the Employer's Agent prior to the award of the contract are transferred into the Contractor's name.

The Contractor shall abide by any conditions imposed by such wayleaves, permissions or permits.

The Contractor shall ensure that all wayleaves, permissions and permits are kept on site and are available for inspection by the relevant service authorities on demand.

The Contractor shall also ensure that any wayleaves in respect of electricity services are renewed timeously every three months.

C4 SITE INFORMATION

C4 Site Information

C4.1: CONDITIONS ON SITE

1 Nature of Ground

The nature of the ground varies from sandy material to hard rock, concrete or tarmac. The Bidder shall indemnify the Municipality against the cost of repairing any underground services damaged by the Bidder or his agents, while carrying out such excavations.

2 Spoil Material

No indiscriminate spoiling of material will be allowed. All unsuitable or surplus material shall be spoiled off site to a spoil site/municipal dump, chosen by the Contractor.

3 Finishing – off the Site

The site shall be finished-off in accordance with the specifications as well as to the requirements of all applicable environmental standards.

4 Existing Services

Although every effort has been made to depict existing services (water mains, electric cables, telephone cables etc.), as accurately as possible on the contract drawings, insofar as they are known, variations do arise and the Contractor shall exercise extreme care when working in the area. Items have been allowed in the Schedule of Quantities for dealing with and protecting services.

The Contractor shall take whatever precautions are required to protect these services from damage during the period of the Contract.

C4.2 Locality Plan



C5 ANNEXURES

[illegible]

PREPARED BY	REVIEWED BY	APPROVED BY	CLIENT REPRESENTATIVE
	SITE AGENT	CONTRACTS MANAGER	PROJECT ENGINEER

SUMMARY OF CONTENTS	
Section	Title
1	Introduction
2	Reference Documents
3	Definitions
4	Responsibilities
5	Objectives and Targets
6	Planning and procedures
7	Implementation of the Occupational Health and Safety Specification
8	Application of the Health and Safety Specification
	8.1 Compensation for Occupational Injury and Diseases
	8.2 Occupational Health and Safety Policy
	8.3 Hazard identification and Risk Assessment
	8.4 Health and Safety Committee
	8.5 Health and Safety Training
	8.6 General Record Keeping
	8.7 Incentives
	8.8 Penalties
	8.9 Emergency procedures
	8.10 Hazards and Potentially Hazardous Situations
	8.11 Personal Protective Equipment and Clothing
	8.12 Safety Signage
	8.13 Permits
	8.14 Contractors and Suppliers
9	Health and Safety in Practice
	9.1 Excavations
	9.2 Demolition
	9.3 Explosives and Blasting
	9.4 Stacking of materials and housekeeping
	9.5 Hazardous Chemical Substances
	9.6 Asbestos
	9.7 Plant and Machinery

ANNEXURES

A	Health and Safety Policy
B	Hazardous Task Identification
C	Risk Assessment
D	Induction
E	Toolbox talk
F	Audit Schedule

1 Introduction

Purpose and Scope

This document describes the procedure upon which the COMPANY shall comply with the requirements set out in the client's Health and Safety Specification.

This document defines the Management System that is implemented by the COMPANY for the management of Health and Safety on the project, which includes ensuring subcontractor compliance with the same standards.

The aim of this document is to present the safety aspects that will be controlled and managed on the project.

2 Reference Documents

- Occupational Health and Safety Act, (Act No. 85 of 1993)
- Compensation for Occupational Injury and Diseases Act.
- Client Health and Safety Specification.
- Construction Regulations 2003.
- The Construction Kit. (CD)

3 Definitions

The following definitions will apply to the Safety Management Plan, acronyms given hereunder shall apply:

Construction / Building Work (as defined by the Occupational Health and Safety Act: Construction Regulations 2003):

Means any work in connection with –

- a) The erection, maintenance, alteration, renovation, repair, demolition or dismantling of or an addition to a building or any similar structure;
- b) The installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling;
- c) The construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
- d) The moving of earth, clearing of land or making of an excavation or work on any similar type of work.

Hazard Identification and Risk Assessment and Risk Control (HRA)

Means a documented plan, which identifies hazards, assesses the risks and detailing the control measures and safe working procedures, which are to be used to mitigate and control the occurrence of hazards and risks during construction or operation phases.

Site

Means the area in the possession of the Contractor for the construction of the works. Where there is no demarcated boundary it will include all adjacent areas, which are reasonably required for the activities for the Contractor, and approved for such use by the Engineer and/or client.

The Act

Means, unless the context indicates otherwise, the Occupational Health and Safety Act, 1993 (ACT NO. 85 of 1993) and Regulations promulgated there under. **(OHSA)**

Hazard

Means a source of or exposure to danger (source which may cause injury or damage to persons, or property)

Risk

Means the probability or likelihood that a hazard can result in injury or damage.

Contractor's Responsible Person / s

Means any person appointed in writing by the Contractor to supervise construction or building work. The appointment shall be as required by the OHSA which shall stipulate health and safety responsibilities, area of responsibility and the proposed duration of the project.

Hazardous Chemical Substance (HCS)

Means any toxic, harmful, corrosive, irritant or asphyxiant substance, or a mixture or substances for which an occupational exposure limit is prescribed, or an occupational exposure limit is not prescribed, but which creates a hazard to health.

Construction Plant (TEM)

Encompasses all types of plant including but not limiting to, cranes, piling frames, boring machines, excavators, dewatering equipment and road vehicles with or without lifting equipment.

Contractor

Means "subcontractor".

Health and Safety Program

Encompasses The COMPANY safety planning spreadsheet.

Health and Safety Plan (HSP)

The content of this document which will be made available on site for inspection by an inspector, Technical Officer, Agent, subcontractor, employee, registered employee organisation, health and safety representative, or member of the health and safety committee.

Health and Safety File

Describes the safety file holding all records on health and safety for the project, which shall be available at all, times for evaluation, and copy of which will be forwarded to the client upon completion of the project.

Responsibilities

4.1 Notification of Intention to Commence Construction Work

The Provincial Director of the Department of Labour shall be notified by the appointed safety consultant to the COMPANY, immediately upon receipt of the Letter of Acceptance of project commencement in accordance with the following requirements:

- The demolition of a structure exceeding a height of 3 meters; or
- The use of explosives to perform construction work; or
- The dismantling of fixed plant at a height greater than 3 meters; or
- The work exceeds 30 days or will involve more than 300 person days of construction work; and
- Includes excavation work deeper than 1 meter; or
- Includes working at a height greater than 3 meters above ground or a landing.

A copy of the notification letter to the Provincial Director shall be forwarded to client for their records and shall be made available to an Inspector, Project Engineer or employee.

4.2 Assignment of Contractor's Responsible Persons to Supervise Health and Safety on Site

*The Contracts Manager and Site Agent shall ensure copies of all the appointment letters of the responsible persons appointed on site will be made available to the client and that all legal appointments shall be conducted in accordance with the requirements set out in the **OHSA** and Client specifications.*

The above shall also be imposed upon all subcontractors.

4.3 Safety Officer Appointment

A part-time Health and Safety consultant shall be appointed upon commencement of the project.

The safety officers shall be tasked with monthly inspections of the site, the results of which shall be forwarded to the client or his appointed representative.

4.4 Risk Assessment Competent Person

*The Project Manager shall appoint a competent person in writing at commencement of the project to control the risk assessment process on site. A copy of the risk assessment appointment is attached with duties and responsibilities defined.
(Annexure E)*

4.5 Competency for Contractor's Responsible Persons

The Project Manager acknowledges that all management personnel (responsible for health and safety) shall undergo a half-day Health and Safety Management Course, which is to be arranged and conducted by the appointed safety consultant prior to commencement of activities on site.

4.6 Health and Safety Representatives

At least one (1) Health and Safety Representative shall be nominated, elected and trained to carry out his / her functions in his / her area of responsibility. This will include areas where less than fifty (50) employees are engaged in activity. Employees elected shall be designated in writing for a specific area and period of time.

The designated persons shall conduct monthly inspections within their area of responsibility, the records shall be kept for auditing and that deviations recorded are reported to the responsible supervisor within the designated persons area so that appropriate action can be taken.

The designated person/s shall be permitted to participate in the Health and Safety Committee Meetings.

5 Objectives and targets

5. Compliance with the COMPANY Health and Safety Policy.
6. Everyone is responsible for organising accident prevention at his or her own level on site.
7. Safety training is important.
8. Prevention.
9. Working safely ensures your job.
10. The COMPANY management commits itself to the objectives and targets.
11. Disabling Injury Frequency Rate (DIFR) of 2.0 or less.
12. 90% compliance on monthly Health and Safety Audits.
13. Compliance with the legal requirements set out in the Occupational Health and Safety Act, Act 85 of 1993, (OHSA) and Regulations.
14. Compliance with the Client's Safety Specification for Construction.

6 Planning and Procedures

The procedures to be used for the project are to be in accordance with the Safety Manual in use in the COMPANY under the guidance of the appointed safety consultant.

The sub-headings covered under the Safety Manual are as follows:

1. Administration
2. Appointments
3. Safety Committees
4. Registers, checklists and permits
5. Incident Management
6. Emergency Planning
7. Contractors
8. Risk Assessments
9. Audits
10. Hazardous substance control
11. Training
12. Mining Requirements
13. Roads Requirements
14. Planning

7 Implementation of the Occupational Health and Safety Specification

The COMPANY is committed to implementing client specific safety specification on the project and is committed see that this forms an integral part of the project. It is our intention to make this specification part of other Contractors and Suppliers operating procedures.

8 Application of the Health and Safety Specification

8.1 Compensation of Occupational Injuries and Diseases Act, Act No. 130 of 1993 (COIDA)

The letter of good standing will be available on site for reference purposes as proof of good standing.

The COMPANY shall ensure all Contractors also comply with the above requirements defined in the COIDA.

8.2 Occupational Health and Safety Policy

The COMPANY Health and Safety Policy is attached for reference purposes.
(Annexure A)

8.3 Hazard Identification Risk Assessment

The Contract Manager shall ensure the Site Agent shall prior to the commencement of any construction work perform Hazard Identification, and the assessed risks shall form part of the health and safety plan applied on site.

A copy of the HRA shall be made available for viewing to the client.

The Site Agent shall ensure that all HRA's conducted will be conveyed to all personnel and contractors through the site training program and that these training sessions will be presented by the competent person regarding the hazard and related work procedures before any work commences.

The HRA Team that will be established will comprise members as follows:

- Health and Safety Representative(s),
- Health and Safety Committee Member(s)
- Management Representative / Site Agent

Attached in the form of **Annexure C and D**, the Hazardous Task Identification and (HTI) and format of the Risk Assessment (RA) is included.

Method statements form part of the Risk Process and will be conducted in accordance with the Risk Process described above.

Based on the activities carried out on all projects Hazard Investigation and Risk Assessments (HRA's) will be done. Examples of which are:

- Site Establishment
- Demolition works
- Excavation
- Concrete works
- Lifting operations
- Hand held tools
- Motorised Equipment

8.4 Health and Safety Committee

The Project shall convene a health and safety committee meeting monthly. All members required to be in attendance shall be notified of such meeting by means of a formal agenda.

The Site Agent shall ensure an attendance register and minutes are kept for auditing purposes, and that a copy of the minutes be circulated to all members in attendance well before convening the next meeting and within 7 days, a copy of the minutes will be forwarded to the project engineer.

Members of the committee shall include the following and are not limited to:

- Safety Consultant. (When available)
- Contractor's site representative. (Supervisory level)
- Contractor's site representatives. (Operating level)
- Project Engineer nominated representative. (Co-opted status)

8.5 Health and Safety Training

Training of personnel is a legal requirement and a necessity and is acknowledged as such. The Training Planning Matrix shall be provided upon request.

8.5.1 Induction

Training

Induction training shall be attended with the Client as well as The COMPANY Induction program requirements and records of attendance kept to prove the same.

The COMPANY Induction format is attached for reference purposes.
(Annexure E)

8.5.2 Awareness Training

Weekly awareness training shall be conducted using the COMPANY Toolbox Talk documents, which shall be conducted by the site supervisors.
(Annexure F)

8.5.3 Competency

Training identified through the Risk Assessment Process and conducted through this process shall be kept on file as proof of competency and training.
(This may include operators)

8.5.4 First Aid and Health & Safety Representative Training

All safety representatives elected and designated, including first aiders, shall be trained should they not already be in possession of a valid certificate of training proving competence.

8.6 General Record Keeping

The Site Agent shall ensure that all the Health and Safety records, required by both the Occupational Health and Safety Act, 85 of 1993 and Regulations are kept for reference purposes and auditing.

Further to the requirements set out above, the Site Agent will also maintain records that may be defined through the risk assessment process, for auditing purposes.

In accordance with the requirements set out in the Construction Regulations 2003 and the

requirement set out in Client Specification the Site Agent shall ensure that a copy of all Health and Safety records generated during the course of construction, be handed over to the Project Engineer upon completion of construction.

8.6.1 Statistics

The Site Agent shall ensure injury and incident records (Near Hits, First Aid, Medical cases, **Disabling Lost Time Incidents**), **training etc. referred to above are kept on site**. All documents shall be made available to the client for inspection including the Department of Labour's Inspectors as required by the Occupational Health and Safety Act, 85 of 1993.

The statistics formula as listed below shall be adhered to.

DIFR (Disabling Injury Frequency Rate) $\frac{DI's \times 1\,000\,000}{\text{Man-hours}}$

DISR (Disabling Injury Severity Rate) $\frac{\text{Days Lost} \times 1\,000}{\text{Man-hours}}$

8.6.2 General Inspection, Monitoring and Reporting

The COMPANY shall comply with the requirements set out by the client. We have attached a safety management plan upon which the dates of inspections and training and awareness will be entered, conducted and monitored.

The COMPANY shall keep all records of inspections and investigations undertaken during the contract for the specified legal period as defined in the OHSA and Regulations.

8.6.3 Internal Audits

Internal audits shall be conducted a minimum once per month by the project engineer, as well as the appointed safety consultant.

The Results shall be tabled and discussed at the Health and Safety Committee meetings.

The Audits to be conducted by the appointed safety consultant, shall be conducted on the audit schedule attached as per **Annexure G**.

Records of the audits shall be forwarded to the Project Engineer and shall be filed on site for reference purposes.

8.7 Incentives

No incentive scheme is being identified unless required by the client.

8.8 Penalties

Non-compliance with the client safety specifications can result in work stoppages and possible expulsion from site until the problem has been remedied including costs.

8.9

8.10 Emergency

Procedures

The Site Agent shall make available to the Project Engineer a detailed Emergency Plan to tie into the evacuation plan already in place on the client's premises.

8.10.1 First Aid Box and Contents

The Site Agent shall ensure that all working areas are adequately provided with first aid attendants whether there are fifty (50) employees or less engaged on the contract. The First Aid attendant shall be trained in accordance with the requirements set out in the OHSA with recognised and accredited service providers as defined above. Proof of training attended (certificate) shall be attached to the written acceptance of appointment. It will be the first aid attendant's responsibility to ensure the contents of the first aid boxes are monitored and inspections recorded on the contents of the first aid box register.

The first aid box shall be adequately stocked by The COMPANY at all times and will be accessible to all.

Accident and Incident Reporting and Investigation

Should accident investigation need to be conducted, the Project Manager shall appoint a competent person in writing to conduct the said investigation. The procedure to be followed will be in accordance with the OHSA requirement on the Annexure 1 – Recording and Investigation of Incident form.

The Site Agent shall ensure that the results of all investigations are communicated to the employees engaged through incident recall and prescribed meetings. The Site Agent shall ensure that the investigations are kept for record purposes in accordance with the prescribed requirements set out in the OHSA and the company specific procedures.

Should there be an incident, the Project Engineer shall be notified within 48-hours if required by the client, of the occurrence. It is acknowledged that the client reserves the right to participate in all investigations into accidents or incidents.

8.11 Hazards and Potentially Hazardous Situations

The Site Agent shall ensure that all other contractors or contractors are warned of hazardous or potentially hazardous situations, which may prevent them from effectively performing their duties, which includes the placement of adequate warning signs.

8.12 Personal Protective Equipment and Clothing

The COMPANY shall comply with OHSA requirements to provide PPE.

The Site Agent shall through the Risk Assessment process identify the specific PPE needs per activity and then issue the PPE accordingly. (Reference to the OHSA General Safety Regulation 2 – Employer to provide Personal Protective Equipment)

Should PPE be lost or stolen, then the employee will be issued with a new set of PPE.

Should PPE be worn out or damaged, the user shall return the worn or damaged PPE and will be issued with a replacement set. Training in the use of this shall be provided. Overalls and hardhats shall be identifiable. (Principal Contractor different from the contractors)

PPE shall be provided to visitors as well.

8.13 Safety Signage

The Site Agent in conjunction with the appointed safety consultant shall assess the Health and Safety Signage requirement in conjunction with the Risk Assessments conducted and will place the signage at strategic positions on the site works.

The COMPANY shall also maintain the signage to ensure its effectiveness at all times and under all conditions. Signage, which cannot be repaired, shall be replaced.

8.14 Permits

- The COMPANY shall ensure that access to site works is restricted to construction personnel.
- All attempts will be made to restrict spectator access.
- Access to the site shall be by the Project Engineers (Clients) authorisation on the prescribed form. (Permits and ID cards shall be issued by the client)
- Special permits for hot work and isolation permits shall be applied for to the Project Engineer prior to commencing with the activity.

8.15 Contractors and Suppliers

The Site Agent shall enter into an Agreement with Mandatary in terms of Section 37(2) of the Occupational Health and Safety Act, 85 of 1993, with all contractors appointed by The COMPANY is entered into.

The Contracts Manager will ensure the contractors are issued with the Client Safety Specification where reasonably practicable including any the COMPANY contractor pack for the project, should they not be contained in the Client Safety Specification.

The COMPANY shall assist and ensure the contractors engaged comply with all of these requirements and adhere to the requirements set out in the OHSA.

Contractors will be stopped from working in the event of unsafe conditions and activities being observed.

All contractors shall be covered by the COMPANY Safety Plan and will be issued the same.

9 Health and Safety in Practice

9.1 Excavations

The Site Agent shall ensure that all activities involving excavations, shoring, dewatering or drainage, a safe working procedure is submitted to the project engineer for approval prior to work commencing. Excavation work exceeding the specified depth as stipulated in the OHSA regulations, shall comply with the following requirements:

- (a) The excavations are inspected before the shift starts, after heavy rain (inclement weather) and after any major condition which may effect the excavations stability and the findings are to be recorded and kept;
- (b) All excavations regardless of the depth shall be adequately barricaded to prevent persons falling into the excavation;
- (c) The safe working procedure shall be communicated to all employees who may be effected by the work; and
- (d) The safe working procedures shall be enforced and maintained by the appointed excavation supervisor at all times.
- (e)

- (f) For high-risk activities, all personnel working in the excavation shall be attached by means of a lifeline.
- (g) Material excavated shall be removed from the point of excavation.
- (h) Ensure stability of adjoining structures.

9.2 Demolition

No demolition work is being envisaged on this project.

9.3 Explosives and Blasting

No blasting activities are envisaged on this project.

9.4 Stacking of Materials and Housekeeping

The Site Agent shall ensure that all stacking will be supervised by a person competent to supervise over the activities, and that clearly defined and allocated storage areas are provided for and identified, and that materials being stored within this area are stacked in accordance with sound stacking principles of sort-by-sort, access to be maintained, level surface, and the height will not exceed three times the base width.

Housekeeping shall be maintained in accordance with the client requirements at all times.

Hazardous Chemical Substances

The Site Agent shall ensure the necessary training and information regarding the use and storage of HCS is provided, and that the use and storage of HCS is carried out as prescribed by the HCS Regulations.

Furthermore, the Site Agent shall ensure that all chemicals brought to site have a Material Safety Data Sheet (MSDS) and the users are made aware of the Occupational hazards and precautions that need to be taken when using the chemical.

The First Aider shall be made aware of the MSDS and how to treat HCS incidents appropriately.

Access to all HCS records shall be afforded to the project engineer at all times.

9.4.1 Fuel / Diesel

- Bulk storage areas shall be demarcated, secured and sign posted with the relevant warning pictograms.
- Bulk storage areas shall be bunded.
- Re-fuelling shall be conducted in designated re-fuelling areas only.
- Spill-kits shall be available at all times in these designated areas.
- The surface of the bunded areas and walls shall be of impermeable material.
- The bunded area shall be sloped towards a collection pit.

9.5 Asbestos

No asbestos is to be used on this Project.

9.6 Plant and Machinery

9.6.1 Construction Plant

- All plant shall comply with the OHS Act requirements in relation to operation and maintenance thereof.
- Service and maintenance of the vehicles shall be of a high standard at all times.
- All plant shall subject to design be fitted with back-up alarms and audible indicating devices.
- The COMPANY shall ensure that all construction plants moving parts are adequately protected.
- Pre-start inspections shall be conducted on all motorised equipment daily, deviations of such inspections shall be recorded.
- Construction plant identified for use shall be operated by a trained and authorised operator.
- All construction plant shall be operated under the direct supervision of a person competent to identify potential hazards in the work he is conducting.
- Work involving the use of construction plant shall be conducted in accordance with an approved Risk Assessment.
- The Site Agent shall ensure all operators are equipped with the necessary PPE namely; safety shoes, overall, safety glasses, and gloves.
- Plant shall be fitted with an extinguisher where practicable.
- Washing shall be conducted in the designated washing areas.

The COMPANY shall ensure the all equipment moving to and from site is adequately secured, and that all contractors abide by this requirement.

9.6.2 Transport of Personnel

- Safe vehicular transport shall be provided for personnel working on the project to the workplace, which shall include proper seating, side restraints and cover.
- No personnel shall be permitted to travel on any plant or equipment on the site works.
- Road safety principles shall be adhered to on and off site.

9.6.3 Vessels under Pressure (VuP) or Gas Bottles

The COMPANY shall ensure they comply at all times with the requirements of Vessels under Pressure Regulations, with specific reference to the following:

- Ensuring all Equipment owned and hired-in Vessels under pressure, comply with the 36-month pressure vessel inspection, and a certificate of testing is available on site.
- Ensuring that all personnel who shall use this equipment are competent and trained.
- Ensuring the users of this equipment are issued with the required PPE.
- Ensuring the area is adequately identified as a noise area and warnings are posted.
- Ensuring daily pre-start inspections are carried out on all the equipment and the findings recorded.
- Ensuring the correct fire prevention and fighting equipment is available at all times.
- Noise levels where possible shall be kept within reasonable operating norms.

9.6.4 Fire Equipment

The Site Agent shall ensure the following all fire equipment to be used on site comply with the following:

- Extinguishers shall be placed in positions to ensure fast and easy access is maintained at all times.
- Placement of all extinguishers shall be depicted with the required pictograms.
- Extinguishers shall be serviced once annually, and after discharge or visible signs of depressurization.
- The Site Agent shall ensure all employees are adequately trained in the safe use of the extinguishers.
- The Site Agent shall ensure a person is appointed to inspect the extinguishers on a monthly basis and the results of which are to be entered into a register designed for that purpose.

9.6.5 Hired Plant and Machinery

The Site Agent shall ensure the following criteria is adhered to when considering hired plant and machinery:

- Only approved hire companies shall supply equipment to the site.
- Hired plant shall be checked for safety compliance prior to being accepted for use on site.
- Should hired equipment be accompanied by an operator, The COMPANY shall ensure that the operators competency be verified and the operator undergo an induction training session.
- The Site Agent shall ensure the operators of hired plant attend weekly toolbox talks in conjunction with The COMPANY site personnel.
- The Site Agent shall ensure that all operators are equipped with the required PPE before commencing work on site.

9.6.6 Scaffolding / Working at heights / Fall Protection

Work involving scaffolding and work at heights shall comply with the requirements set out in the Construction regulations 2003 pertaining to these activities with reference to the SABS 085 code of practice.

Fall protection planning shall be done in conjunction with the risk assessment process.

All scaffolds shall be erected under the control of a person trained and appointed to conduct such scaffold erection.

9.6.7 Falsework / Formwork for Structures

Work involving scaffolding and work at heights shall comply with the requirements set out in the Construction regulations 2003 pertaining to these activities with reference to the SABS 085 code of practice.

9.6.8 Lifting Machinery and Tackle

The Site Agent shall ensure that the use of Lifting Machinery and Tackle is done in accordance with the requirements of the Regulations, which include but is not limited to the following:

- Lifting machinery and tackle to be used on site shall be marked with the Maximum Mass Load (MML), which is the safe limit in which the equipment may be used.
-

- Inspections on Lifting Machines and Lifting Tackle shall be inspected once per month on the register provided and the findings recorded.
- Daily pre-start checks shall also be conducted on all Lifting Machinery and Tackle.
- Records shall be kept of all lifting machinery and tackle inspections and Load Tests.
- Load tests shall be conducted a minimum of once per annum, and a certificate of compliance shall be kept on record.
- A valid logbook shall be maintained for all lifting machinery, which will comply with a minimum six-monthly service and maintenance.
- Lifting machinery shall be operated under supervision at all times with a trained banksman who shall inspect all tackle before each lift.
- All lifting equipment operators shall be trained once every two years and a copy of such training shall be attached to the appointment, which is to be made on site.
- The Operators shall be tested for medical fitness.

9.6.9 Ladders and Ladder Work

The following requirements shall be complied with regarding Ladders and Ladder work:

- Ladders shall be clearly numbered, and inspected on the register provided.
- A competent person shall be identified and appointed as the ladder inspector.
- Where aluminium ladders cannot be used, then wooden ladders shall be straight grained, unpainted to allow for proper inspection of the grain for cracking.
- Ladders shall be secured at the top and chocked at the base to prevent slipping.
- Where chocking of the base is not possible, then the user shall ensure that the ladder is held in position by another employee when ascending the ladder.
- Ladders shall be inspected a minimum once per month by the person appointed as the ladder inspector.
- Proper storage shall be provided for all ladders when not in use.

9.6.10 General Machinery

In accordance with General Machinery Regulation 2(1), The COMPANY shall:

- Ensure a competent person be appointed as defined in the above clause from the Occupational Health and Safety Act, 85 of 1993 and Regulations, to service and maintain all machinery in use on site.
- The COMPANY shall appoint additional competent persons to assist the competent person mentioned above in accordance with General Machinery Regulation 2(7)(a), as and when required.
- The COMPANY shall ensure that records are maintained of all services conducted.

9.6.11 Lighting and Power

The Site Agent shall ensure lighting circuits and power circuits are fitted with suitable earth leakage systems in accordance with the client, which will include the following activities:

- Earth leakage system will be tested monthly.
- Malfunctions shall be repaired immediately or replaced.
- Lighting shall be so positioned as not to interfere with construction activities.

9.6.12 Portable Electrical Tools / Explosive Power Tools

The Site Agent shall ensure the following procedure is adhered to regarding Portable Electrical Tools and Explosive Powered tools:

- Minimum compliance with legislation.
- Only competent persons shall be permitted to conduct routine and monthly inspections on the equipment.
- Persons competent to inspect the equipment shall be appointed in writing.
- Persons who are trained to operate such equipment shall be appointed and shall be the only authorised person to operate the equipment.
- The Site Agent shall ensure operation of the equipment is in accordance with the approved Risk Assessment and Safe Working Procedure set out.
- All users shall undergo regular awareness training to ensure compliance.
- The Site Agent shall ensure the required PPE and clothing is provided and maintained.

9.6.13 Public Health and Safety

In the interests of public safety, The COMPANY shall ensure that all persons who may be affected by the work being conducted on site are informed and kept aware of the dangers, which may arise from the work being conducted on site.

This awareness shall be in the form of posters and inductions for visitors to site and warning signs.

9.6.14 Night Work

Night work shall only be conducted upon approval of the project engineer, with the same safety standard being applied for these activities as with day work activities.

9.6.15 Facilities for Safe Keeping / eating areas

The COMPANY shall ensure that adequate facility is provided for the personnel on site. The area shall be provide the following:

- Sufficient seating;
- Seating under cover;
- Protected change room;
- Toilets.
- Hand wash facility.
- Potable water.

No food preparation shall be conducted on site and designated eating areas will be made to allow adequate seating.

Waste bins shall be strategically placed and cleared regularly.

HAZARDOUS TASK IDENTIFICATION (HTI)													
Ser no:	INFORMATION REQUIRED	DETAILS								SIGNATURE	Key Table		
1	Name of contract:										0=	NONE	
2	Date prepared:										1=	LOW	
3	Prepared by:										2=	MEDIUM	
4	Name of person approving:										3=	HIGH	
Risk Assessment (RA) Code	LIST OF ALL STANDARD TASKS	What is the future potential that this task can cause further....								Total Score	Rating	Doc Required	
		Is it a new or unusual task?	Is it a dangerous task?	Personal injury	Health risk	Impact on the environment	Property damage	Fire	Has the task caused previous injury / loss?	Yes = 3 / No = 0	0 - 7 Low risk, 8 - 17 Med risk, 18 -24 High risk	RA - Risk assessment, MST - Method statement	
RA-1	Site clearing - manual labour & small tools	1	1	1	1	1	1	1	0	7	LOW RISK	MST	
RA-2	Site clearing - using mechanical means									0	LOW RISK	MST	
RA-3	Site establishment - FSM erection / dismantling									0	LOW RISK	MST	
RA-4	Site establishment - Container store / office offload									0	LOW RISK	MST	
RA-5	Excavations - using manual labour									0	LOW RISK	MST	
RA-6	Excavations using motorised plan									0	LOW RISK	MST	
RA-7	Excavations - working inside < 1.5 metres									0	LOW RISK	MST	
RA-8	Excavations - working inside > 1.5 metres									0	LOW RISK	MST	
RA-9	Batching plants - erection / dismantle									0	LOW RISK	MST	
RA-10	Batching plants - general working and operation									0	LOW RISK	MST	
RA-11	Concrete mixing - using manual labour									0	LOW RISK	MST	
RA-12	Concrete mixing - using mechanical means									0	LOW RISK	MST	
RA-13	Concrete pours - using lifting machinery (Cranes etc)									0	LOW RISK	MST	
RA-14	Concrete pours - using motorised plant (dumpers etc)									0	LOW RISK	MST	
RA-15	Concrete pours - using mechanical pump									0	LOW RISK	MST	
RA-16	Lifting Equipment - Tower crane erection / dismantle									0	LOW RISK	MST	
RA-17	Lifting Equipment - Tower crane operation									0	LOW RISK	MST	
RA-18	Lifting Equipment - Mobile crane operation									0	LOW RISK	MST	
RA-19	Lifting Equipment - Telescopic handler operation									0	LOW RISK	MST	
RA-20	Lifting Equipment - Forklift operation									0	LOW RISK	MST	
RA-21	Lifting Equipment - using lifting tackle									0	LOW RISK	MST	
RA-22	Formwork - general erection / dismantling									0	LOW RISK	MST	
RA-23	Formwork - lifting and placing large panels									0	LOW RISK	MST	
RA-24	Formwork - work on support decks									0	LOW RISK	MST	
RA-25	Scaffolding - erect / dismantle small scaffolds < 2 m									0	LOW RISK	MST	
RA-26	Scaffolding - erect / dismantle large scaffolds > 2 m									0	LOW RISK	MST	
RA-27	Scaffolding - use of mobile scaffolds									0	LOW RISK	MST	
RA-28	Scaffolding - dismantling of scaffolding									0	LOW RISK	MST	
RA-29	Demolition - using small electric breakers									0	LOW RISK	MST	
RA-30	Demolition - using compressed air breakers									0	LOW RISK	MST	
RA-31	Demolition - using motorised mechanical means									0	LOW RISK	MST	
RA-31	Demolition - using explosives / blasting operations									0	LOW RISK	MST	
RA-33	Trades - Brickwork operations									0	LOW RISK	MST	
RA-34	Trades - Plastering operations									0	LOW RISK	MST	
RA-35	Trades - Painting operations									0	LOW RISK	MST	
RA-36	Trades - Ceiling operations									0	LOW RISK	MST	
RA-37	Trades - Roofing installations									0	LOW RISK	MST	
RA-38	Trades - glazing installations									0	LOW RISK	MST	
RA-39	Trades - Tiling operations									0	LOW RISK	MST	
RA-40	Trades - carpentry (Doors / windows)									0	LOW RISK	MST	
RA-41	Trades - Metal work (Doors / windows)									0	LOW RISK	MST	
RA-42	Trades - Steel erection									0	LOW RISK	MST	
RA-43	Trades - plumbing									0	LOW RISK	MST	
													

[illegible]

C5. PARTICULAR SPECIFICATION

SAFETY INDUCTION		
OHS Act 85 of 1993 Sections 8 & 14		
Requirements: Every employer is required to take all reasonable measures to ensure that the requirements of the OHS Act, and regulations are observed. The general duties of employees are to carry out lawful instructions and to obey the Company's safety rules and procedures prepared in accordance with the provisions of the Act and Regulations. For this process to begin and to be formalized it is necessary for all employees to be formally inducted into the safety procedures and the completion thereof, formally acknowledged by both employer and employee.		
ITEM COVERED	DONE YES/NO	REMARKS
Explain Company Policy / Site Safety Rules Provide copies of same		
Explain Section 14 of the Act		
Explain the use of Personal protective Equipment and procedures. Re: Issuing and maintenance		
Explain the meaning of symbolic signs		
Explain the procedure in the event of injury		
Explain the use of facilities and toilets		
Explain the danger of moving machinery. (DUMPER, MIXER, SKILLSAW, GRINDER Etc.)		
Explain the danger of hazardous substances (PETROL, DIESEL, OIL, GAS, PAINT Etc.)		
Explain specific Job Duties and Requirements		
Introduce : Supervisor, safety Representatives, First Aider		
<i>This confirms that the above named acknowledges that he/she has been instructed in the safety items listed above and has received the necessary protective clothing / equipment to use in the performance of his/her work.</i>		
<u>INDUCTION OFFICER / TRAINER</u>		
Signature	Designation	Date
<u>ACCEPTANCE</u>		
I, _____ hereby acknowledge receipt of and accept and understand the requirements of this induction.		
Signature	Designation	Date
		

C5. PARTICULAR SPECIFICATION

MEASUREMENT AND PAYMENT

Payment for the Contractor's obligations in respect of the Occupational Health and Safety Act and Construction Regulations shall be made through two payment items described below. The two payment items together shall include full compensation for all personnel (including a dedicated full time Construction Safety Officer), costs and incidentals in respect of compliance with and enforcement of the Health and Safety specifications, which shall include for the compilation, presentation, implementation and maintenance of the site Health and Safety Plan as contemplated in Regulation 5 of the Construction Regulations.

In Bidding rates for the three items the Contractor shall ensure that the sum of the amounts for the two items shall not be less than one percent (1%) of the Bid Amount.

<u>Item</u>		<u>Unit</u>
AH.14.1	Prepare of risk assessment, safe work procedures, the project H & S file, plan, the provision of PPE and protection clothing and any other H & s matters that the contractor deems necessary	Lump Sum

The full amount will be paid in one instalment only once:-

- (a) The Contractor has notified the Provincial Director of the Department of Labour in writing of the project.
- (b) The Contractor has made the required initial Appointments of Employees and Sub-Contractors
- (c) The Client has approved the Contractors Health and Safety plan
- (d) The Contractor has set up his/her Health and Safety file

<u>Item</u>		<u>Unit</u>
AH.14.2	Full compliance with all H & S matters during the construction of the works under the contract	Lump Sum

Payment shall be effected as follows only after payment for Item AH.14.1 has been made.

Payment of incremental amounts (calculated by the division of the remainder of the Bided sum by the number of months remaining for completion of the works will be authorised in each of the subsequent progress certificates until the Bided sum has been paid.



SCHEDULE A

NOTIFICATION OF CONSTRUCTION WORK
Regulation 3 of the Construction Regulations, 2003

1. (a) Name and postal address of principal Contractor:

.....
.....
.....

- (b) Name and telephone number of principal Contractor's contact person:

.....
.....

2. Principal Contractor's compensation registration number:

.....

3. (a) Name and postal address of Client:

.....
.....
.....

- (b) Name and telephone number of Client's contact person or agent:

.....
.....

4. (a) Name and postal address of designer(s) for the project:

.....
.....
.....

- (b) Name and telephone number of designer's contact person:

.....
.....

C5. PARTICULAR SPECIFICATION

5. Name and telephone number of principal Contractor's construction supervisor on site appointed in terms of regulations 6 (1):

.....
.....

6. Name/s of principal Contractor's sub-ordinate supervisors on site appointed in terms of regulation 6 (2):

.....

7. Exact physical address of the construction site or site office:

.....
.....
.....

8. Nature of the construction work:

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.....
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.....
.....

9. Expected commencement date:

.....

10. Expected completion date:

.....

11. Estimated maximum number of persons on the construction site:

.....

12. Planned number of Contractors on the construction site accountable to principal Contractor:

.....

13. Name(s) of Contractors already chosen:

.....

C5. PARTICULAR SPECIFICATION

.....
.....

.....
Principal Contractor

.....
Date

.....
Client

.....
Date

- *This document is to be forwarded to the Office of the Department of Labour **prior to commencement of work** on site.*
- ***All Principal Contractors** that qualify to notify must do so even if another Principal Contractor on the Same site had done so prior to the commencement of work.*

SCHEDULE B

FORM OHS1: OCCUPATIONAL HEALTH AND SAFETY

1. HEALTH AND SAFETY POLICY

- (a) Can a copy of current health and safety policy including procedures for risk assessment be supplied. Yes ☐ No ☐
- (b) Please give full reasons, on a separate sheet, if the health and safety policy cannot be provided

2. HEALTH AND SAFETY ADVICE

Do you

- (a) Employ a full time health and safety advisor? Yes ☐ No ☐
- (b) Use the services of a health and safety consultant? Yes ☐ No ☐
- (c) Have access to the services of a health and safety group? Yes ☐ No ☐

3. ACCIDENT AND INCIDENT STATISTICS

- (a) Have any dangerous occurrences been reported within the last three years? Yes ☐ No ☐
If yes, please give brief details:
- (b) Has any employee or persons under your control been fatally injured at work within the last three years? Yes ☐ No ☐
If Yes, please give brief details:

BIDDER:

SCHEDULE C

FORM OHS2: OCCUPATIONAL HEALTH AND SAFETY:
STATEMENT BY CONTRACTOR

I,.....duly authorised to represent

.....
(Company name)

in my capacity as
hereby confirm that I accept full and exclusive responsibility for compliance by myself and all persons
who perform work for me with the provisions of the Occupational Health and Safety Act, No. 85 of 1993
(as amended) and all regulations promulgated from time to time, whilst performing work on
.....

.....
.....
.....

I confirm that all employees who perform work on the site shall be properly trained to do this in a manner
which is safe and without risk to health and safety to themselves and others in the vicinity and undertake to
have our activities adequately supervised in the interest of health and safety.

BIDDER:

SCHEDULE D
RECORDS TO BE KEPT ON SITE

ITEM	CR	RECORD TO BE KEPT	RESPONSIBLE PERSON
1.	3(3)	Notification to Provincial Director –Schedule A Available on site	Principal Contractor
2.	4(3)	Copy of Principal Contractor's Health & Safety Plan Available on request	Client (Consultant)
3.	5(6)	Copy of Principal Contractor's Health & Safety Plan As well as each Contractor's Health & Safety Plan Available on request	Principal Contractor
4.	5(7)	Health & Safety File opened and kept on site (including all documentation-required i.t.o. OHSA & Regulations Available on request	Contractor
5.	5(8)	Consolidated Health & Safety File handed to Client on completion of Construction work. To include all documentation required i.t.o. OHSA & Regulations and records of all drawings, designs, materials used and similar information on the structure.	Principal Contractor
6.	5(9)	Comprehensive and Updated List of all Contractors on site, the agreements between the parties and the work being done Included in Health & Safety file and available on request	Principal Contractor
7.	6(7)	Keep record on the Health & safety File of the input by Construction Safety Officer [CR 6 (6)] at design stage or on the Health & Safety Plan	Contractor
8.	7(2)	Risk Assessment Available on site for inspection	Contractor
9.	7(9)	Proof of Health & Safety Induction Training	Every Employee on site
10.	8(3)	Construction Supervisor [CR 6 (1)] has latest updated version of Fall Protection Plan [CR 8 (1)]	Contractor
11.	9(2)(b)	Inform Contractor in writing of dangers and hazards relating to construction work	Designer of Structure
12.	9(3)	All drawings pertaining to the design of structure On site available for inspection	Contractor
13.	9(4)	Record of inspection of the structure [First 2 years –once every 6 months, thereafter yearly]	Owner of Structure
14.	9(5)	Maintenance records –safety of structure Available on request	Owner of Structure
15.	10(1)(d)	Drawings pertaining to the design of formwork/support work structure Kept on site, available on request	Contractor
16.	11(3)(h)	Record of excavation inspection On site available on request	Contractor
17.	15(11)	Suspended Platform inspection and performance test records Kept on site available on request	Contractor
18.	17(8)(c)	Material Hoist daily inspection entered and signed in record book kept on the premises	Contractor
19.	17(8)(d)	Maintenance records for Material Hoist Available on site	Contractor
20.	18(9)	Records of Batch Plant maintenance and repairs On site available for inspection	Contractor
21.	19(2)(g)(ii)	Issuing and collection of cartridges and nails or studs (Explosive Powered Tools) recorded in register recipient signed for receipt as well as return	Contractor
22.	21(1)(d)	Findings of daily inspections (prior to use) of Construction Vehicles and Mobile Plant	Contractor
23.	22(d)	Record of temporary electrical installation inspections [once a week] and electrical machinery [daily before use] in a register and kept on site	Contractor

SCHEDULE E**OCCUPATIONAL HEALTH AND SAFETY: AUDIT SYSTEM****1. ADMINISTRATIVE & LEGAL REQUIREMENTS**

Section/ Regulation	Subject	Requirements	1.1.1.2
Construction. Regulation 3	Notice of carrying out Construction work	Department of Labour notified Copy of Notice available on Site	
General Admin. Regulation 3	Copy of OH&S Act (Act 85 of 1993)	Updated copy of Act & Regulations on site Readily available for perusal by employees	
COID Act Section 80	Registration with Compens. Insurer	Written proof of registration / Letter of good standing available on Site	
Construction. Regulation 4 & 5(1)	OH&S Specification & Plan	H&S Specification received from Client OH&S plan developed: Updated regularly	
Section 8(2)(d) and Construction. Regulation 6	Hazard Identification & Risk Assessment	Hazard Identification carried out/Recorded Risk Assessment and Plan drawn up/Updated Risk Assessment Plan available on Site Employees/Subcontractors informed/trained	
Section 16(2)	Assigned duties (Managers)	Responsibility of complying with the OH&S Act assigned to other person/s by CEO.	
Construction. Regulation 5(2)	Designation of Person Responsible on Site	Competent person appointed in writing as Construction Supervisor	
Construction. Regulation 5(5)(a)	Designation of Subordinate Person	Competent person appointed in writing as Sub-ordinate Construction Supervisor	
Section 17 & 18	Designation of Occupational Health & Safety Representatives	More than 20 employees - one OH&S Representative, one additional OH&S Rep. for each 50 employees or part thereof. Designation in writing, period and area of responsibility specified. Meaningful OH&S Rep. reports. Reports actioned by Management.	
Section 19 & 20	Occupational Health & Safety Committee/s	OH&S Committee/s established. Members appointed in writing. Meetings held monthly. Minutes kept. Actioned by Management.	
Section 37	Agreement with Mandataries (Subcontractors)	Written agreement with Subcontractors. List of Subcontractors displayed. Proof of Registration with Compensation Insurer/Letter of Good Standing Construction Work Supervisor designated Written arrangements concerning OH&S Reps & OH&S Committee Written arrangements regarding First Aid	
Construction. Regulation 7	Fall Prevention & Protection	Competent person appointed to draw up and supervise the Fall Protection Plan Proof of appointees competence available on Site Risk Assessment carried out for work at heights Fall Protection Plan drawn up/updated	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
		Available on Site	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
Construction. Regulation 8	Roof work	Competent person appointed to plan & supervise Roof work. Proof of appointees competence available on Site Risk Assessment carried out Roof work Plan drawn up/updated Roof work inspect before each shift. Inspection register kept Employees medically examined for physical & psychological fitness. Written proof available	
Construction. Regulation 9	Structures	Information re. the structure being erected received from the Designer including: - geo-science technical report where relevant - the design loading of the structure - the methods & sequence of construction - anticipated dangers / hazards / special Measures to construct safely Risk Assessment carried out Method statement drawn up All above available on Site Structures inspected before each shift. Inspections register kept	
Construction. Regulation 10	Formwork & Support work	Competent person appointed in writing to supervise erection, maintenance, use and dismantling of Support & Formwork Design drawings available on site Risk Assessment carried out Support & Formwork inspected: - before use/inspection - before pouring of concrete - weekly whilst in place - before stripping/dismantling. Inspection register kept	
Construction. Regulation 11	Scaffolding	Competent persons appointed in writing to: - erect scaffolding (Scaffold Erector/s) - act as Scaffold Team Leaders - inspect Scaffolding weekly and after inclement weather (Scaffold Inspector/s) Written Proof of Competence of above appointees available on Site Copy of SABS 085 available on Site Risk Assessment carried out Inspected weekly/after bad weather. Inspection register/s kept	
Construction. Regulation 12	Suspended Scaffolding	Competent persons appointed in writing to: - erect Susp.scaffolding (Scaffold Erector/s) - act as Susp.Scaffold Team Leaders - inspect Susp.Scaffolding weekly and after inclement weather (Scaffold Inspector/s) Risk Assessment conducted Certificate of Authorization issued by a registered	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
		professional Engineer available on Site/copy forwarded to the Department of Labour The following inspections of the whole installation carried out by a competent person - after erection and before use - daily prior to use. Inspection register kept The following tests to be conducted by a competent person: - load test of whole installation and working parts every 12 months - hoisting ropes/hooks/load attaching devices quarterly. Tests log book kept Employees working on Susp.Scaffold medically examined for physical & psychological fitness. Written proof available	
Construction. Regulation 13	Excavations	Competent person/s appointed in writing to supervise and inspect excavation work Written Proof of Competence of above appointee/s available on Site Risk Assessment carried out Inspected: - before every shift - after any blasting - after an unexpected fall of ground - after any substantial damage to the shoring - after rain. Inspections register kept Method statement developed where explosives will be/ are used	
Construction. Regulation 14	Demolition Work	Competent person/s appointed in writing to supervise and control Demolition work Written Proof of Competence of above appointee/s available on Site Risk Assessment carried out Engineering survey and Method Statement available on Site Inspections to prevent premature collapse-e carried out by competent person before each shift. Inspection register kept	
Construction. Regulation 16	Materials Hoist	Competent person appointed in writing to inspect the Material Hoist Written Proof of Competence of above appointee available on Site. Materials Hoist to be inspected weekly by a competent person. Inspections register kept.	
Construction. Regulation 17	Caissons & Cofferdams	Competent person appointed in writing to supervise, control & inspect the construction, installation/dismantling of caissons/coffer dams Written Proof of Competence of above appointee available on Site Risk Assessment carried out To be inspected daily by a competent person. Inspections register kept	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
Construction. Regulation 18	Explosive Powered Tools	Competent person appointed to control the issue of the Explosive Powered Tools & cartridges and the service, maintenance and cleaning. Register kept of above Empty cartridge cases/nails/fixing bolts returns recorded Cleaned daily after use	

Section/ Regulation	Subject	Requirements	1.1.1.2
Construction. Regulation 19	Batch Plants	Competent person appointed to control the operation of the Batch Plant and the service, maintenance and cleaning. Register kept of above Risk Assessment carried out Batch Plant to be inspected weekly by a competent person. Inspections register kept	
Construction. Regulation 20/ Mine Health & Safety Act (29 of 1996)	Tunnelling	Complying with Mines Health & Safety Act (29 of 1996) Risk Assessment carried out	
Construction. Regulation 21/ Driven Machinery Regulations 18 & 19	Cranes & Lifting Machines Equipment	Competent person appointed in writing to inspect Cranes, Lifting Machines & Equipment Written Proof of Competence of above appointee available on Site. Cranes & Lifting tackle identified/numbered Register kept for Lifting Tackle Log Book kept for each individual Crane Inspection: - All cranes - daily by operator - Tower Crane/s - after erection/6monthly - Other cranes - annually by comp. person - Lifting tackle(slings/ropes/chain slings etc.) - 3 monthly Risk Assessment carried out	
Construction. Regulation 22/Electrical Machinery Regulations 9 & 10/Electrical Installation Regulations	Inspection & Maintenance of Electrical Installation & Equipment (including portable electrical tools)	Competent person appointed in writing to inspect/test the installation and equipment. Written Proof of Competence of above appointee available on Site. Inspections: - Electrical Installation & equipment inspected after installation, after alterations and quarterly. Inspection Registers kept Portable electric tools and -lights and extension leads identified/numbered. Monthly visual inspection by User/Issuer/Store man. Register kept.	
Construction. Regulation 2 Diving Regulations	Water Environments	Competent person appointed in writing to supervise diving operations and ensure maintenance, statutory inspection and testing by an Approved	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
		Inspection Authority of equipment used Written Proof of Competence of above appointee available on Site Proof of registration of all divers present on site available Risk Assessment carried out Diving Manual produced. Available on Site Record of Voice Communications kept Diving Operations record kept Each Diver keeps- a personal logbook. Entries countersigned by the Diving Supervisor Decompression tables available on Site Records of any Decompression illness kept Certificate of Manufacture of any Compression Chamber or Diving Bell in use available on Site	
Construction. Regulation 30/ General Safety Regulation 8(1)(a)	Designation of Stacking & Storage Supervisor.	Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage Written Proof of Competence of above appointee available on Site	
Construction. Regulation 31/ Environmental Regulation 9	Designation of a Person to Co-ordinate Emergency Planning And Fire Protection	Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures Emergency Evacuation Plan developed: - Drilled/Practised - Plan & Records of Drills/Practices available on Site Fire Risk Assessment carried out All Fire Extinguishing Equipment identified and on <i>register</i>. Inspected weekly. Inspection Register kept Serviced annually	
Construction. Regulation 32/ General Safety Regulation 3	First Aid	Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) First Aid freely available Equipment as per the list in the OH&S Act. One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed) List of First Aiders and Certificates Name of person/s in charge of First Aid box/es displayed. Location of F/Aid box/es clearly indicated. Signs instructing employees to report all Injuries/illness including first aid injuries	
Construction. Regulation 33/ General Safety	Personal Safety Equipment (PS-E)	PS-E Risk Assessment carried out Items of PS-E prescribed/use enforced Records of Issue kept	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
Regulation 2		Undertaking by Employee to use/wear PS-E	
Construction. Regulation 34/ General Safety Regulation 9	*Inspection & Use of Welding/Flame Cutting Equipment	Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment Written Proof of Competence of above appointee available on Site Equipment identified/numbered and entered into a register Equipment inspected monthly. Inspection Register kept	
Construction. Regulation 35/ Hazardous Chemical Substances (HCS)	*Control of Storage & Usage of HCS	Competent Person/s with specific knowledge and experience designated to Control the Storage & Usage of HCS Written Proof of Competence of above appointee available on Site Risk Assessment carried out Register of HCS kept/used on Site	

Section/ Regulation	Subject	Requirements	1.1.1.2
Construction. Regulation 36/Vessels under Pressure Regulations	Vessels under Pressure (VUP)	Competent Person/s with specific knowledge and experience designated to supervise the use, storage, maintenance, statutory inspections & testing of VUP's Written Proof of Competence of above appointee available on Site Risk Assessment carried out Certificates of Manufacture available on Site Register of VUP's on Site Inspections & Testing by Approved Inspection Authority (AIA): - after installation/re-erection or repairs - every 36 months. - Register/Log kept of inspections, tests. Modifications & repair	
Construction. Regulation 37	Construction Vehicles & Earth Moving Equipment	Operators/Drivers appointed to: - Carry out a daily inspection prior to use - Drive the vehicle/plant that he/she is competent to operate/drive Written Proof of Competence of above appointee available on Site Record of Daily inspections kept	
Construction. Regulation 38/ General Safety Regulation 13D	Inspection of Ladders	Competent person appointed in writing to inspect Ladders Ladders inspected at arrival on site and monthly there after. Inspections register kept	
Construction. Regulation 39/	Ramps-	Competent person appointed in writing to Supervise the erection & inspection of Ramps-.	

C5 ANNEXURES

Section/ Regulation	Subject	Requirements	1.1.1.2
General Safety Regulation 13B		Inspection register kept	

C5.2 DRAWINGS

The drawings, if any, issued with this tender document are attached in order to give an overview of the term tender project.

Construction drawings will, in terms of the Conditions of Contract, be issued to the Contractor by the Principal Agent, as appropriate, prior to the date for commencement with Works execution, and from time to time as required.

The Works shall be constructed in accordance with the issued design drawing, if any.

The Contractor shall be responsible for the preparation of “as built” drawings and shall ensure that accurate as-built records are kept of all infrastructure installed or relocated during the contract.

All drawings and specifications and copies thereof remain the property of the Employer, and the Contractor shall return all drawings and copies thereof to the Employer at the completion of the contract.

SCHEDULE F

COVID 19 SPECIFICATIONS

The recent Regulations promulgated under the National Disaster Management Act, and the lockdown of 26 March 2020 have closed all construction projects except for those involved with essential infrastructure services and emergency facility preparedness. The Covid-19 pandemic has catapulted the role of health and safety (H&S) into the forefront of all activities. As of the 1st May 2020, the lockdown will be lifted in stages, and certain essential construction projects will commence with work.

As such the Occupational Health and Safety Act No 85 of 1993 and its Regulations require to be complied with. More specifically, the Construction Regulations of 2014 remain applicable and must be adhered to in order to protect the workers.

The Construction Regulations are very specific regarding the roles of stakeholders, namely the client, designers and contractors. Each of these categories have very specific roles and responsibilities and cover both the built environment professionals (BEPs) and contractors. Each have roles in terms of H&S, over and above their contractual and monitoring duties on a project.

LIST OF ABBREVIATIONS

Baseline Risk Assessments - BRA
Built Environment Professionals - BEPs
Bill of Quantities - BoQ
Compensation of Injuries and Diseases Act - COIDA
Construction Regulations - CRs
Department of Employment and Labour - DEL
Health and Safety - H&S
Occupational health and Safety Act - OHSA
Personal Protective Equipment - PPE
Principal Contractors - PC
Site Specific H&S Specification – SSHSS

Contractors would have an H&S system that guides them in terms of their operational requirements, and against their programme of work. Principal contractors would have a full construction H&S officer (CHSO) who would be responsible for the coordination and monitoring of all H&S activities with the site supervision. Ongoing inductions, daily site task instructions (DSTIs) and toolbox talks are some of the tools used to manage daily exposures and risks.

It will be incumbent upon the PC to establish a suitable and sufficient procedures for the identification of potentially infected employees and workers, the management of exposure to the corona virus on the project, including visitors and suppliers. Including a response plan for persons suspected of being infected with or exposed the virus. The procedure is to be applicable to all levels of management and supervision, employees and local labour

As part of this procedure, the contractor is to maintain a register of all employees and workers on the project, including sub-contractor employees and workers, keeping records of the following information as a minimum

The procedure is to take cognizance of the vulnerability of older workers and make provision for additional or more frequent screening of workers above a specified age. A certificate of fitness should be available to make the worker fit for duty, and should be available on site at all times.

A detailed record of all current and previous health conditions, specifically those identified as creating a higher risk for contracting Covid-19, to be kept for all workers. The procedure is to make provision for stringent testing procedures and management of exposure to the virus for workers with higher vulnerability due to underlying health conditions. Such records are confidential and will remain with the Occupational Health facility. A certificate of fitness must be available for each worker on site, including management and contractors

The procedure is to consider the socio-economic status and skill level of workers, taking cognizance of the fact that these may have an impact on the worker's level of exposure to the virus outside of the workplace and the risk of being asymptomatic carriers of the virus to the project/site.

Where accommodation is provided by the contractor/sub-contractor, factors to be considered in the procedure include, *inter alia*:

- Density of occupants to allow for adequate social distancing (minimum 1.5m) in sleeping and dining quarters;
- Restriction on the number of persons using the same sanitary/hygiene facilities;
- Provision of dedicated crockery and cutlery for each occupant, together with a procedure for effective cleaning and safe storage of same and a prohibition on the sharing of utensils;
- Dedicated facilities for safekeeping of personal belongings and abovementioned utensils for each person. Such facilities are to allow for total segregation of belongings and must be easy to sanitize. Provision of such facilities for safekeeping to be accompanied with a procedure for the use and sanitizing of the storage facility to reduce the risk of cross-contamination;
- Facilities for accommodation provided by the contractor to have in place stringent procedures for personal hygiene, ongoing maintenance of sanitizing and social distancing, and
- Additional rules to include a prohibition on the sharing of clothing, towels and other personal belongings, as well as the laundering of clothing for multiple persons at the same time.

Social distancing has been shown to be an effective method to slow down the spread of the corona virus. It will be incumbent on the contractor to ensure that the construction site and facilities are set up in such a way that it will be possible as far as is practicable to maintain the required social distancing of a minimum of 1 metre between persons when at work.

Where it is not possible to maintain the required distance between workers due to the nature of the work activity, e.g. curb laying, confined working areas, rebar tying, preparing wire cages, the contractor will be required to implement, maintain and enforce a procedure to adequately protect such workers against potential infection with the corona virus.

This includes but is not limited to:

- Providing adequate supplies of suitable PPE such as face masks, task specific gloves, safety glasses, disposable/additional coveralls;
- PPE used during multi-person activities to be exchanged immediately after the task is completed;
- Sealed bins to be provided for disposable PPE such as masks, disposable coveralls, disposable gloves, etc.;
- Sealable bags provided to each person for keeping PPE requiring laundering, such as gloves and overalls, and
- Sanitising/washing facilities provided for immediate sanitizing of hard hats, safety glasses, shoes, safety harnesses etc. on completion of multi-person tasks.

LIST OF DRAWINGS:

Architectural Drawings

<u>Plan no</u>	<u>Description</u>
SDP 01	Site Development Plan
CW01	Floor Plans
CW02	Offices – Sections and Elevations
CW03	Ablution Block – Sections and Elevations
CW04	Door Schedule and Window Schedule
CW05	Gate Detail
CW06	Tiling Layout
CW07	Ceiling Layout
CW 08	Balustrade Details
SAN01	Sanitary Schedule

Civil and Structural Engineers Drawings

<u>Plan no</u>	<u>Description</u>
KDA -26018-301	Office and Ablution Foundation Layout, Sections and Details
KDA - 26018-302	Office and Ablution Surface Bed Layout, Sections and Details
KDA - 26018-303	Block and Lintel Roof Slab and Eaves Beam Layout
KDA - 26018 -401	Ablution Foundation Reinforcing Details
KDA - 26018 -402	Office Building Foundation Reinforcing Details
KDA - 26018 - 403	Planter Foundation Reinforcing Details
KDA - 26018 - 404	Base “A” and Eaves Beams Reinforcing Details
KDA - 26018 - 201	Civil Services Layout & Details
KDA - 26018 – SK-100	Under Pinning Details for Existing Foundations

ARCHITECT

[illegible][illegible]

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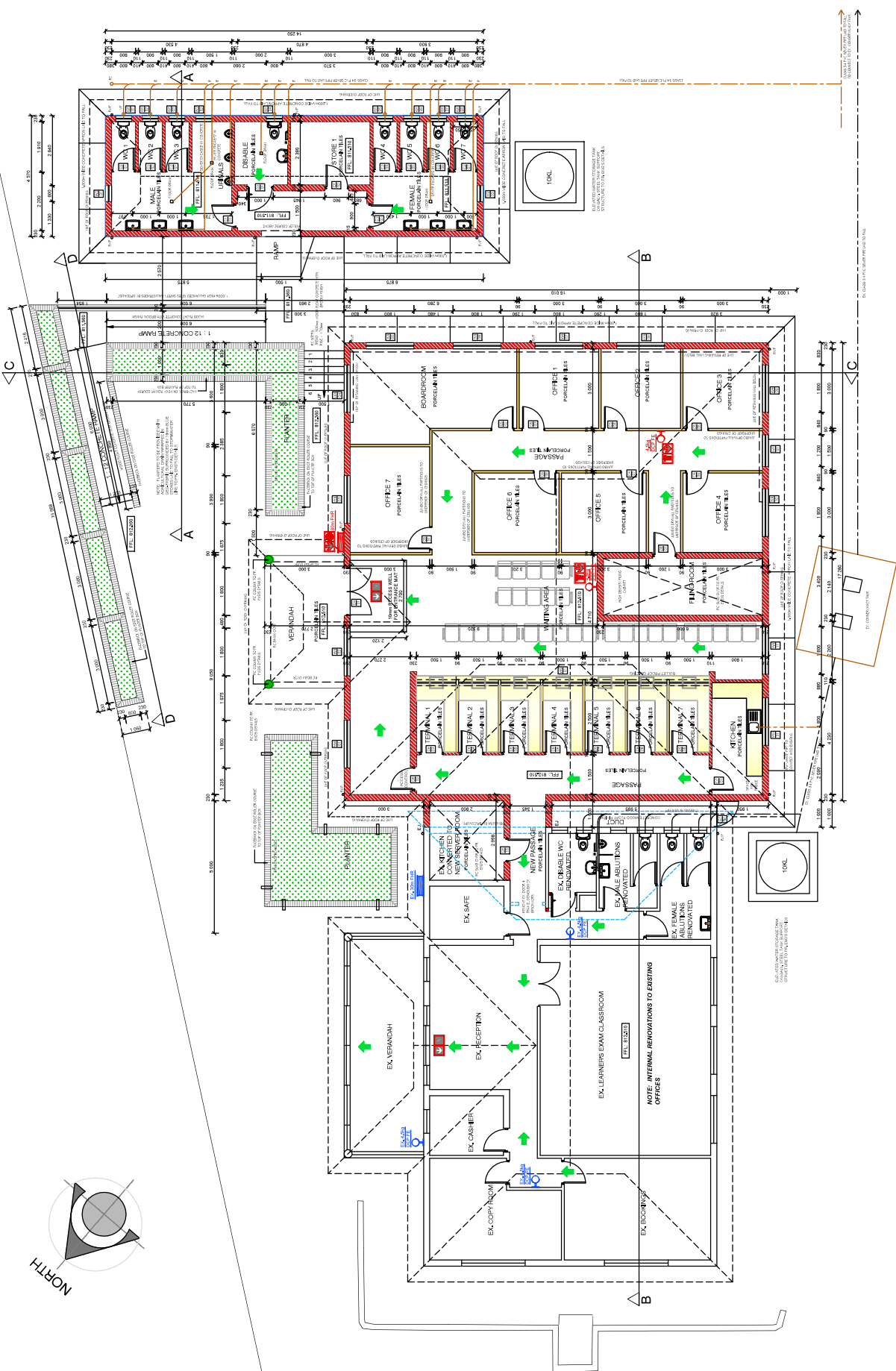
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ADDITIONS & ALTERATIONS TO EX. OFFICES -
ARIZONA TRAFFIC DEPARTMENT
OR: WINNIE MACKENZIE-MANDELA LOCAL
MUNICIPALITY
FED. ROAD DISTRICT 120
REF 3105 (A PORTION OF 110)
ARIZONA

FLOOR PLAN

ISSUED	V. BRIDGALL	DATE	JANUARY 2026
BY	J. DUM	SCALE	AS SHOWN
CHECKED V. BRIDGALL		DATE	A0
JOB NO.	MLM 07	DRAWING	CW 01
		REV.	C



FLOOR PLAN

GENERAL NOTES:

- NO CONSTRUCTION WORK SHALL COMMENCE ON SITE PRIOR TO THE ISSUANCE OF THE NECESSARY APPROVALS FROM THE LOCAL MUNICIPALITY.
- ALL WORK TO COMPLY WITH SANS 10400.
- ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE AUTHOR.
- ALL PLUMBING BY REGISTERED CONTRACTOR.
- IF ON EXCAVATION IT IS FOUND TO CONTAIN EXPANSIVE CLAY, EXCESSIVE GROUND WATER OR OTHER POOR SOIL CONDITIONS, THE FOUNDATIONS ARE TO BE BUILT TO THE SATISFACTION OF A REGISTERED CIVIL ENGINEER.
- FACE BRICK FINISH OR 1,000mm WIDE CONCRETE APRON TO BE PROVIDED AROUND BUILDING.
- WATER PIPES TO BE LAPPED ON SITE.
- BOUNDARY WALLS TO BE REINFORCED AND DEMARKED.
- GLASS THICKNESS TO COMPLY WITH H12.
- SAFETY GLAZING IN ACCORDANCE WITH H13 REQUIRED.
- ONLY FIGURED DIMENSIONS TO BE USED ON ALL DRAWINGS.

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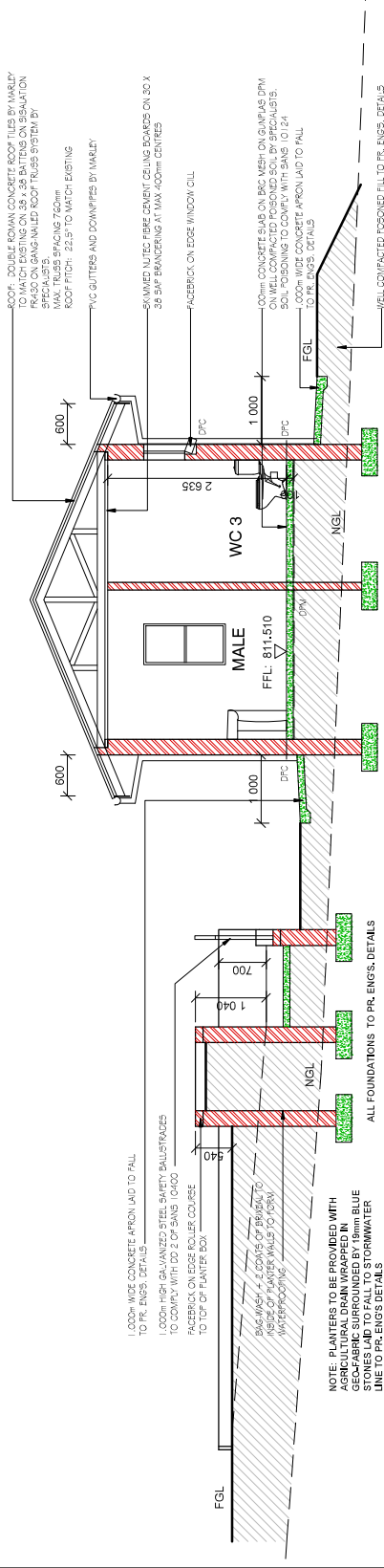
CLIENT'S SIGNATURE

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PROJECT:
ADDITIONS & ALTERATIONS TO EX. OFFICES -
MBIZANA TRAFFIC DEPARTMENT
FOR: WINNIE MADIKIZELA-MANDELA LOCAL
MUNICIPALITY
COUNTRAL DESCRIPTION:
ERF 3105 (A PORTION OF 110)
MBIZANA

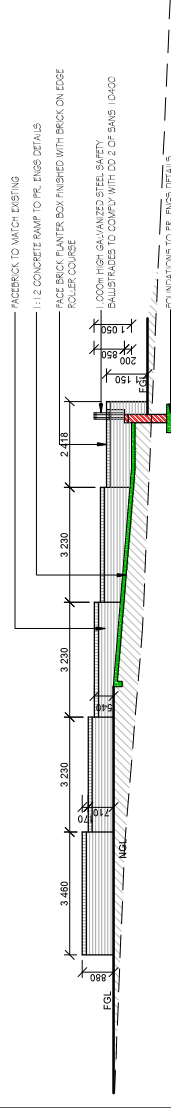
DRAWING:
ABLUTION BLOCK -
SECTION & ELEVATIONS

DESIGNED	V. BRIDGLALL	DATE	JANUARY 2026
DRAWN	J. DUKE	SCALE	AS SHOWN
CHECKED	V. BRIDGLALL	SHEET	A2
JOB No.	MLM 07	SHEET No.	CW 03
		REV.	A



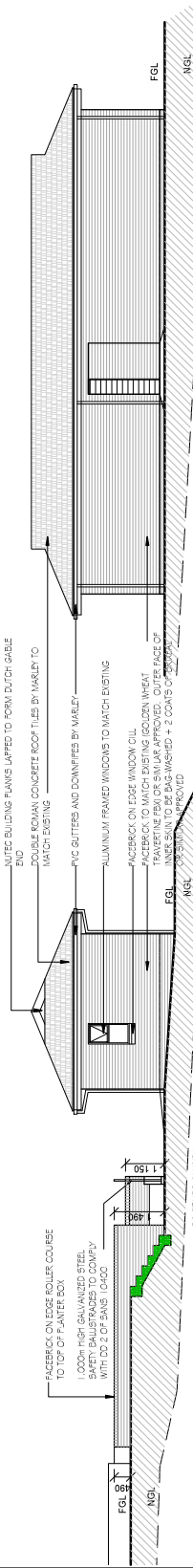
SECTION A - A

SCALE : 1 : 50



SECTION D - D

SCALE : 1 : 100

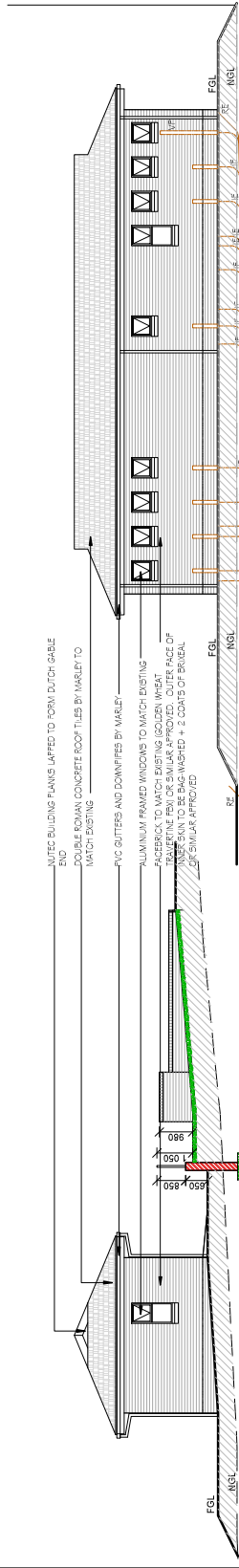


SOUTH WEST ELEVATION

SCALE : 1 : 100

NORTH WEST ELEVATION

SCALE : 1 : 100



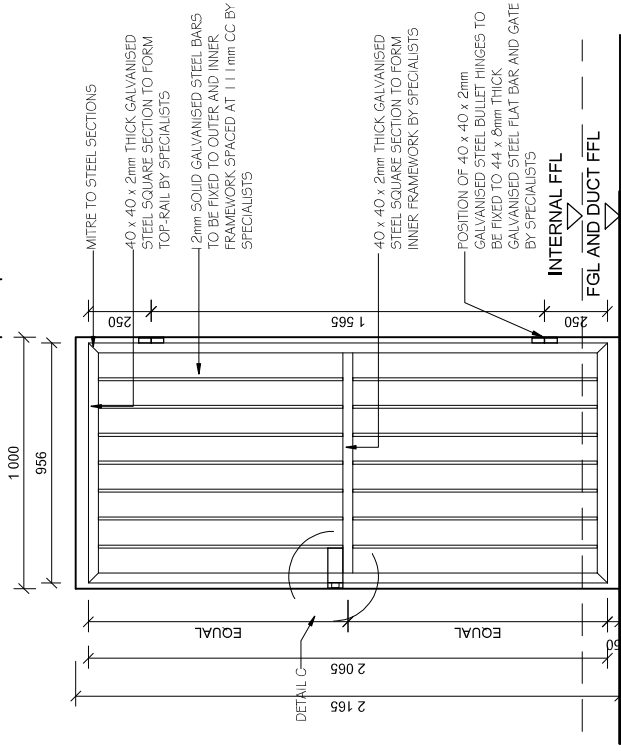
NORTH EAST ELEVATION

SCALE : 1 : 100

SOUTH EAST ELEVATION

SCALE : 1 : 100

[illegible]



NOTE:
ALL STEEL WORK TO BE HOT DIPPED GALVANIZED.
ALL MEASUREMENTS TO BE VERIFIED ON-SITE PRIOR TO MANUFACTURE.
IRONMONGERY:
50mm PADLOCK WITH STAINLESS STEEL SHACKLE



DETAIL B



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CLIENT'S SIGNATURE

VIB ASSOCIATES

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ADDITIONS & ALTERATIONS TO EX. OFFICES -
MBIZANA TRAFFIC DEPARTMENT
FOR: WINNIE MADIKIZELA-MANDELA LOCAL
MUNICIPALITY
CADASTRAL DESCRIPTION:
ERF 3105 (A PORTION OF 110)
MBIZANA

DRAWING:		
GATE SCHEDULE		
DESIGNED	V. BRIDGLALL	DATE
DRAWN	J. DUKI	SCALE
CHECKED		AS SHOWN
V. BRIDGLALL		

JOB No.	SHEET No.	REV.
MLM 07	CW 05	A

①	600 X 600 SALT & PEPPER PORCELAIN FLOOR TILE
②	ALUMINUM SQUARE EDGE TRIM
③	KPK MARKETING OF SIMILAR APPROVED 10mm M-TRM MOVEMENT JOINT
④	600 X 600 MATT PORCELAIN FLOOR TILE
⑤	ENTRANCE MAT - TRIO BRUSH - ANTHRACITE GREY

30x1520 75mm X 17mm (JET BLACK) PVC
SMILING TO MANUFACTURERS
SPECIFICATIONS & DETAILS.

KIRK, MARKETING OR SIMILAR APPROVED
STAINLESS STEEL TRANSITION RAMP COVER
BETWEEN PORCELAIN TILES & CONCRETE TO
MANUFACTURER'S SPECIFICATIONS & DETAILS.

KIRK, MARKETING OR SIMILAR APPROVED
8x8x8mm (JET BLACK) CONSTRUCTION JOINTS &
SOCKET JOINTS, TO MANUFACTURER'S
SPECIFICATIONS & DETAILS.

400mm HIGH TILE SPLASHBACK ABOVE ALL
SINKS AND BASINS ON TO BOTTOM OF
MIRROR.



SCALE: 1 : 100

- NO CONSTRUCTION WORK SHALL COMMENCE ON SITE PRIOR TO APPROVAL OF ARCHITECTURAL PLANS FROM THE LOCAL MUNICIPALITY.
- ALL CONSTRUCTION WITHIN SAJSA (S.A.O.C.) ARE TO BE IN ACCORDANCE WITH THE SAJSA (S.A.O.C.) REGULATIONS.
- ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF ANY WORK.
- ALL DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE SUPERVISOR'S ATTENTION.
- ALL PLUMBING BY REGISTERED CONTRACTOR.
- ALL ELECTRICAL BY REGISTERED CONTRACTOR.
- IF ON EXCAVATION IT IS FOUND TO CONTRADICT EXISTING CLAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMEDIATION. ALL REMEDIATION SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- ALL FOUNDATIONS ARE TO BE BUILT TO PROFESSIONAL ENGINEERS DETAILS AND UNDER HIS SUPERVISION.
- FACE BRICK TUNING OR 1,000mm DEEP CONCRETE APRON TO BE PROVIDED TO PROTECT FOUNDATION.
- NO VEGETATION TO BE AFFECTED ON SITE.
- BOUNDARY BEACONS TO BE EXPOSED AND DEMARCATED.
- GLASS FENCINGS TO COMPLY WITH STANDARDS REQUIRED BY THE LOCAL MUNICIPALITY.
- ONLY FIXED DIMENSIONS TO BE USED ON ALL DRAWINGS.

No.	BY	DATE	REVISION

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PROJECT:

ADDITIONS & ALTERATIONS TO EX. OFFICES -
MBIZANA TRAFFIC DEPARTMENT
FOR: WINNIE MADIKIZELA-MANDELA LOCAL
MUNICIPALITY
CADASTRAL DESCRIPTION:
ERF 3105 (A PORTION OF 110)
MBIZANA

DRAWING:
TILING LAYOUT

DESIGNED	V. BRIDGLALL	DATE	JANUARY 2026
DRAWN	J. DUKI	SCALE	AS SHOWN
CHECKED	V. BRIDGLALL	SIZE	A2

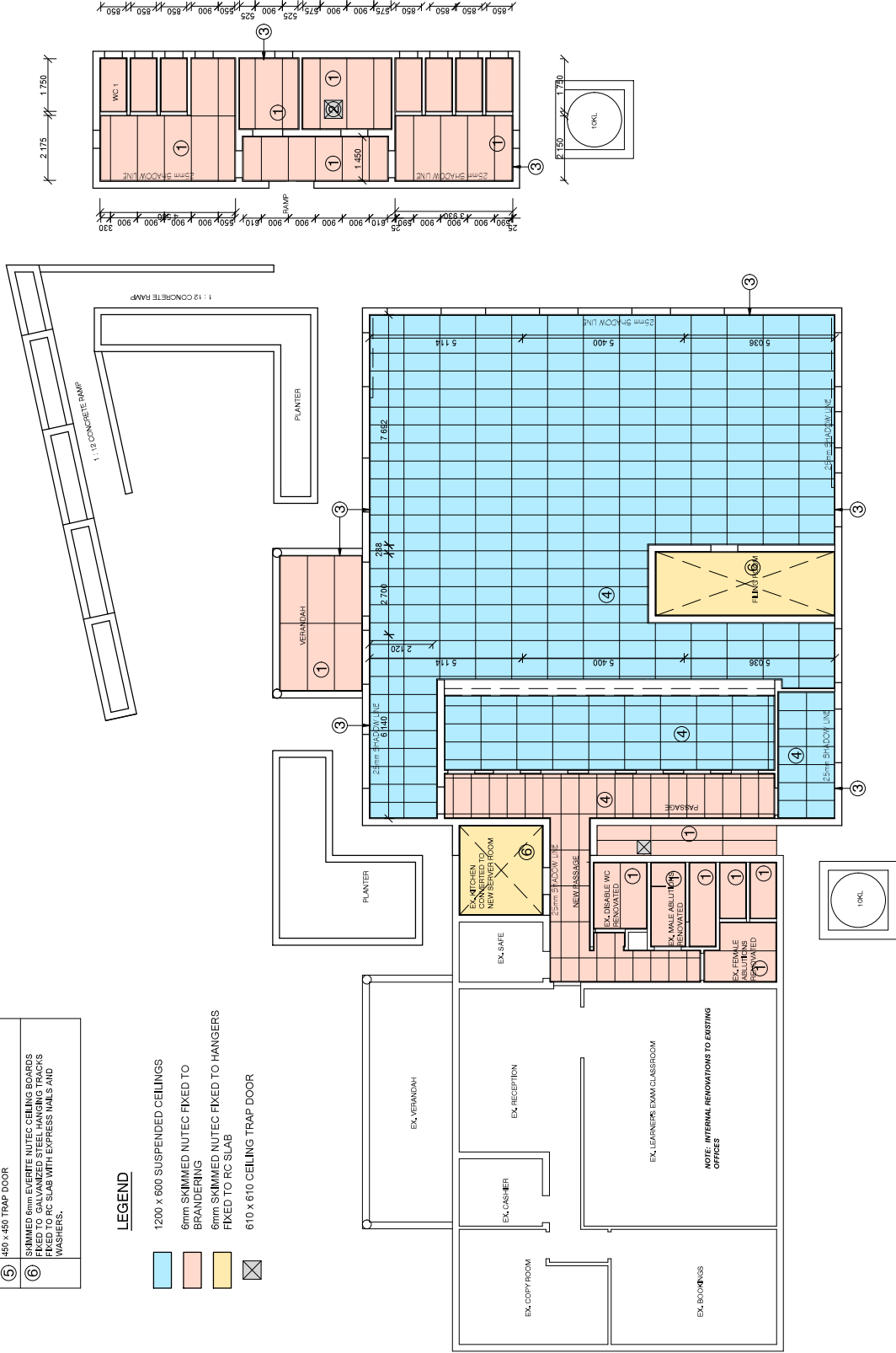
JOB No. MLM 07	SHEET No. CW 06	REV. A
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CEILINGS

①	SKIMMED NUTEC FIBRE CEMENT CEILING BOARDS CENTRES
②	600 x 600 TRAP DOOR
③	25mm ALUMINIUM SHADOW TRIM
④	1200 x 600mm x 31mm "THERMOCEL" RIPPLE WHITE VINYL CLAD 6mm CALCIUM SILICATE CEILING TILES WITH ALUMINIUM FOIL BACKED TILES WITH 25mm SHADOW LINE TO BE BUILT TO PROFESSIONAL STANDARDS TO BE FINISHED TO BACK LAB ON TO SUSPENDED CMN T3624W PRE-PANED WHITE EXPOSED TEE GRID SYSTEM
⑤	450 x 450 TRAP DOOR
⑥	SKIMMED 6mm SKIMMED NUTEC CEILING BOARDS FINISHED TO RC SLAB WITH EXPRESS NAILS AND WASHERS.

LEGEND

- 1200 x 600 SUSPENDED CEILINGS
- 6mm SKIMMED NUTEC FIXED TO BRANDING
- 6mm SKIMMED NUTEC FIXED TO HANGERS FIXED TO RC SLAB
- 610 x 610 CEILING TRAP DOOR



CEILING LAYOUT

SCALE : 1 : 100

GENERAL NOTES:

- NO CONSTRUCTION WORK SHALL COMMENCE ON SITE PRIOR TO APPROVAL OF ARCHITECTURAL PLANS FROM THE LOCAL MUNICIPALITY.
- ALL WORK TO COMPLY WITH SANS 10100
- ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK
- ALL DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE AUTHOR
- ALL PLUMBING BY REGISTERED CONTRACTOR
- ALL ELECTRICAL BY REGISTERED CONTRACTOR
- IF ON EXCAVATION IT IS FOUND TO CONTAIN EXPANSIVE CLAY, EXCESSIVE GROUND WATER OR OTHER POOR SOIL CONDITIONS, THE FOUNDATIONS ARE TO BE BUILT TO PROFESSIONAL STANDARDS TO BE FINISHED TO BACK LAB ON TO SUSPENDED CMN T3624W PRE-PANED WHITE EXPOSED TEE GRID SYSTEM
- FACE BRICK FURTH OR 1,000mm WIDE CONCRETE APRON TO BE PROVIDED AROUND BUILDING
- MIN. 100mm TO BE PROVIDED ON SITE
- BOUNDARY BRICKS TO BE EXPOSED AND DEMARKED
- GLASS THICKNESS TO COMPLY WITH IN12
- SAFETY GLAZING IN ACCORDANCE WITH IN3 REQUIRED
- ONLY FIGURED DIMENSIONS TO BE USED ON ALL DRAWINGS

No.	BY	DATE	REVISION

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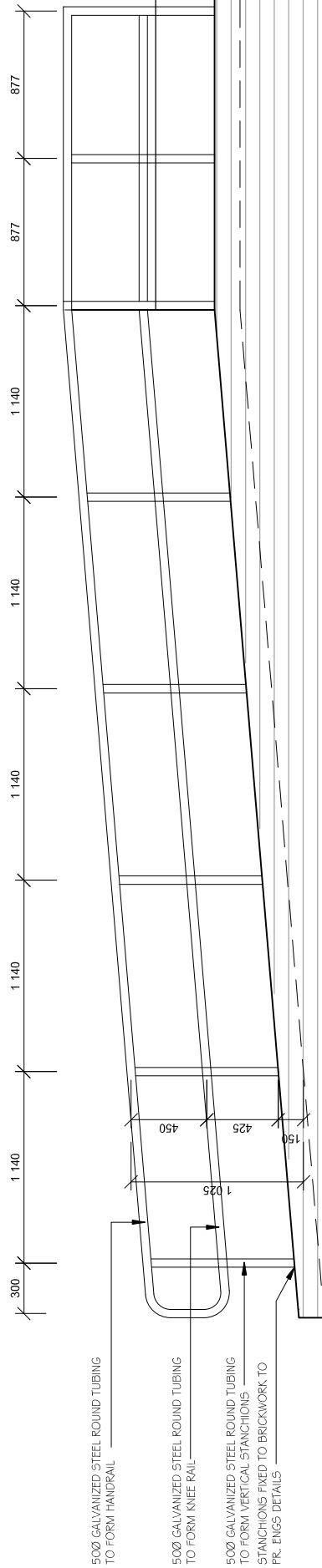
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 COASTAL DESCRIPTION:
 ERF 3105 (A PORTION OF 110)
 MBIZANA

DRAWING:
 CEILING LAYOUT

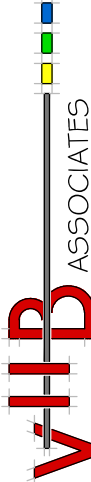
DESIGNED	V. BRIDGLALL	DATE	JANUARY 2026
DRAWN	J. DUKI	SCALE	AS SHOWN
CHECKED	V. BRIDGLALL	SHEET No.	A2
JOB No.	MLM 07	REV.	CW 07
			A



BALUSTRADE DETAIL

SCALE : 1 : 25

CLIENT'S SIGNATURE



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ADDITIONS & ALTERATIONS TO EX. OFFICES -
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CADASTRAL DESCRIPTION:
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MBIZANA

DRAWING:
BALUSTRADE DETAIL

CHECKED	V. BRIDGLALL	DATE	FEBRUARY 2026
DRAWN	J. DUKI	SCALE	AS SHOWN
JOB No.	MLM 07	SHEET No.	CW 08
REV.			A

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COPYRIGHT ACT. (ACT 98 OF 1978)

ABLUTION BLOCK		OFFICE BLOCK			
ROOM / SPACE	MALE ABLUTIONS	DISABLE ABLUTION	FEMALE ABLUTIONS	KITCHEN	DUCT
WHB	WH01	WH02	WH01	---	---
SOIL FITTING	SF02 SF03	SF01	SF02	---	---
DISPENSERS	SD01 SD02 SD03	SD01 SD02 SD03	SD01 SD02 SD03	SD02 SD03	---
MIRRORS	SM01	SM01	SM01	---	---
SINK & WALLBENCH	---	---	---	SW01	---
BINS	SB01 SB02	SB01 SB02	SB01 SB02	---	---
ACCESSORIES	SA01	---	SA01	SA02	SA03

GENERAL NOTES:

- NO CONSTRUCTION WORK SHALL COMMENCE ON SITE PRIOR TO A FORMAL APPROVAL BY ARCHITECTURAL PLANS FROM THE LOCAL MUNICIPALITY
- ALL WORK TO COMPLY WITH SANS 10400
- ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK
- ALL DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE AUTHOR
- ALL FURNISHING BY REGISTERED CONTRACTOR
- ALL MATERIALS TO BE SUBMITTED FOR APPROVAL IF ON EXCAVATION IT IS FOUND TO CONTAIN EXPANSIVE CLAY, EXCESSIVE GROUND WATER OR OTHER POOR SOIL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROFESSIONAL REMEDIATION TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE AUTHOR
- FACE BRICK FURTH CR 1,000mm WIDE CONCRETE APRON TO BE PROVIDED AROUND BUILDING
- NO WATER TO BE USED TO WASH ON SITE
- BOUNDARY WALLS TO BE SUPPOSED AND DEMARKED
- GLASS THICKNESS TO COMPLY WITH IN12
- SAFETY GLAZING IN ACCORDANCE WITH IN13 REQUIRED
- ONLY FIGURED DIMENSIONS TO BE USED ON ALL DRAWINGS

No.

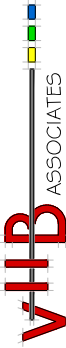
BY

DATE

REVISION

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CUSTOMER SIGNATURE



ARCHITECTURE & PROJECT MANAGEMENT

HEAD OFFICE: KWA-ZULU NATAL

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1000 PORTS OF CALL

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BRANCH: EASTERN CAPE

SEAMEN CENTRE

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BIZANA, 4800

TEL 039 251 0476

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PO BOX 455, PORT SHEPSTONE, 4240

e-mail: vhb@vhbassociates.co.za

PROJECT

ADDITIONS & ALTERATIONS TO EX. OFFICES - MBIZANA TRAFFIC DEPARTMENT

FOR: WINNIE MADIKIZELA-MANDELA LOCAL MUNICIPALITY

PROJECT LOCATION

ERF 3105 (A PORTION OF 110)

MBIZANA

DRAWING

SANITARY SCHEDULE

DESIGNED

V. BRIDGLALL

DATE

FEBRUARY 2026

DRAWN

J. DUKE

SCALE

AS SHOWN

CHECKED

V. BRIDGLALL

SIZE

A2

JOB No.

MLM 07

SHEET No.

SAN01

REV.

B

NOTES:

- WHERE TRADE NAMES ARE SPECIFIED, THIS IS WITH THE EXPRESS PROVISION THAT OTHER PRODUCTS OF EQUAL QUALITY IN THE ABSOLUTE DISCRETION OF THE ARCHITECT MAY BE SUBSTITUTED
- TAP HOLES MUST BE PROVIDED TO SUIT THE PRESCRIBED TAP REQUIRED FOR THE PRESCRIBED OUTLETS
- STAINLESS STEEL SINKS TO COMPLY WITH SANS 907
- STAINLESS STEEL WASH-TROUGHS TO COMPLY WITH SANS 906
- CISTERNS TO COMPLY WITH SANS 821 AND FITMENTS TO SAS 1509
- TAPS TO COMPLY WITH SANS 226
- GLAZED CERAMIC SANITARY VARE TO COMPLY WITH SANS 487
- MIRRORS TO COMPLY WITH SANS 128
- ALL WATER ENTRY POINTS TO HAVE STOP COCKS ON THE EXTERNAL WALL TO PER MECHANICAL ENGS DETAILS

WASH HAND BASINS:

WH 01

PRODUCT CODE 703102, COLOUR WHITE, VIAL SANITARY VARE OR SIMILAR APPROVED FINE FREC'LAY, 550 X 400MM RECTANGULAR 'SPRINGBOX' BASIN WITH TWO TAP HOLES, INTEGRATED OVERFLOW AND CHAIN STAY HOLE, FITTED TO WALL WITH SEM CONCEALED CAST IRON BRACKETS CODE 811820, (APPROVED TAP/HOLE STOPPER TO BE PROVIDED TO LEFT HAND TAP/HOLE)

1 X COBRA OR SIMILAR APPROVED CHROME METERING PLIAR TAP PRODUCT CODE KM2-01 WITH COBRA OR SIMILAR APPROVED 307, SLOTTED BASIN WASTE WITH PLUG, CHAIN AND STAY 62MM DIAMETER FLANGE, 77MM LONG SHANK, 1 FBSPP MALE OUTLET CONNECTION

COBRA OR SIMILAR APPROVED 350 - BOTTLE TRAP, RESEAL BOTTLE TRAP WITH TELESCOPE BASIN CONNECTION PIPE 1 1/2 BSP FEMALE INLET AND 1 1/2 OUTLET

REGULATOR VALVES TO BE PROVIDED

WH 02

PRODUCT CODE 703102, COLOUR WHITE, VIAL SANITARY VARE OR SIMILAR APPROVED FINE FREC'LAY, 550 X 400MM RECTANGULAR 'SPRINGBOX' BASIN WITH TWO TAP HOLES, INTEGRATED OVERFLOW AND CHAIN STAY HOLE, FITTED TO WALL WITH SEM CONCEALED CAST IRON BRACKETS CODE 811820, (APPROVED TAP/HOLE STOPPER TO BE PROVIDED TO LEFT HAND TAP/HOLE)

COBRA OR SIMILAR APPROVED - 1 X ELBOW ACTION, 90x219 PLIAR TAP WITH RABED NOSE AND BLUE NOSE, 1 TURN CERAMIC DISC, 1 BSP MALE CONNECTION INLET SANS 228 TYPE 2

COBRA OR SIMILAR APPROVED 307, SLOTTED BASIN WASTE WITH PLUG, CHAIN AND STAY 62MM DIAMETER FLANGE, 77MM LONG SHANK, 1 FBSPP MALE OUTLET CONNECTION

COBRA OR SIMILAR APPROVED 350 - BOTTLE TRAP, RESEAL BOTTLE TRAP WITH TELESCOPE BASIN CONNECTION PIPE 1 1/2 BSP FEMALE INLET AND 1 1/2 OUTLET

SOIL FITTINGS:

SF 01

VIAL OR SIMILAR APPROVED SANITARY VARE VITREOUS CHINA 'PROTEA PARAPLEIC' 90° OUTLET PAN CODE 752009 AND MATCHING 90° LIFT CISTERN CODE 711671 COMPLETE WITH LIFT FITMENTS AND LOW LEVEL FLUSH PIPE, 1 1/2" X 40MM BY DUTTON PLASTICS OR SIMILAR APPROVED

SF 02

VIAL OR SIMILAR APPROVED LOW LEVEL AFSAN PAN PRODUCT CODE 759000WH LOW LEVEL CISTERN APPROVED SANITARY VARE VITREOUS CHINA HIBECUS ELITE VANDAL PROOF AND LOW LEVEL FLUSH PIPE

SF 03

VIAL SANITARY VARE VITREOUS CHINA WALL HUNG 'LAVATERA IT' URINAL WITH TOP INLET (CODE 752009) AND MATCHING 90° LIFT CISTERN CODE 711671 COMPLETE WITH LIFT FITMENTS AND 20mm DIAMETER THREAD AND TWO HANGER BRACKETS, 1 SPREADER WITH 20mm DIAMETER FLANGE, 77MM LONG SHANK, 1 FBSPP MALE OUTLET CONNECTION, 1 PARAPLEIC ONTYPAR OR SIMILAR APPROVED GRAB RAIL MANUFACTURED FROM GRADE 304 STAINLESS STEEL SATIN FINISH TO PREVENT SLIPPING WITH DIAMETER 31.8mm PRODUCT CODE 2510012

DISPENSERS

SD 01

SERRA OR SIMILAR APPROVED MILD STEEL WHITE POWDER COATED LOCKABLE TOILET ROLL DISPENSER TO HOLD 1 ROLLS - COLOUR WHITE (TO BE CONFIRMED WITH ARCHITECT)

SD 02

FRANKE OR SIMILAR APPROVED SURFACE MOUNTED PAPER TOWEL DISPENSER STRX600, MANUFACTURED FROM GRADE 304, 150mm STAINLESS STEEL, SATIN FINISHED WITH SURFACE MOUNTED CYLINDER LOCK AND STANDARD KEY CAPACITY 300-400 TOWELS DEPENDING ON THE TYPE OF FOLDING

SD 03

FRANKE OR SIMILAR APPROVED SURFACE MOUNTED SOAP DISPENSER STRX618, MANUFACTURED FROM GRADE 304, 150mm STAINLESS STEEL, SATIN FINISHED WITH SURFACE MOUNTED CYLINDER LOCK AND STANDARD KEY CAPACITY 300-400 TOWELS DEPENDING ON THE TYPE OF FOLDING

SINKS & WALLBENCHES

SW 01

FRANKE NOUVEAU INSET SINK MODEL - NUNIS11 PRODUCT CODE 1900091, 800 X 450W/MM UNIT TO BE MANUFACTURED FROM AUSTENITIC STAINLESS STEEL WITH A SATIN FINISH AND SUPPLIED COMPLETE WITH 90MM BASKET STRAINER WASTE FITTINGS, SINK TO BE FITTED TO KITCHEN COUNTER TOP WITH A MINIMUM 50MM APRON ALL ROUND.

COBRA OR SIMILAR APPROVED 350 - BOTTLE TRAP, RESEAL BOTTLE TRAP WITH TELESCOPE BASIN CONNECTION PIPE 1 1/2 BSP FEMALE INLET AND 1 1/2 OUTLET

COBRA - 1 X CASPTANA - CS 415040CP - WITH AERATED SWAN NECK SWIVEL OUTLET INLETS SANS 228 TYPE 2

MIRRORS

SM 01

300 x 600 x 6mm POLISHED EDGE GLASS MIRROR, FIXED WITH 4 X CHROME PLATED DOMED MIRROR SCREWS

BINS

SB 01

SERRA OR SIMILAR APPROVED EVE MK2 SANIBIN COLOUR WHITE - 500mm CLOSED HEIGHT

SB 02

FRANKE OR SIMILAR APPROVED SURFACE MOUNTED WASTE BIN STRX605, MANUFACTURED FROM GRADE 304, 150mm STAINLESS STEEL, SATIN FINISHED WITH SURFACE TREATMENT, TO BE PROVIDED WITH CYLINDER LOCK AND STANDARD KEY CAPACITY 3 LITRES

ACCESSORIES

SA 01

SEQUAL OR SIMILAR APPROVED WET FLOOR COMPLETE - 304 STAINLESS STEEL 110 x 110 SQUARE HOLE GRATE - 50mm SIDE OUTLET

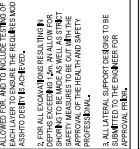
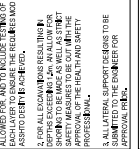
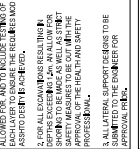
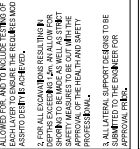
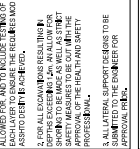
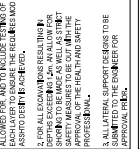
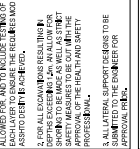
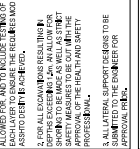
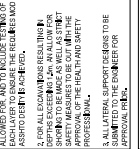
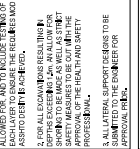
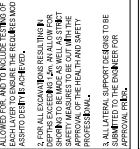
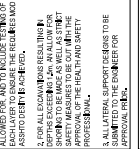
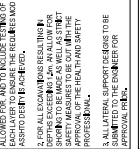
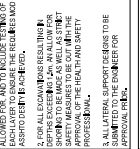
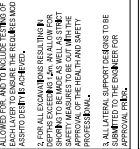
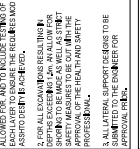
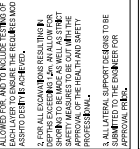
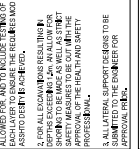
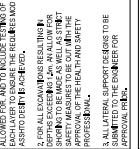
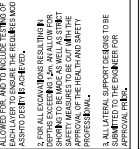
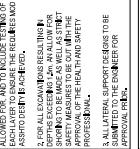
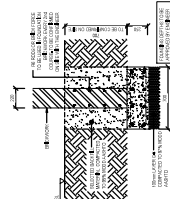
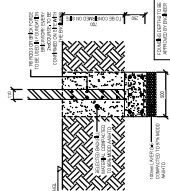
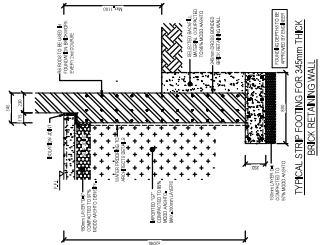
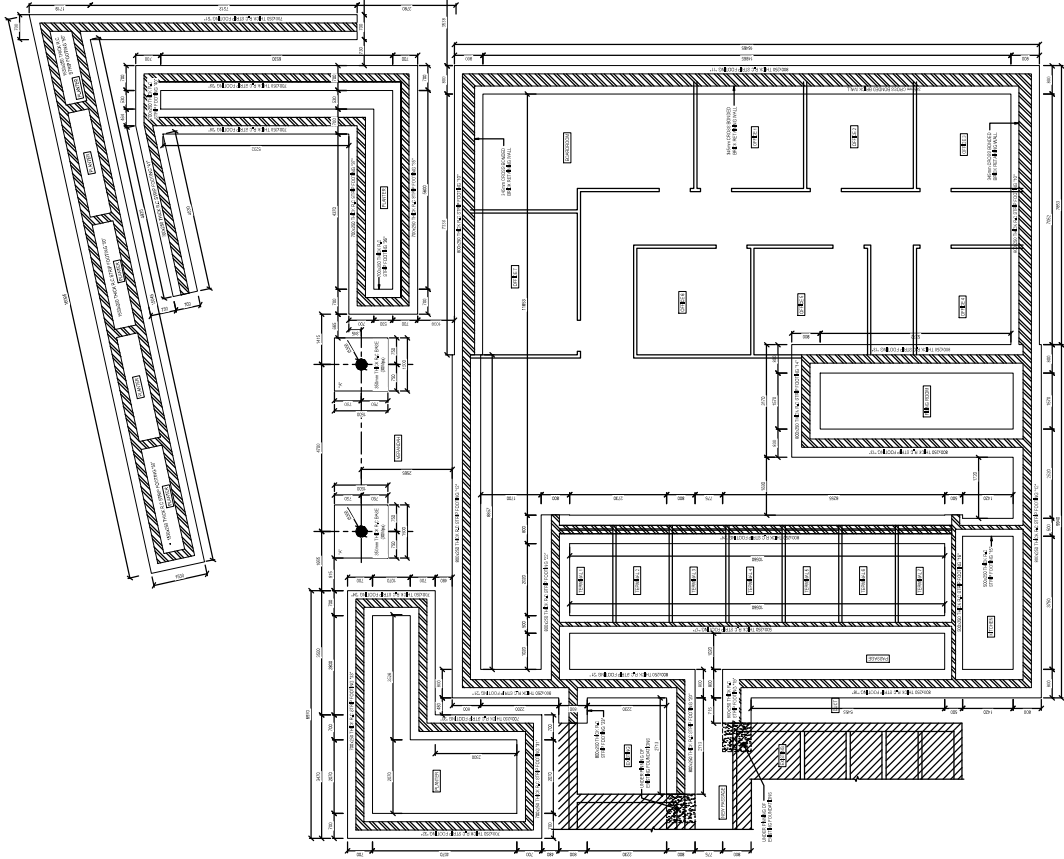
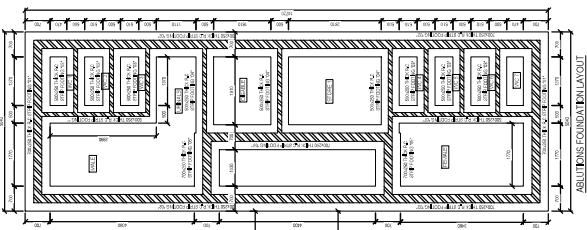
SA 02

FRANKE STAINLESS STEEL 5 LITRE HYDRO BOIL PRODUCT CODE 2810009 ZIP GLOBAL PLUS WATER FILTRATION KIT COMPLETE TO BE PROVIDED.

SA 03

COBRA OR SIMILAR APPROVED STANDARD BRASS HOSE WALL TAP, GUILLEY TO BE PROVIDED

CIVIL & STRUCTURAL



GENERAL NOTE:

1. THE DRAWING PROVIDES INFORMATION RELATED TO THE CONSTRUCTION OF THE STRUCTURE. THE DRAWING DOES NOT PROVIDE INFORMATION RELATED TO THE DESIGN FOR THE STRUCTURE. THE DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE. THE DRAWING DOES NOT PROVIDE INFORMATION RELATED TO THE DESIGN FOR THE STRUCTURE. THE DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE.

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-1:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-2:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

4. THE DRAWING PROVIDES INFORMATION RELATED TO THE CONSTRUCTION OF THE STRUCTURE. THE DRAWING DOES NOT PROVIDE INFORMATION RELATED TO THE DESIGN FOR THE STRUCTURE. THE DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE.

5. THE DRAWING PROVIDES INFORMATION RELATED TO THE CONSTRUCTION OF THE STRUCTURE. THE DRAWING DOES NOT PROVIDE INFORMATION RELATED TO THE DESIGN FOR THE STRUCTURE. THE DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE.

MATERIALS AND CONSTRUCTION:

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-1:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-2:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-3:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-4:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-5:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

SURFACE FINISHES:

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-1:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-2:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-3:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-4:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10381-5:2009 CODE OF PRACTICE FOR CONSTRUCTION MANAGEMENT.

CONSULTANT:

SCALE: AS SHOWN

SHEET NO: 10

DATE: 2024-03-01

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE ISSUED: 2024-03-01

CLIENT: [Name]

PROJECT: [Name]

LOCATION: [Name]

DATE: 2024-03-01

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE ISSUED: 2024-03-01

CONSULTANT: [Name]

SCALE: AS SHOWN

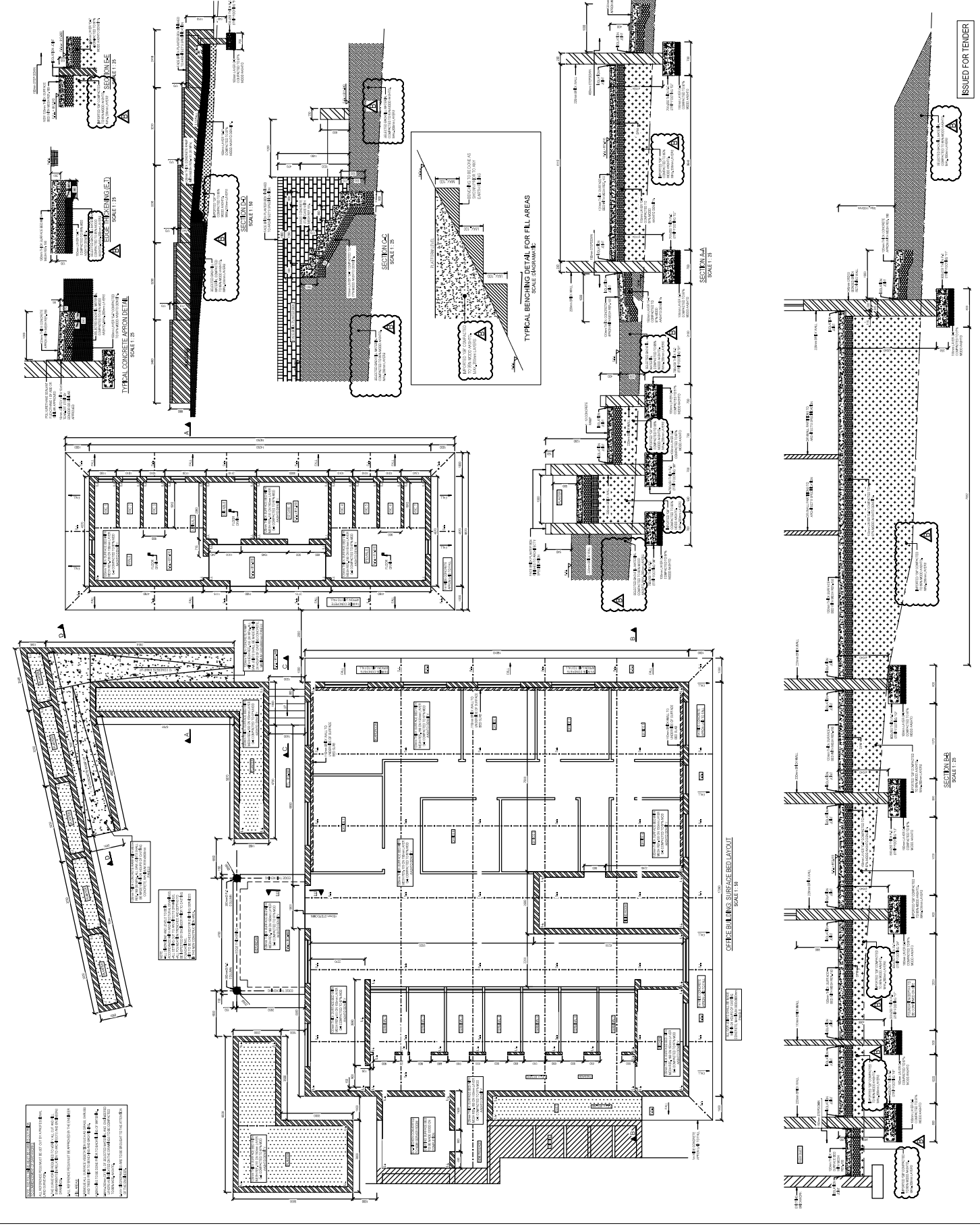
SHEET NO: 10

DATE: 2024-03-01

DESIGNED BY: [Name]

CHECKED BY: [Name]

DATE ISSUED: 2024-03-01



GENERAL NOTES:

1. THIS DRAWING PROVIDES INFORMATION RELATED TO THE FORM OF WORKS WHEN COMPLETED TOGETHER WITH GUIDANCE, WHERE FUNDAMENTAL TO THE DESIGN, FOR THE SEQUENCE OF CONSTRUCTION. THIS DRAWING DOES NOT PURPORT TO INCLUDE ANY NECESSARY PRECAUTIONS, ITEMS OR COMPONENTS REQUIRED TO BE TAKEN BY THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ANY NECESSARY PRECAUTIONS, ITEMS OR COMPONENTS REQUIRED BY THE CONTRACTOR.

2. ALL WORK SHALL BE IN ACCORDANCE WITH NHBRC STANDARDS, CONCRETE & SANIS 10400 IN CONJUNCTION WITH NHBRC STANDARDS.

3. NO CONSTRUCTION TO COMMENCE UNTIL THE MUNICIPALITY/RELEVANT AUTHORITY / PROPERTY OWNER / MAY LEAVE HAS GRANTED APPROVAL OF THE DRAWINGS.

4. READ THE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS ALL RELEVANT SPECIFICATIONS, AND SERVICE DRAWINGS AND SPECIFICATIONS IN THE SPECIFICATIONS ON THE DRAWINGS.

5. THESE DRAWINGS MAY NOT BE COPIED OR REUSED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

6. ALL DIMENSION, LEVELS AND EXISTING SERVICES TO BE PROVEN AND CLEARLY MARKED BEFORE AND WORK CAN BEGIN.

NATIONAL BUILDING REGULATIONS:

ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS, ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY ACT, AND THE CONSTRUCTION REGULATIONS.

THE MAIN CONTRACTOR IS TO ENSURE THAT A COMPETENT PERSON, AS REQUIRED BY THE NATIONAL BUILDING REGULATIONS, AUTHORITY SUPERVISOR AND APPROVES ALL ASPECTS OF THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, ALL TO COMPLY WITH THE LATEST REVISION.

CONCRETE TOPPING TO BE A MINIMUM
COMPRESSIVE STRENGTH OF 20MPa (20N),
CONCRETE CUBE TESTS TO BE TAKEN AND
TEST RESULTS TO BE FORWARDED TO THE
STRUCTURAL ENGINEER FOR APPROVAL.

MINIMUM COVER TO TOP OF WIRE TO BE 30mm
MINIMUM BEARING OF UNTEL TO BE A MINIMUM
OF 100mm (UNLESS OTHERWISE STATED)
ON THE DRAWINGS.

SCAFFOLDING PROPS TO REMAIN IN PLACE UNTIL
CONCRETE CUBE TESTS HAVE BEEN APPROVED BY
THE STRUCTURAL ENGINEER. MINIMUM OF 28 DAYS.

UNTEL LENGTHS TO BE CONFIRMED
ON SITE PRIOR TO ORDERING

170mm THICK BLOCK & UNTEL SLAB
LAYOUT OVER SERVER ROOM
SCALE 1:50

170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

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SCALE 1:50

170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

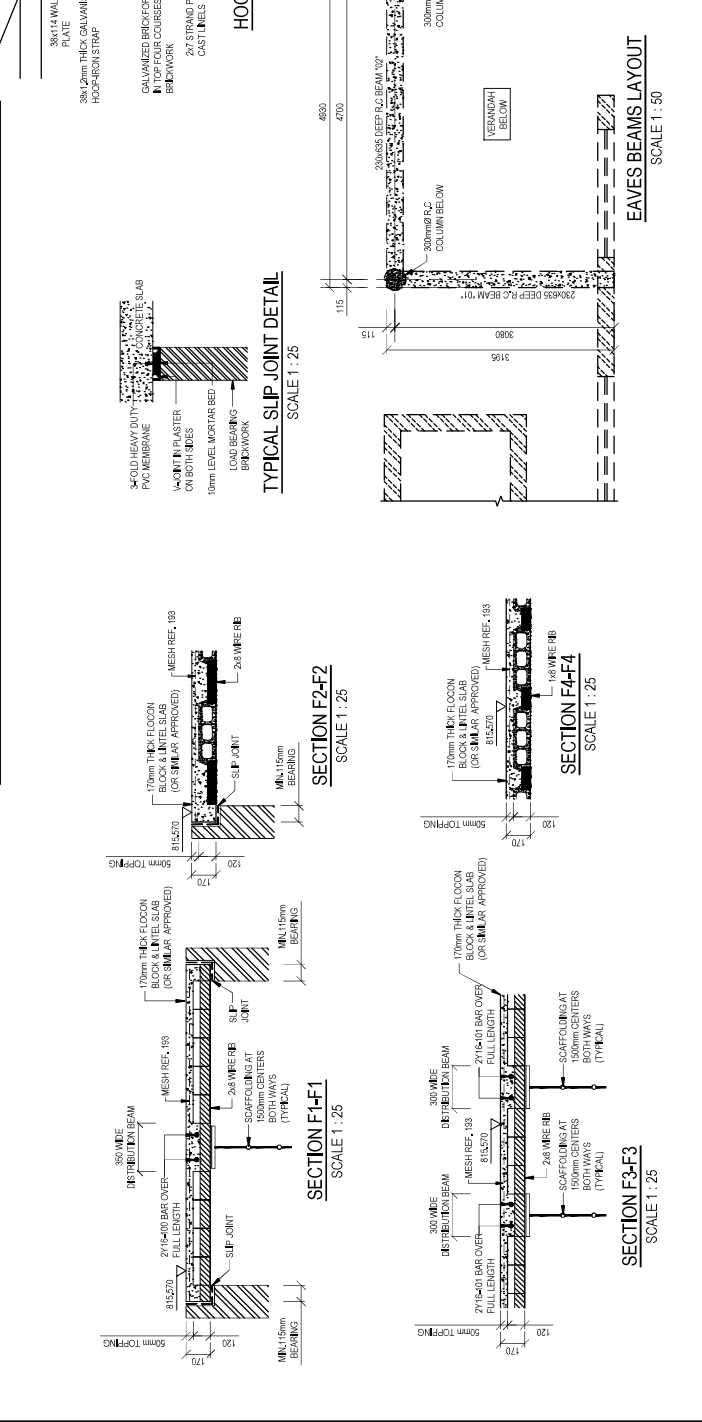
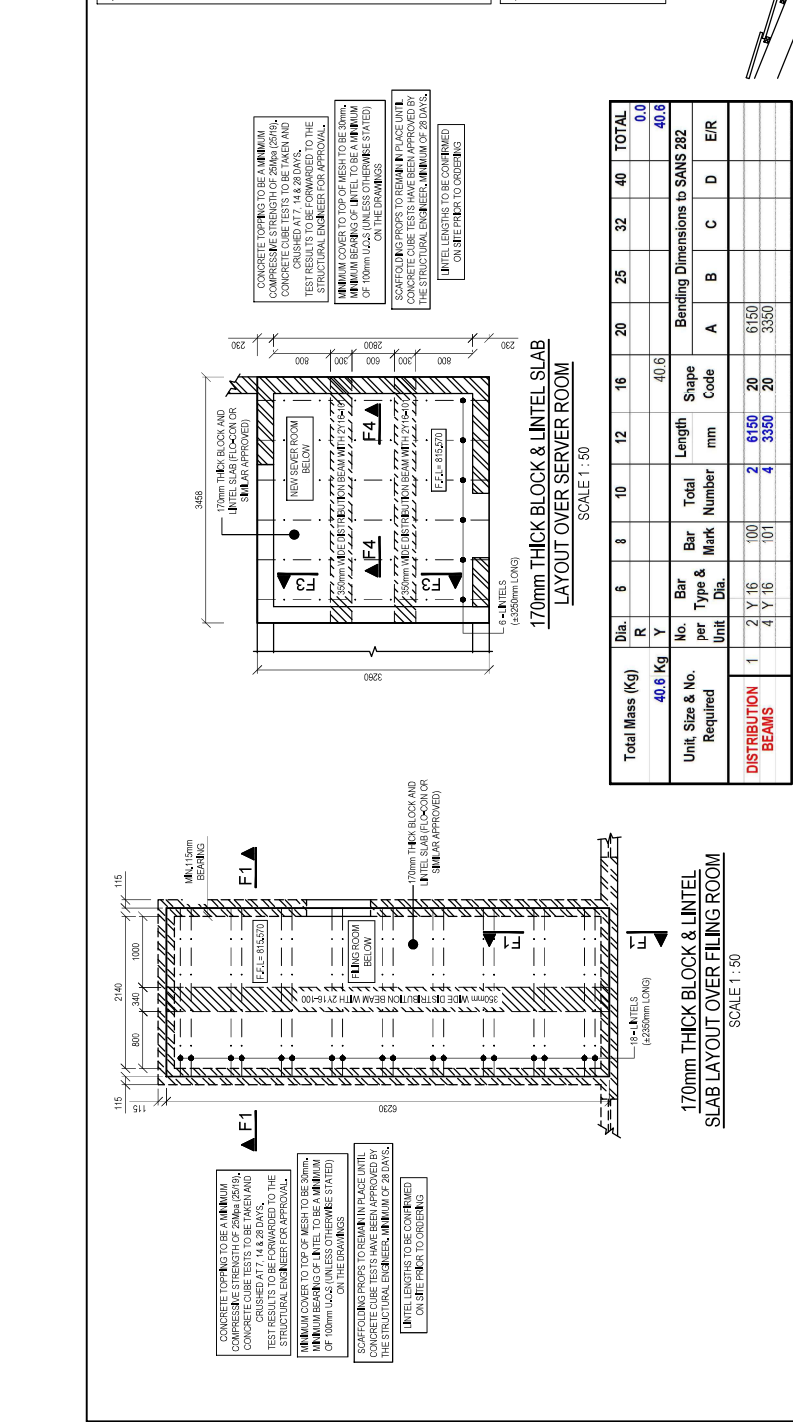
170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

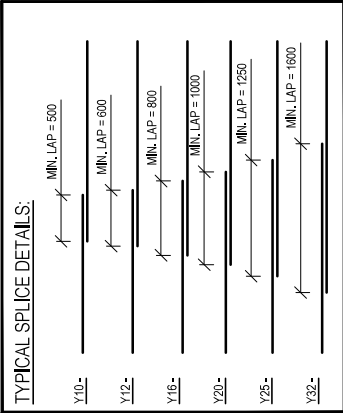
170mm THICK BLOCK & UNTEL
SLAB LAYOUT OVER FILING ROOM
SCALE 1:50

LOAD BEARING BRICKWORK / BLOCKWORK	
1. ALL LOAD BEARING BRICKWORK TO BE FROM MINIMUM 1MPa BRICKS. ALL LOAD BEARING BRICKWORK TO BE FROM MINIMUM 7MPa BLOCKS.	
2. SAMPLES OF BRICKS TO BE TAKEN FROM SITE FOR STRENGTH TESTING BY APPROVED LABORATORY.	
3. SUP JOINTS TO BE PROVIDED AT TOP OF ALL NEW LOAD BEARING WALLS.	
4. BLOCKS TO BE FILLED WITH CONCRETE FROM FOUNDATION TO UNDER SIDE OF FIRST FLOOR SLAB.	
5. BRICKS TO BE Laid IN STRETCHER BOND WITH CLASS 2 MORTAR (MIN. STRENGTH 10MPa).	
6. BRICK FORCE	
7. IN EVERY COURSE IN ALL FOUNDATION BRICK / BLOCK WORK TWO COURSES IMMEDIATELY ABOVE FLOOR SLAB.	
8. IN TWO COURSES IMMEDIATELY BELOW WINDOWS.	
9. IN EVERY COURSE ABOVE INTELS EXTENDING 600mm BEYOND OPENING.	
10. IN EVERY FOURTH COURSE AND A MAXIMUM OF 1700mm CENTERS IN SUPER STRUCTURE.	
TIMBER ROOF NOTES	
1. ROOF TRUSSES TO BE DESIGNED BY APPROVED STRUCTURAL ENGINEER ON BEHALF OF THE TRUSS FABRICATOR.	
2. WORKSHOP DRAWINGS & CALCULATIONS ARE REQUIRED FOR APPROVAL.	
3. ALL TIMBER TO BE AT LEAST AS2 SOFTWARE GRADE 5* ACCORDING TO SABS 582.	
4. ALL TIMBER TO BE PRE-TREATED FOR INSECT PROTECTION.	
5. DESIGN & ERECTION CERTIFICATE TO BE SUPPLIED BY THE CONTRACTOR ON COMPLETION.	
6. TR1 & TR2 CERTIFICATE ROOF LOADING REQUIRED FROM ROOF SUPPLIER.	
7. ROOF SHAPE COVER STORM WATER GOODS. GUTTERS AND DOWNPIPES AND WATER PROOFING TO ARCHITECTS DETAILS.	

ISSUED FOR TENDER	
DESIGN	DATE
CHECKED	DATE
DRAWN	DATE
DATE ISSUED	2024-03-08
SHEET NO.	A2
SCALE	AS SHOWN

CONSULTANT	
2515 WILKINS ROAD SPRINGSFIELD, DURBAN 4001 031 261 1111 info@kda.co.za	
54 WILKINS ROAD SPRINGSFIELD, DURBAN 4001 031 261 1111 info@kda.co.za	
41 FERRELL ROAD SPRINGSFIELD, DURBAN 4001 031 261 1111 info@kda.co.za	
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CLIENT	
WINNIE MANDZELA-MANDELA LOCAL MUNICIPALITY	
PROJECT	
MBIZANA TRAFFIC DEPARTMENT OFFICES	
DRAWING DESCRIPTION	
PART BLOCK AND UNTEL & PART EAVES BEAMS LAYOUTS, SECTIONS AND DETAILS	
PROJECT NUMBER	DRAWING NUMBER
202403	303
DATE	20-02-2024
REVISION	A



[illegible]

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WINNIE MADIKIZELI A MANDEI A LOCAL MUNICIPALITY

PROJECT: ERF 3105 (A PORTION OF 110 MBIZANA)

ABLATIONS FOUNDATION REINFORCING DETAILS

PROJECT NUMBER	DRAWING NUMBER	DATE	REVISION
26018	401	20-02-2026	A

Total Mass (Kg)	Dia.		6	8	10	12	16	Bending Dimensions to SANS 282					TOTAL
	R	Y			336.9	483.3							
	820.3 Kg												
Unit, Size & No. Required	No.	Bar per Unit	Bar Type & Dia.	Bar Mark	Total Number	Length mm	Shape Code	A	B	C	D	E/R	
700x250mm "F01"	2	27	R 10	01	54	1700	60	170	620				
	2	8	Y 12	02	16	4950	20	4950					
700x250mm "F02"	2	68	R 10	01	136	1700	60	170	620				
	2	16	Y 12	03	32	7300	20	7300					
500x250mm "F03"	6	9	R 10	04	54	1300	60	170	420				
	6	6	Y 12	05	36	1950	20	1950					
500x250mm "F04"	3	10	R 10	04	30	1300	60	170	420				
	3	6	Y 12	06	18	2850	20	2650					
700x250mm "F05"	2	9	R 10	01	18	1700	60	170	620				
	2	8	Y 12	07	16	1850	20	1850					
700x250mm "F06"	1	23	R 10	01	23	1700	60	170	620				
	1	8	Y 12	08	8	5100	20	5100					
500x250mm "F07"	1	18	R 10	04	18	1300	60	170	420				
	1	6	Y 12	09	6	4100	20	4100					
500x250mm "F08"	1	16	R 10	04	16	1300	60	170	420				
	1	6	Y 12	10	6	3100	20	3100					

1. FOR RC PAD FOUNDATION LAYOUT REFER TO DRAWINGS.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REINFORCEMENT SCHEDULE.

3. ALL CONCRETE TO: FOUNDATIONS TO BE:

4. GRADE 30/19
50mm BINDER LAYER

5. COVER TO REINFORCEMENT = 30mm

- B1 - BOTTOM ONE
B2 - BOTTOM TWO
T1 - TOP ONE
T2 - TOP TWO
EF - EACH FACE
IF - INSIDE FACE
OF - OUTSIDE FACE
SF - SOL FACE
BF - BACK FACE
FF - FRONT FACE
ARR - ALTERNATE R

6. ALL LAP LENGTHS FOR BARS TO BE MINIMUM 50xØ.

- GB - GROUND BEAM
FFB - FIRST FLOOR BEAM
SFB - SECOND FLOOR BEAM
TFB - THIRD FLOOR BEAM
EB - EAVES BEAM

REINFORCING NOTES

1. FOR RC PAD FOUNDATION LAYOUT REFER TO DRAWINGS.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REINFORCEMENT SCHEDULE.

3. ALL CONCRETE TO: FOUNDATIONS TO BE:

4. GRADE 30/19
50mm BLINDING LAYER

5. COVER TO REINFORCEMENT = 30mm

B1 - BOTTOM ONE

B2 - BOTTOM TWO

T1 - TOP ONE

T2 - TOP TWO
EACH PAGE

Ef - EACH FACE
E - INSIDE FACE

INSIDE FACE
OF - OUTSIDE FACE

SF - SOIL FACE

BF - BACK FACE

FF - FRONT FACE

ABR. - ALIENANTE BAR REVERSE

6. ALL LAP LENGTHS FOR BARS TO BE MINIMUM 50xØ.

GB - GROUND BEAM

FFB - FIRST FLOOR BEAM

SFB - SECOND FLOOR BEAM

TFB - THIRD FLOOR BEAM

20-02-2026	DATE	ISSUED FOR TENDER	V.K.	A
	DESIGN	V.K	BY	REV
	DRAWN	A.H.		
	CHECKED	D.N.		
DATE ISSUED	20-02-2026	SHEET SIZE		A3

CONSULTANT



Consulting Engineers Pty (Ltd)
CIVIL/STRUCTURAL/ENGINEERING/PROJECT MANAGEMENT SERVICES
Reg No. 2015/05490/06

Pietermaritzburg - Durban - Port Shepstone - Eastern Cape

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UNLASHIRING@KDAENGINEERS.COM

CONSENT

CLIENTE: **UNIONE MAGGIORILE A MANDEI A LOCAL MUNICIPALITY**

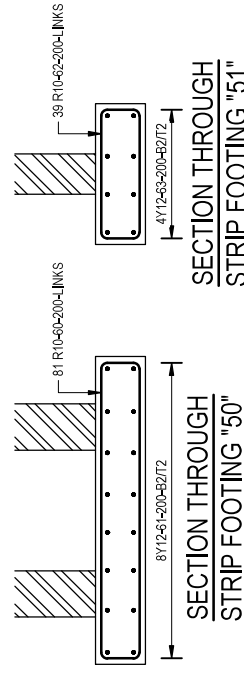
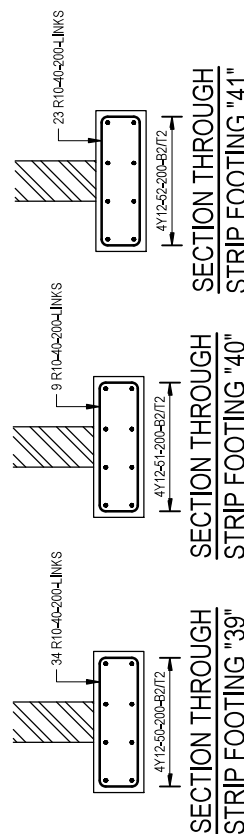
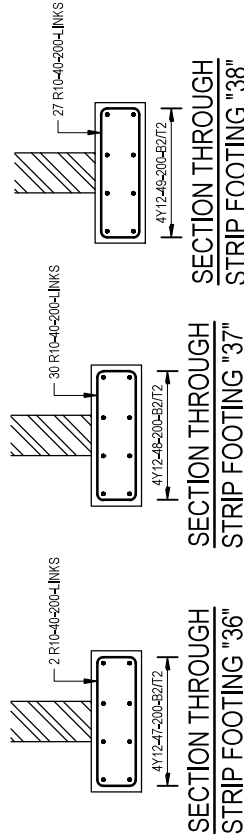
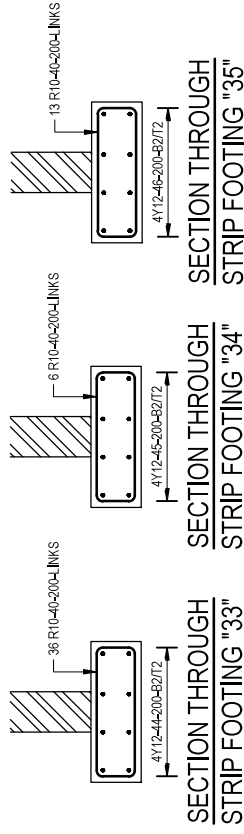
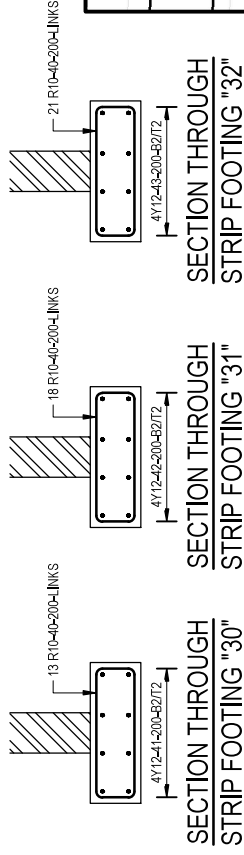
PROJECT:

DRAWING DESCRIPTION:

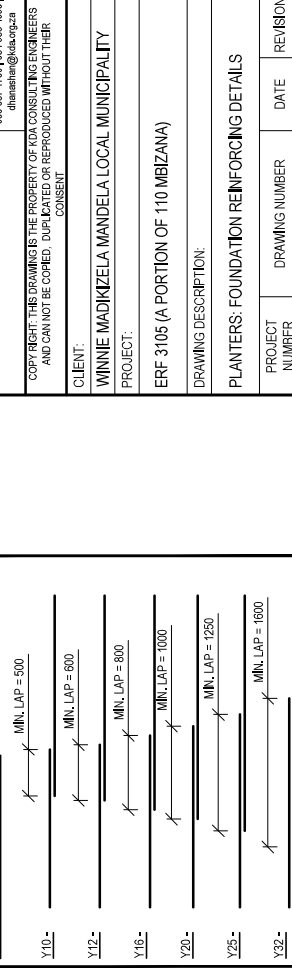
PIANTERS·FOUNDATION REINFORCING DETAILS

PROJECT NUMBER	DRAWING NUMBER	DATE	REVISION
26018	403	20-02-2026	A

Total Mass (Kg)		Dia.	6	3	10	12	16	20	25	32	40	TOTAL
Kg		R			476.3	690.5						476.3
No.		Y										690.5
Unit Size & No. Required	Bar Dia. & No. Unit	Bar Type	Bar Mark	Total Number	Length mm	Shape Code	Bending Dimensions to SANS 282					
							A	B	C	D	E/R	
700x250mm "F30"	1	13 R 10	40	13	1700	60	170	620				
	1	8 Y 12	41	8	3000	20	3000					
700x250mm "F31"	1	18 R 10	40	18	1700	60	170	620				
	1	8 Y 12	42	8	3350	20	3350					
700x250mm "F32"	1	21 R 10	40	21	1700	60	170	620				
	1	8 Y 12	43	8	4750	20	4750					
700x250mm "F33"	1	36 R 10	40	36	1700	60	170	620				
	1	8 Y 12	44	8	6850	20	6850					
700x250mm "F34"	1	6 R 10	40	6	1700	60	170	620				
	1	8 Y 12	45	8	1750	20	1750					
700x250mm "F35"	1	36 R 10	40	36	1700	60	170	620				
	1	8 Y 12	46	8	6900	20	6900					
700x250mm "F36"	1	2 R 10	40	2	1700	60	170	620				
	1	8 Y 12	47	8	1250	20	1250					
700x250mm "F37"	1	30 R 10	40	30	1700	60	170	620				
	1	8 Y 12	48	8	5650	20	5650					
700x250mm "F38"	1	21 R 10	40	27	1700	60	170	620				
	1	8 Y 12	49	8	6000	20	6000					
700x250mm "F39"	1	34 R 10	40	34	1700	60	170	620				
	1	8 Y 12	50	8	7250	20	7350					
700x250mm "F40"	1	9 R 10	40	9	1700	60	170	620				
	1	8 Y 12	51	8	2100	20	2100					
700x250mm "F41"	1	23 R 10	40	23	1700	60	170	620				
	1	8 Y 12	52	8	4850	20	4650					
1530x250mm "F50"	1	8 R 10	60	81	3360	60	170	1450				
	1	48 Y 12	61	48	5750	20	5750					
700x250mm "F51"	1	38 R 10	62	39	1700	60	170	620				
	1	16 Y 12	63	16	4500	20	4500					

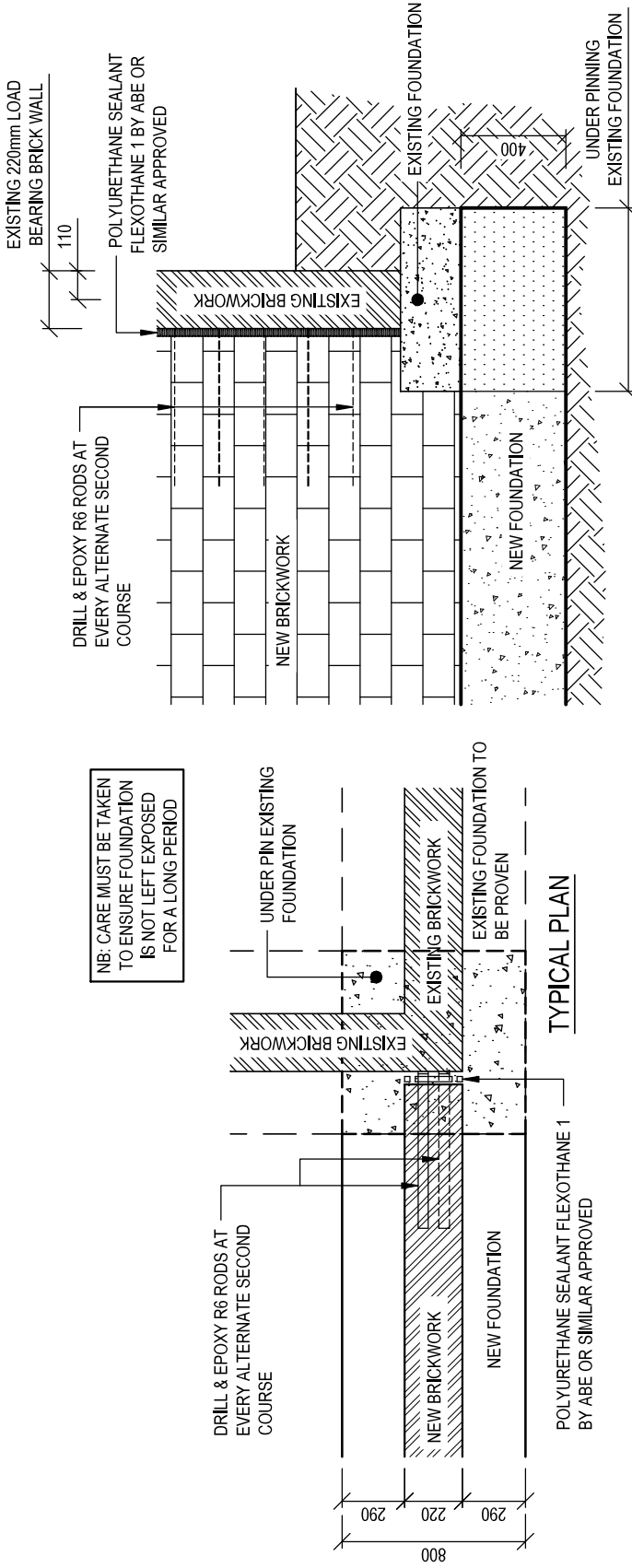


TYPICAL SPLICE DETAILS



ISSUED FOR TENDER	PROJECT NUMBER	DRAWING NUMBER	DATE	REVISION





TYPICAL ELEVATION

UNDER PINNING DETAIL FOR EXISTING FOUNDATION

SCALE 1 : 25

ISSUED FOR TENDER

						CONSULTANT		DESIGN		V.K.	PROJECT				
								DRAWN		A.H.	MBIZANA TRAFFIC DEPARTMENT OFFICES				
								CHECKED		D.N.	DRAWING DESCRIPTION				
A	25-02-2026	ISSUED FOR TENDER				V.K.			DATE ISSUED		25-02-2026	UNDER PINNING DETAIL FOR EXISTING FOUNDATION			
Rev.	DATE	DESCRIPTION		BY				REFERENCE DRAWING				PROJECT NUMBER	DRAWING NUMBER	DATE	REVISION
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