



MUSINA LOCAL MUNICIPALITY

TENDER DOCUMENT REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING

TENDER NO: 05-2024/25

Registered Name of Tenderer	
Trading Name of Tenderer	
Registration No. of Entity	
Contact Person	
Tel No:	Email Address:
Cell No:	Fax No:
Address of registered physical address	
District	Vhembe
No. of Projects	One(1)
Contract Offer (Vat Inclusive (15%))	R

Closing date: 21 October 2024

Closing Time: 11am

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SARS PIN No.	
Income Tax Number	
Vat Number	
Tax Expiry date	
Tenderer CIDB Grading	
CIDB CRS No	
CSD REG Number	
COIDA Certificate No.	

T1.1: Tender Notice and Invitation to Tender

Refurbishment of the Nancefield Municipal Building (BID No. 05-2024/25)

Musina Local Municipality invites suitable and qualified contractors to submit tenders for the Refurbishment of the Nancefield Municipal Building.

Project Number	Name of Project	Municipality	CIDB grading
05-2024/25	Refurbishment of The Nancefield Municipal Building	Musina	6GB and higher

It is responsibility of the bidder to make sure that all the returnable documents and schedules as indicated in section **Part T2 Returnable documents** are up to date when submitting the bid.

The tenders will be evaluated for price and preference. Evaluation for preference and price will be 80/20 Preference Point system where a maximum of **eighty (80)** points will be awarded for price and **twenty (20) points** will be awarded for specific goals.

After price and preference have been scored, arithmetic check and risk assessment will be conducted for those tenderers that are responsive.

Tender closing date and time: **21 October 2024 @ 11:00am**. Completed tender documents must be submitted in sealed envelopes and clearly marked as per Bid Number indicated above in the table for each specific tender and must be deposited in a tender box at **Musina Local Municipality Office**

Musina Local Municipality reserves the right to withdraw any invitation to tender and/or to re-advertise or to reject any tender or to accept a part of it. Successful Bidder will be appointed **on one (1) tender only (Please note one tender equal's one project)**. Bidders to note that the date for **practical completion** shall be eight (8 months) from the **commencement date**.

No Telegraph, telephone, telex, facsimile or any other form of transmittal shall be accepted. Late documents shall not be accepted.

Enquiries: All enquiries regarding this tender must be forwarded to: Email: mukondelin@musina.gov.za (for Technical) and marys@musina.gov.za (for SCM) with the applicable Bid No. as the subject.

Tender document must be completed in full, failure to do so will result with non-responsive.

T1.2 Tender Data

Project title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING		
Tender No:	05-2024/25		
Invitation date:	15 September 2024	Closing date:	21 October 2024
Closing time:	11:00	Validity period	90 days

The conditions of tender are the Standard Conditions of Tender as contained in Annex C of CIDB Standard for Uniformity in Construction Procurement (August 2019). This standard is issued in terms of sections 4(f), 5(3)(c) and 5(4)(b) of the Construction Industry Development Board Act 38 of 2000 read with Regulation 24 of the Construction Industry Development Regulations, 2004 (as amended) issued in terms of section 33.

The Standard Conditions of Tender make several references to the tender data for details that apply specifically to this tender. The tender data shall have precedence in the interpretation of any ambiguity or inconsistency between the tender data and the Standard Conditions of Tender.

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

Clause number (refer to Annex C)	Section	Clause
C1.1.1	Actions	Musina Local Municipality as the employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices. The employer according to the contract is Musina Local Municipality.

C.1.1.2	Actions	Musina Local Municipality and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate. <i>Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.</i> <i>2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.</i>
C.1.1.3	Actions	The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with and complete the contract within the stipulated completion time. Failure to complete will result in penalties being applied and tenderer being blacklisted with CIDB and National Treasury

C.1.4	Communication and employer's agent	Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated below: The employer's representative is (Principal Agent): Sky High Consulting Engineers Address: 14 Peace Street Arbor Park, Tzaneen, 0850 Tel: 015 307 6961 Fax: n/a E-mail: info@shconsulting.co.za
C1.6.3	Proposal procedure using the two stage system	Not applicable.

C.2.1	Eligibility	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to 6GB or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 6GB class of construction work, are eligible to have their tenders evaluated. Please note that your registration should be valid on the day of evaluation as well as on the day of award. Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the 6GB or higher class of construction work; or not lower than one level below the required grading designation in the class of works construction works under considerations and possess the required recognition status. 3. Tenderer can only submit one Bid per tenderer as a joint venture partner or individual company, not both. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 6GB or higher class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations.
C.2.4	Confidentiality and copyright	Bidder to treat confidential all matters arising in connection with the bid. Use and copy the documents issued by Musina Local Municipality only for the purpose of preparing and submitting a bid offer in response to the invitation.
C.2.7	Clarification meeting	None
C.2.8	Seek clarification	Tenderers should request clarification of the tender documents, if necessary, by notifying the Employer's Representative indicated in the Tender Notice and Invitation to Tender in writing at least Seven (7) working days before the closing time stated in the tender data.
C.2.9	Insurance	Musina Local Municipality accepts that the submission of a Tender shall be construed as an acknowledgment by the Tenderer that she/he will provide her/his own insurance for this contract to safeguard the works against damages and the public injuries, diseases etc.

C.2.10.3	Pricing of the tender offer	Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.
C.2.11	Alterations to documents	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.
C.2.13	Submitting a tender offer	C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data. C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink. C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer. C.2.13.4 Sign the original of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. C.2.13.5 Seal the original tender offer marking the as "ORIGINAL" Tender shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address. C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.
C.2.14	Information and data to be completed in all respects	Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as non-responsive
C.2.15	Closing time	The closing time for submission of tender offers is: 21 October 2024 at 11:00am.

C.2.16	Tender Offer validity	The Tender Offer validity period is 90 days. “If the tender validity expires on a Saturday, Sunday or public holiday, the Tender Offer shall remain valid and open for acceptance until the closure of business on the following working day.” The validity period may be extended in writing by the Employer.
C.2.17	Clarification of tender offer after submission	Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted. Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.
C.2.18	Provide other material	C.2.18.1 Provide, on request by the employer, any other material or equipment that has a bearing on the tender offer, the tenderer’s commercial position (including notarized joint venture agreements), preferential arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer’s request, the employer may regard the tender offer as non-responsive. C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.
C.2.19	Inspections, tests and analysis	The Tenderer must provide access during working hours to his premises for inspections on request.
C.3.2	Issue Addenda	If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents

C3.3	Return of late tenders	Late tenders will not be returned.
C.3.8	Test for responsiveness	C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received: a) complies with the requirements of these Conditions of Tender, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would: a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work, b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

C.3.9	Arithmetical errors, omissions and discrepancies'	C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern. C.3.9.2 Check the tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3.11 for: a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in: (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or (ii) the summation of the prices. C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices. C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows: a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected. b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.
C.3.11	Evaluation of Tender offers	The tenders will be evaluated for price and preference. Apply the 80/20 Preference Point system where a maximum of eighty (80) points will be awarded for price and twenty (20) points will be awarded for specific goal After price and preference have been scored, arithmetic check will be conducted for those tenderers that are responsive.

C.3.11	Evaluation of Tender offers (Continued)	Musina Local Municipality is obligated to undertake risk assessment before accepting offers. In doing the risk assessment the following must be considered. 1. Employer is restricted in accordance with clause 4.(4) of the Construction Regulations, 2014, to only appoint a Contractor whom he is satisfied has the necessary competencies and resources to carry out the work safely. 2. Employer is obligated by standards of uniformity to tender to evaluate if the Contractor 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. In this contract the risk assessment will be conducted in relation to the key area below: • Commercial Risk Price offered should not pose commercial risk to completion of the project. • Current workload Musina Local Municipality will assess the Bidders workload and risk thereto. • Projects under construction (not taken Works Completion at time of evaluation), already awarded or being considered for award. • The bid of any bidder will be disregarded if that bidder, or any of its directors have: a. abused MLM supply chain management system; b. committed fraud or any other improper conduct in relation to such system.
C.3.12	Insurance provided by the Employer	The Employer will not take out any insurance.

C.3.13	Acceptance of Tender Offer	Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer: • is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement; • 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; • has the legal capacity to enter into the contract; • is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing; • complies with the legal requirements, if any, stated in the tender data; and • is able, in the opinion of the employer, to perform the contract free of conflicts of interest. Add the following: • A Tender Offer will only be accepted on condition that such acceptance is not prohibited in terms of the Municipal Finance Management Act.
C.3.17	Provide Copies of the Contract	One signed copy of contract shall be provided by the Employer (per tender) to the successful Tenderers.

Part T2: Returnable Documents

T2.1 List of returnable documents

1. Returnable documents

- T2.1.A: Central Supplier Database Registration Full Report. **(If not registered on day of award, tenderer will be disqualified)**
- T2.1.B: CIDB registration print out **(Registration will be verified online and if not valid on day of award, tenderer will be disqualified)**
- T2.1.C: Certificate of Good Standing with Workman Compensation Commissioner (COIDA/FEM). **(Registration will be verified online and if not valid on day of award, tenderer will be disqualified).**
- T2.1.D: Technical Qualifications
- T2.1.E: Completed Projects
- Plant Schedule
- Bank Rating Certificate

T2.2 List of returnable schedules

The tenderer is required to fully complete and/or submit the following documents with the tender.

2. Returnable schedules that will be used to determine responsiveness:

- T2.2.A: Record of Addenda to Tender Documents
- T2.2.B: Compulsory Questionnaire
- T2.2.C: Resolution for signatory
- T2.2.D: Programme of Works
- T2.2.F: Additional Particulars Concerning Tenders.
- T2.2.G: Preference schedule: Specific goals
- SBD 1: Invitation to bid
- SBD 2: Valid Tax Compliance Status Pin. (Validity will be verified online- during supply chain management processes)
- SBD 4: Declaration of Interest.
- SBD 6.1: Preference Point Claim Form in terms of the preferential procurement regulations 2022.
- C1.1 Form of Offer and Acceptance (must be completed per tender - Failure to complete and sign will result into disqualification.)

3. Returnable schedules that will be incorporated into the contract:

- C1.1 Form of Offer and Acceptance
- C1.2 Contract Data
- C2.1 Form of Guarantee
- C2.2 Bill of Quantities **(must be completed in full, i.e. rates for all items must be provided- Failure to complete will result into disqualification)**
- C3 Scope of work
- C4 Site information

T2.1.A: Central Supplier Database (CSD) Registration Report.

NB: Certified ID copies of all members / owners /directors / shareholders / Trustees of the company

Attach: Copy of municipal rates and taxes statement of account not older than three months for all directors and for the company

If not registered on day of award, tenderer will be disqualified

T2.1.B: Copy of CIDB Print-Out

Tenderer to attach CIDB print-out. Registration will be verified on line and if not valid on day of award, tenderer will be disqualified).

**T2.1.C: Certificate of Good Standing with Workman's Compensation
Commissioner. (COIDA)**

Tenderer to attach Certificate of Good Standing with Workman's
Compensation Commissioner. Validity of certificate will be verified online.

Mandatory Requirements

Table 1: Company's Experience & References: Building Engineering works in the past 5 years

	Target Goals: List reference with details (Building Engineering Works)
1.	Minimum: R4m
2.	R4,m to R6m
3.	R6,1m to R8m
4.	R8.1m to R10m
5.	More than R10m
	Maximum Points obtainable

NB: Please attach at least 4 appointment letters & completion certificates

Table 2: Personnel knowledge & experience:

No.	Target goals	Number of personnel
1.	N6 Certificate in Building engineering	
2.	National diploma: Building engineering + 1 to 5 yrs. experience in Building engineering works	
3.	National diploma: Building engineering with more than 5 yrs. experience	
4.	Register with ECSA as a: Professional technician/Technologist/Engineer	

NB: Please attach the employment structure with CV's & Certified Copies of qualifications

Table 3: Financial status

	Rating
Bank rating C or higher	Attach proof

NB: Attach Bank letter to confirm bank rating

Certified Copy of three (3) years latest Audited Annual Financial Statements of company since establishment if established during the past three years

Provide list of Plant & Equipment's which you own.

NB: Proof of ownership of plants must be submitted with tender.

1. ADMINISTRATIVE COMPLIANCE

Check whether the bidder has submitted all compulsory documents

Confirmation of VAT Registration: pinned issued
Rates & Tax Account (Municipal Bill) for All Company Directors and For The Company
CIDB Grading of 6GB or higher
Attach CSD Report
Letter of Good standing from Workman's Compensation
Letter of Good standing from UIF
Certified ID copies of all members / owners / shareholders / Trustees
Certified copies of CC or Company registration Certificate
Certified copy of 3yrs Audited Financial Statements of company
All other documents as indicated in the JBCC Contract
All pages must be initialed including drawings

Evaluation Criteria

- All bids will be evaluated in terms of Supply Chain Management regulations, Musina Local Municipality Supply Chain Policy and the Preferential Procurement Regulation of 2022.

1.1. Assessment Criteria

All bids received will be evaluated as follows:

First stage

Mandatory Requirements and specific goals to assess each bidder's ability to execute the scope of work/ contract

Second stage

Price and specific goals

T2.1.D: Technical Qualifications

The bidder to complete the table below and submit the following key personnel's CVs and certified qualifications

- CV's Contract manager with 3 years built environment qualification (Building/Construction, Quantity Surveying or Civil Engineering) with at least 3 year's relevant experience
- OHS officer registered with SACPCMP
- Foreman at least with 5 year's relevant experience

Provide details of key personnel below

Name and Surname	Position	Qualification	CV attached	Certified certificate attached	No. of years of relevant experience
	Contract Manager/ Site Agent				
	OHS Officer				
	Foreman				

Signed on behalf of the Tenderer		Date	
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T2.1.E: Completed Projects

The bidder to complete the table below and submit at least four appointment letters and completion certificates (Practical/Final Completion Certificates)

Provide details of completed projects

Project	Client	Client Contact Person & Contact No.

Tenderer's signature		Date	
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T2.2.A: Record of Addenda to Tender Documents

We confirm that the following communications received from Musina Local Municipality before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: Addenda to be attached with tender documents is compulsory.

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

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Enterprise name _____

T2.2.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 3 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 Province | ☐ 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, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

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

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

- | | |
|--|---|
| ☐ a member of any municipal council | ☐ 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 the National Assembly or the National Council of Province | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the board of directors of any municipal entity | ☐ an employee of Parliament or a provincial legislature |
| ☐ an official of any municipality or municipal entity | |

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

*insert separate page if necessary

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

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

Signed _____ Date _____

Name _____ Position _____

Enterprise name _____

T2.2.C: RESOLUTION FOR SIGNATORY

Project title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
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A: CERTIFICATE OF AUTHORITY FOR SIGNATORY (COMPULSORY FOR COMPLETION)

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

An example is given below:

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

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

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

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

1. _____ SIGNATURE: _____

2. _____ SIGNATURE: _____

T2.2.D: Programme of Works

All works to be completed in 8 Months, excluding builders break. (the contractor is expected to establish site at the Municipal Building.

Signed	_____	Date	_____
Name	_____	Position	_____
<i>Enterprise name</i>	_____		

T2.2. F: ADDITIONAL PARTICULARS CONCERNING TENDERERS

Project title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
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SURETIES AS SECURITY (OPTIONAL FOR THOSE THAT CHOOSE TO PROVIDE CONSTRUCTION GUARANTEE AS SECURITY)

Since I/we propose to furnish one sureties as security, the following particulars are provided:

1.1 Name of surety:

.....
.....

Address of surety:

.....
.....

Bank of surety:

.....

Branch:

.....

T2.2. G: Preference schedule: Specific Goal

Tenderer to attach full CSD report, CIPC Documents and Medical certificate to confirm disability (if applicable).

NB: The bidder must submit a CSD number or CIPC documents indicating share ownership or directorship of the company or a comprehensive CSD report which must indicate the names of the owners, their gender, race, age, whether there is a person living with disability (Medical certificate will be used to verify the disability status of the bidder) or not and the address of a company in order to claim the preferential procurement points.

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF MUSINA LOCAL MUNICIPALITY					
BID NUMBER:	05-2024/25	CLOSING DATE:	21 October 2024	CLOSING TIME:	11:00am
DESCRIPTION	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Musina Local Municipality					
Musina					
Limpopo Province					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Mary		CONTACT PERSON	Mukondeleli	
TELEPHONE NUMBER			TELEPHONE NUMBER		
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	marys@musina.gov.za		E-MAIL ADDRESS	mukondelelin@musina.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				☐ YES ☐ NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				☐ YES ☐ NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4.	THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS	
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA .
2.4	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6	WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7	NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

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

SIGNATURE OF BIDDER:

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

DATE:

SBD2: TAX COMPLIANCE STATUS AND PIN 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.

- Tenderer to attach tax compliance status and pin number document. Validity will be verified on- line during supply chain management processes.

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. BIDDER'S DECLARATION

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

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

Full Name	Identity Number	Name of institution	State

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

- 2.2.1 If so, furnish particulars:

.....

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

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

- 2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

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

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

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

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2022/23 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

MBD 5

DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire:

- 1 Are you by law required to prepare annual financial statements for auditing?

***YES / NO**

- 1.1 If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.

***YES / NO**

.....

.....

- 2 Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?

- 2.1 If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.

- 2.2 If yes, provide particulars.

.....

.....

3. Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?

***YES / NO**

3.1 If yes, furnish particulars

.....

.....

4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?

***YES / NO**

4.1 If yes, furnish particulars

.....

.....

CERTIFICATION

I, THE UNDERSIGNED (NAME)

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

SBD 6.1

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

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

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**
- a) The applicable preference point system for this tender is the **80/20** preference point system.
- 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.

The maximum points for this tender are allocated as follows:

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

- 1.4 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.
- 1.5 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.
- ### 2. DEFINITIONS
- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
 - (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
 - (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the

time of bid invitation, and includes all applicable taxes;

- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20	or	90/10
$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$	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

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

3.2.1. POINTS AWARDED FOR PRICE

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

80/20	or	90/10
$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$	or	$Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Bidder's Points
Points for HDI Status (At least 51% Black owned)	10	
Points for 51% Women's Equity	4	
Ponts for black person with disability	3	
Points for 51% Youth owned Firm	3	
Form not completed	0	
Total Points	20	

NB: The bidder must submit a CSD number or CIPC documents indicating share ownership or directorship of the company or a comprehensive CSD report which must indicate the names of the owners, their gender, race, age, whether there is a person living with disability (Medical certificate will be used to verify the disability status of the bidder) or not and the address of a company in order to claim the preferential procurement points.

DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.3. Name of company/firm.....
- 4.4. Company registration number:
- 4.5. TYPE OF COMPANY/ FIRM
- ☐ Partnership/Joint Venture / Consortium
 - ☐ One-person business/sole propriety
 - ☐ Close corporation
 - ☐ Public Company
 - ☐ Personal Liability Company
 - ☐ (Pty) Limited
- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
- i) The information furnished is true and correct;
 - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
 - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
 - iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

Part C1: Agreement and Contract Data
C1.1 Form of Offer and Acceptance

Table with 2 columns: Tender No: and 05-2024/25

OFFER

The Implementing Agent, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING

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

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

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

.....
.....
.....
..... (in words)

R.....
..... (in figures) This offer may be accepted by the Employer by signing the acceptance part of this form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the tender data, whereupon

the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

The offered amount should be VAT inclusive. If the contractor is not VAT registered, given the contract value the Contractor will be legally obligated and required to immediately register for VAT and charge Vat IF awarded the tender.

SIGNED FOR THE TENDERER:

Signatures (s)			Date
Name(s)			
Capacity			
For the tenderer			
	(Name and address of Tenderer)		

WITNESSED BY:

Name of Witness	Signature	Date

ACCEPTANCE

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

The terms of the contract, are contained in:

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

Part C2 : Pricing data

Part C3 : Scope of work

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

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

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

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

FOR THE EMPLOYER:

Designation	Name of Signatory	Signature	Date

Name of Organisation:	MUSINA LOCAL MUNICIPALITY
Address of Organisation	MUSINA LOCAL MUNICIPALITY. Private Bag x611 Musina 0900

WITNESSED BY:

Name of Witness	Signature	Date

SCHEDULE OF DEVIATIONS:

1.1.1. Subject:
Detail:

1.1.2. Subject:
Detail:

1.1.3. Subject:
Detail:

1.1.4. Subject:
Detail:

1.1.5. Subject:
Detail:

1.1.6. Subject:
Detail:

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data

and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

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

C1.2 SCHEDULE

C1.2: SCHEDULE:

The Conditions of Contract are clauses 1 to 41 of the **JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005)** published by the Joint Building Contracts Committee.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057-3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909; 011-4860684; 053-8312003;)

The JBCC Principal Building Agreement makes several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the JBCC Principal Building Agreement.

Each item of data given below is cross-referenced to the clause in the JBCC Principal Building Agreement to which it mainly applies.

Project title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
Tender No:	05-2024/25

	CONTRACT VARIABLES THE SCHEDULE
--	--

42.0	Part 1: Contract Data completed by the Employer
-------------	--

42.1	CONTRACTING AND OTHER PARTIES
42.1.1	Employer: MUSINA LOCAL MUNICIPALITY Postal address: Private Bag X 611, Musina, 0900 Tel: 015 534 6100
[1.2]	Physical address: Civic Center, 21 Irwin Street, Musina , 0900

42.2	CONTRACT DETAILS
42.2.1	Works description: Refer to document C3 – Scope of Work.
42.2.2	Site description: Refer to document C4 – Site Information.
42.2.4 [41.0]	Specific options that are applicable to a State organ only Where so :
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : Ten (10) working days.
42.2.7 [24.3.1] [30.1]	For the works as a whole: The date for practical completion shall be 8 Months from the commencement date and the penalty per calendar day shall be 0.01% of the of final value per calendar day, to a maximum amount of 10 % of the contract award value
42.2.9 [1.2]	The law applicable to this agreement shall be that of the: Republic of South Africa

42.3	INSURANCES
42.3.1	Contract works insurance to be effected by the contractor
42.3.2	Supplementary insurance is required: Yes No ☒
42.3.3 [11.1#, 12.1 #]	Public liability insurance to be effected by the contractor ☒ For the sum of 10% Contract Value

42.4	DOCUMENTS
42.4.3	Bills of quantities drawn up in accordance with: ASAQs Standard System of Measuring Building Works
42.4.5 [3.4]	JBCC Preliminaries (May 2005) JBCC Principal Building Agreement (March 2005) are to be included in the contract documents for use with the JBCC Nominated/selected Subcontract Agreement.

42.4.6 [31.5.3] [32.13]	The contract value is to be adjusted using CPAP Yes No ☒ indices: Alternative Indices: Not Applicable
42.4.7 [3.10]	Details of changes made to the provisions of JBCC standard documentation Clause 1.1 COMMENCEMENT DATE – means the date of issue of the Letter of Acceptance or any such other date as may be specified in the Letter of Acceptance, whichever is the later, provided always that any such other date so specified shall not be more than Fourteen (14) calendar days after the date of the Letter of Appointment.

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

CONSTRUCTION PERIOD – “as captured in the Contract under State Provisions”.

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

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

INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:

(a) in respect of interest owed by the **employer**, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of

the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and

(b) in respect of interest owed to the **employer**, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply

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

3.2.1 A **construction guarantee** in terms of 14.0, where so elected in his/her tender.

3.7 Add at the end thereof:

The **contractor** shall supply and keep a copy of the JBCC applicable to this contract on **site**, to which the **employer**, **principal agent** and **agents** shall have access to at all times.

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

5.1.2 under clause 41- Include reference to 32.6.3; 34.3 and 34.4 in terms of which the

employer has retained its authority and has not given a mandate to the **principal agent** and in terms of which the employer shall sign all documents.

Damage to the works

- a) Without in any way limiting the **contractor’s** obligations in terms of the contract, the **contractor** shall bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and **security** measures and other steps for the protection and **security** of the **works** as the **contractor** may deem necessary
- b) The **contractor** shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**
- c) The **employer** shall carry the risk of damage to or destruction of the **works** and materials paid for by the **employer** that is the result of the excepted risks as set out in 10.6
- d) Where the **employer** bears the risk in terms of this contract, the **contractor** shall, if requested to do so, reinstate any damage or destroyed portions of the **works** and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

10.6 Add the following as 10.6

Injury to Persons or loss of or damage to Properties

- a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or neglect of any person for whose actions the **employer** is legally liable
- b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the **site**, whether belonging to or under the

	control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or neglect of any person for whose actions the employer is legally liable c) The contractor shall upon receiving a contract instruction from the principal agent cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor. d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion. e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor, shall and will remain adequately insured or insured against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works 10.7 Add the following as 10.7 HIGH RISK INSURANCE In the event of the project being executed in a geological area classified as a “High Risk Area”, that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or do line formation the following will apply: 10.7.1 Damage to the works The contractor shall, from the commencement date of the works until the date of the certificate of practical completion, bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary
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When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**, at the **contractor's** own costs

10.7.2 Injury to persons or loss of or damage to property

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

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty one (21) calendar days of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.7.4 The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole.

14.0 Replace the entire clause 14.0 with the following:

14.0 SECURITY

14.1 The **security** to be submitted by the **contractor** to the **employer** will be as a payment reduction of up to ten per cent (10%) of the value certified in the **payment certificate** (excluding VAT)

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

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

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

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

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

An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within fourteen (14) calendar days of **commencement date**

15.2.1 Under 41: Amend to read as follows:

"Give the **contractor** possession of the site within **ten (14) working days** of the **contractor** complying with the terms of 15.1.2 and 15.1.4

31.8(A) Where a **security** is selected in terms of 14.1; the value of the **works** in terms of 31.4.1 and of the **materials and goods** in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:

31.8(A).1 Ninety-five per cent (95%) of such value in interim **payment certificates** issued up to the date of **practical completion**

31.8. (A).2Ninety-seven per cent (97.5%) of such value in interim **payment certificates** issued on the date of **practical completion** and up to but excluding the date of **final completion**

31.8(A).3 Ninety-nine per cent (99%) of such value in interim **payment certificates** issued on the date of **final completion** and up to but excluding the final **payment certificate** in terms of 34.6

31.8(A).4 One hundred per cent (100%) of such value in the final **payment certificate** in terms of 34.6 except where the amount certified is in favour of the **employer**. In such an event the payment reduction shall remain at the adjustment level applicable to the final **payment certificate**.

	33.2.9 the contractor's failure or neglect to commence with the works on the dates prescribed in the contract 33.2.10 the contractor's failure or neglect to proceed with the works in terms of the contract 33.2.11 the contractor's failure or neglect for any reason to complete the works in accordance with the contract 33.2.12 the contractor's refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract 33.2.13 the contractor's estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 34.13 Replace "seven (7) calendar days" with "twenty-one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due" 36.3 Remove reference to "No clause", and replace "principal agent" with "employer" 36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of 37.5 this agreement either by the employer or the and contractor; or for any reason and whatsoever, the contractor shall on written instruction, discontinue with the (38.7) works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever" 37.3.5 Replace "ninety (90)" with "one hundred and twenty (120) and 38.5.4 39.3.5 Add the following words at the end thereof:" within one hundred and twenty (120) working days of completion of such report" 40.2.2 under clause 41 – Replace "one (1) year" with "three (3) years" 40.6 under clause 41 – Remove reference to no clause 40.7.1 Change "(10)" to "(15)" Add the following to the end thereof: Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.
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42.0	Part 2: Contract Data provided by the Contractor:
	POST-TENDER INFORMATION Note: All information for this section requires consultation with the contractor. The principal agent shall not pre-select any of the alternatives available to the contractor
42.5	CONTRACT DETAILS
42.5.1	Contractor: Postal address: Tel: Fax: E-mail: TAX / VAT Registration No: Physical address:
42.5.2	The accepted contract sum/s inclusive of value added tax is: Bid No.: 05-2024/25: R..... (Figures) (Words)
42.5.7 [14]	The security to be provided by the contractor: (a) in respect of contracts above R1 million, the contractor will provide security in terms of 14.1

	(1) The security to be submitted by the contractor to the employer will be a construction Guarantee of 10% of the contract value OR Yes ☐
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42.7	SIGNATURES OF THE CONTRACTING PARTIES Thus done and signed at _____ on _____ <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> _____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory </td> <td style="width: 50%; vertical-align: top;"> _____ for and behalf of the Employer who by signature hereof warrants authorization hereto _____ as Witness _____ for and behalf of the Contractor who by signature hereof warrants authorization hereto _____ as Witness </td> </tr> </table>	_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ for and behalf of the Employer who by signature hereof warrants authorization hereto _____ as Witness _____ for and behalf of the Contractor who by signature hereof warrants authorization hereto _____ as Witness
_____ Name of signatory _____ Capacity of signatory Thus done and signed at _____ on _____ _____ Name of signatory _____ Capacity of signatory	_____ for and behalf of the Employer who by signature hereof warrants authorization hereto _____ as Witness _____ for and behalf of the Contractor who by signature hereof warrants authorization hereto _____ as Witness		

C1.3 Form of Guarantee

C 1.3: CONSTRUCTION GUARANTEE - JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005)

Project title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
Tender No:	05-2024/25

1. With reference to the contract between _____
_____ (hereinafter referred to as the “**contractor**”) and Musina Local Municipality (hereinafter referred to as the **employer**”). Tender No: **05-2024/25** for the **REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING** (Herein after referred to as the “contract”) in the amount of
R _____,
_____ (in words), (hereinafter referred to as the **contract sum**.)
I/We, _____
in my/our capacity as _____ and hereby
representing _____ (hereinafter referred to as the **guarantor**”) advise that the **guarantor** hold at the **employer’s** disposal the sum of
R _____,
_____, (in words)
being **10%** of the **contract sum** (excluding VAT), for the due fulfilment of the contract.
2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia, non causa debiti; excussionis et divisionis*; and all other exceptions which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof i/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed, during the period when the claim is received by the **guarantor**, on receipt of a written demand from the **employer** to do so, and which demand the **employer** may make if the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
3. Subject to the above, but without in any way detracting from the **employer’s** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer**, at any stage prior to the expiry of this guarantee.

4. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last final **payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.
5. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from foregoing, any compromise, extension of the **construction period**, indulgence, release or variation of the **contractor's** obligation shall not affect the validity of this guarantee.
6. This undertaking is neither negotiable nor transferable, and
 - a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 4 above, or
 - b) shall lapse on the date of the last **certificate of practical completion**; and
 - c) shall not be interpreted as extending the **guarantor's** liability to anything more than payment of the amount guaranteed.

SIGNED AT _____ ON THIS _____ DAY OF _____ 20__

AS WITNESS

1. _____
2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

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

DATE: _____

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

Part C2: PRICING DATA

C2.1: PRICING INSTRUCTIONS

1. The Bills of Quantities have been drawn up in accordance with the latest edition of Standard System of Measuring Building Work published and issued by the Association of South African Quantity Surveyors and, where applicable, the:
 - a) civil engineering work has been drawn up in accordance with the provisions of the latest edition of SANS 1200 Standardized Specifications for Civil Engineering Works.
 - b) electrical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).
2. The agreement is based on the JBCC Series 2000 Principal Building Agreement Edition 4.1 (March 2005), prepared by the Joint Building Contracts Committee. 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 Bills of Quantities are recited.
3. Preliminary and general requirements are based on JBCC Preliminaries (May 2005).
4. It will be assumed that prices included in the Bills of Quantities 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).
5. The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the Principal Agent and can be viewed at any time during office hours up until the completion of the works.
6. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
7. Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)
8. 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 (Preliminaries) of the Bills of Quantities
9. The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor’s risk.
10. The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the

same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.

11. Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 10 but taking into account the revised period for completing the works.
12. The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:
 - a) an amount which is not to be varied, namely Fixed (F)
 - b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
 - c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).
13. Where no provision is made in the Bills of Quantities to indicate which of the three categories in 12 apply or where no selection is made, the adjustments shall be based on the following breakdown:
 - a) 10 percent is Fixed;
 - b) 15 percent is Value Related
 - c) 75 percent is Time Related.
14. The adjustment of the Preliminaries shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.

C2.: BILL OF QUANTITIES

The priced Bill of Quantities (BOQ's), following hereafter will form an integral part of the "Contract" between the successful appointed Contractor and the Employer.

It is compulsory for the Tenderer to complete the Bill of Quantities in full. Failure to complete the Bill of Quantities in full, the tender shall be disqualified.

Item No	Quantity	Amount R
<u>SECTION 1</u>		
<u>BILL NO 1</u>		
<u>PRELIMINARIES</u>		
<u>NOTE</u>		
All prices/rates to be net, excluding Value Added Tax		
<u>SUPPLEMENTARY PREAMBLES</u>		
<u>Meaning of terms "Tender" and "Tenderer"</u>		
Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"		
<u>Preliminaries and agreement</u>		
The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement, Edition 4.1, Code 2101, March 2005 (Public and Private Sector Compatible), is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not Applicable"		
<u>Pricing of preliminaries</u>		
Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories with the applicable amount entered against each relevant category, where "Fixed" denotes a fixed amount (amount not to be varied), "Value Related" denotes an amount variable in proportion to value and "Time Related" denotes an amount in proportion to time		
Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities		
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Item No		Quantity	Amount R
	<u>General</u> i) Tenderers are referred to the above-mentioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary ii) Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading ----- <u>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</u> <u>Definitions (A1)</u> 1 Definitions and interpretation (clause 1) Clauses 1.1 is amended by adding the following definitions: - Definition of "commencement date" is added: "COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect - Definition of "construction guarantee" is amended by replacing it with the following: "CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule - Definition of "construction period" is amended by replacing it with the following: "CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion - Definition of "corrupt practice" is added: "CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to		
	Carried to Collection Page Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY	R	

Item No		Quantity	Amount R
	influence the action of a public official in the procurement process or in contract execution		
-	Definition of " fraudulent practice " is added: " FRAUDULENT PRACTICE " means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition		
-	Definition of " interest " is amended by replacing it with the following: " INTEREST " means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999)		
-	Definition of " principal agent " is amended by replacing it with the following: " PRINCIPAL AGENT " means the person or entity appointed by the employer and named in the schedule . In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as named in the schedule		
-	Definition of " security " is amended by replacing it with the following: " SECURITY " means the form of security provided by the employer or contractor , as stated in the schedule , from which the contractor or employer may recover expense or loss		
	Clause 1.6 is amended by replacing the words "pre-paid registered post, telefax or e-mail" with "pre-paid registered post or telefax"		
	Clause 1.6.4 is amended by replacing it with the following:		
-	No clause		
	F:..... V:..... T:.....	Item	
		R	
	Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY		
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Item No		Quantity	Amount R
	<u>Objective and Preparation (A2 to A14)</u>		
2	Offer acceptance and performance (clause 2) F:..... V:..... T:.....	Item	
3	Documents (clause 3) Clause 3.2.1 is amended by replacing "14.1" with "14.0" Clause 3.7 is amended by the addition of the following: The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site , to which the employer, principal agent and agents shall have access at all times. Clause 3.10 is amended by replacing the second reference to " principal agent " with the word " employer " F:..... V:..... T:.....	Item	
4	Design responsibility (clause 4) Clause 4.3 is amended by replacing it with the following: - No clause F:..... V:..... T:.....	Item	
5	Employer's agents (clause 5) Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 F:..... V:..... T:.....	Item	
6	Site representative (clause 6) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
7	Compliance with regulations (clause 7) Note: A separate clause has been included in Section C: Specific Preliminaries of of quantities / lump sum document for the contractor to have the opportunity for all the requirements of the Occupational Health and Safety Act, Co Regulations and Health and Safety Specification F:..... V:..... T:.....	Item	
8	Works risk (clause 8) F:..... V:..... T:.....	Item	
9	Indemnities (clause 9) F:..... V:..... T:.....	Item	
10	Works insurance (clause 10) Clause 10.0 is amended by the addition of the following clauses: 10.5 Damage to the works: (a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works (c) The employer shall carry the risk of damage to or destruction of the works and material paid for by the employer that is the result of the excepted risks as set out in 10.6 (d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof 10.6 Injury to persons or loss of or damage to properties:		
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Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Amount R
(a)	The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable		
(b)	The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site , whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable		
(c)	The contractor shall, upon receiving a contract instruction from the principal agent , cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor		
(d)	The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion		
(e)	Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed		
(f)	The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works		
10.7	Injury to persons or loss of or damage to properties: In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement		
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Item No		Quantity	Amount R
	evident by sinkhole or doline formation the following will apply: 10.7.1 Damage to the works: The contractor shall, from the commencement date of the works until the date of the certificate of practical completion bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs 10.7.2 Injury to persons or loss of or damage to property: The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract 10.7.3 Insurance to cover risk and liability: It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so 10.7.4 Employer shall be entitled to recover losses and/or damages:		
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	The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole F:..... V:..... T:.....		
11	Liability insurances (clause 11) F:..... V:..... T:.....	Item	
12	Effecting insurance (clause 12) F:..... V:..... T:.....	Item	
13	No Clause (clause 13) F:..... V:..... T:.....	Item	
14	Security (clause 14) Clauses 14.1 to 14.9 are amended by replacing them with the following: 14.1 In respect of contracts with a contract sum up to R1 million, the security to be provided by the contractor to the employer will be a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding value added tax): 14.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A) 14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor 14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule . Such security shall be provided to the employer within twenty one (21)	N/A	
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	calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected		
14.3	Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding value added tax) has been selected:		
14.3.1	The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding value added tax) within twenty one (21) calendar days from commencement date		
14.3.2	Within twenty one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding value added tax) and refund the balance to the contractor		
14.3.3	Within twenty one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding value added tax) and refund the balance to the contractor		
14.3.4	On the date of payment of the amount in the final payment certificate , the employer shall refund the remainder of the cash deposit to the contractor		
14.3.5	The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor		
14.3.6	The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party		
14.4	Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding value added tax) has been selected:		
14.4.1	The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding value added tax) within twenty one (21) calendar days from commencement date		
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14.4.2	The variable construction guarantee shall reduce and expire in terms of the variable construction guarantee form		
14.4.3	The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring		
14.4.4	Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee		
14.5	Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding value added tax) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding value added tax) has been selected:		
14.5.1	The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding value added tax)		
14.5.2	The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of practical completion		
14.5.3	The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring		
14.5.4	The payment reduction of the value certified in a payment certificate shall be in terms of 31.8(A) and 34.8		
14.5.5	Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both		
14.6	Where security as a cash deposit of five per cent (5%) of the contract sum (excluding value added tax) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding value added tax) has been selected:		
14.6.1	The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding value added tax) within twenty one (21) calendar days from commencement date		
14.6.2	Within twenty one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor		
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14.6.3	The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)		
14.6.4	Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both		
14.7	Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding value added tax) has been selected:		
14.7.1	The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(B)		
14.7.2	The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor		
14.8	Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement		
14.9	Should the contractor fail to furnish the security in terms of 14.2, the employer , in his sole discretion and without notification to the contractor , is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding value added tax), whereafter 14.7 shall be applicable		
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	<u>Execution (A15-A23)</u>		
15	Preparation for and execution of the works (clause 15) Clause 15.1.1 is amended by replacing it with: 15.1.1 No clause Clause 15.1.2 is amended by replacing it with: 15.1.2 The security selected in terms of 14.0 Clause 15.1 is amended by the addition of the following clause: 15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty one (21) calendar days of commencement date Clause 15.2.1 is amended by replacing it with the following clause: 15.2.1 Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4 F:..... V:..... T:.....	Item	
16	Access to the works (clause 16) F:..... V:..... T:.....	Item	
17	Contract instructions (clause 17) Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected sub-contractors" and replacing it with the following words: - "and the appointment of selected sub-contractors" F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
18	Setting out of the works (clause 18) The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments The contractor shall perform tolerance control checks regularly throughout the contract period and report on this at regular interval to the principal agent in the approved format. Should the contractor fail to comply with this requirement to the satisfaction of the principal agent, progressively as the structure is being constructed, the employer will commission a Registered Land Surveyor to do so on the contractor's behalf and at the contractor's expense. F:..... V:..... T:.....	Item	
19	Assignment (clause 19) F:..... V:..... T:.....	Item	
20	Nominated sub-contractors (clause 20) Clause 20.1.3 is amended by replacing it with the following: 20.1.3 No clause Note: See clause B9.1 hereinafter for adjustment of attendance on nominated sub-contractors executing work allowed for under provisional sums F:..... V:..... T:.....	Item	
21	Selected sub-contractors (clause 21) Clause 21 is amended by replacing with: - No clause F:..... V:..... T:.....	Item	
22	Employer's Direct Contractors (clause 22) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
23	Contractor's Domestic Sub-Contractors (Clause 23) F:..... V:..... T:.....	Item	
	<u>Completion (A24-A30)</u>		
24	Practical completion (clause 24) F:..... V:..... T:.....	Item	
25	Works completion (clause 25) F:..... V:..... T:.....	Item	
26	Final completion (clause 26) Clause 26.1.2 is amended by inserting "#" next to 26.1.2 F:..... V:..... T:.....	Item	
27	Latent defects liability period (clause 27) F:..... V:..... T:.....	Item	
28	Sectional completion (clause 28) F:..... V:..... T:.....	Item	
29	Revision of date of practical completion (clause 29) Clause 29.2.5 is amended by replacing it with: - No clause F:..... V:..... T:.....	Item	
30	Penalty for non-completion (clause 30) F:..... V:..... T:.....	Item	
	<u>Payment (A31 - A35)</u>		
31	Interim payment to the contractor (clause 31)		
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	Clause 31.5.2 is amended by replacing “14.7.1” with “14.0” Clause 31.8 is amended by replacing it with the following two alternative clauses: Alternative A: 31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(A).1 Ninety five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion 31.8(A).2 Ninety seven per cent (97%) of such value in interim payment certificates issued up to the date of practical completion and up to but excluding the date of final completion 31.8(A).3 Ninety nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Alternative B: 31.8(B) Where security as a payment reduction in terms of 14.7 has been selected, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion 31.8(B).2 Ninety seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(B).3 Ninety nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6		
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	31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Clause 31.12 is amended by deleting the following sentence: - "Payment shall be subject to the employer giving the contractor a tax invoice for the amount due" F:..... V:..... T:.....		
32	Adjustment to the contract value (clause 32) Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence: - "due to no fault of the contractor" F:..... V:..... T:.....	Item	
33	Recovery of expense and loss (clause 33) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
	Cancellation (A36-A39)		
36	Cancellation by employer - contractor's default (clause 36) Clause 36.1 is amended by the addition of the following clauses: 36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or in executing the contract Clause 36.3 is amended by removing the reference to "No clause" and by replacing the words "principal agent" with "employer" Clause 36.0 is amended by the addition of the following clause: 36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
37	Cancellation by employer - loss and damage (clause 37) Clause 37.3.5 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever F:..... V:..... T:.....	Item	
38	Cancellation by contractor - employer's default (clause 38) Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)" Clause 38.0 is amended by the addition of the following clause: 38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever F:..... V:..... T:.....	Item	
39	Cancellation - cessation of the works (clause 39) Clause 39.3.5 is amended by the addition of the following at the end of the sentence: - "within one hundred and twenty (120) working days of completion of such a report" F:..... V:..... T:.....	Item	
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	<u>Dispute (A40)</u>		
40	Dispute settlement (clause 40) Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years" Clause 40.6 is amended by removing the reference to: - No clause Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following: - Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs F:..... V:..... T:.....	Item	
	<u>Substitute Provisions (A41)</u>		
41	State clauses (Clause 41) F:..... V:..... T:.....	Item	
	<u>THE SCHEDULE</u>		
	Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder		
42	Pre-tender information (clause 42) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
42.1	<u>CONTRACTING AND OTHER PARTIES</u>		
	Note: <i>For the relevant physical and postal addresses, telephone and facsimile numbers, see "Notes to Tenderers" bound at the front of this document</i>		
42.1.1	Employer:		
	<i>Musina Local Municipality</i>		
[1.2]	Physical Address:		
	<i>21 Irwin Street Musina 0900</i>		
42.1.2	Principal Agent:		
[1.1,5.1]	<i>Sky High Consulting Engineers</i>		
[1.1]	Representative of the Employer:		
	<i>The person concerned, postal address and contact details will be made available prior to contract signing</i>		
42.1.3	Agents service:		
	Agent (1)		
[1.1,5.2]			
42.1.4	Agents service:		
	Agent (2)		
[1.1,5.2]			
42.1.5	Agents service:		
	Agent (3)		
[1.1,5.2]			
42.1.6	Agents service:		
	Agent (4)		
[1.1,5.2]			
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Item No	Quantity	Amount R
42.2 CONTRACT DETAILS		
42.2.1 Works Description:		
[1.1] Repairs and Renovations to Existing Office Building, Construction of New Guard House and External Works for Musina Local Municipality		
42.2.2 Site Description:		
[1.1] Musina Local Municipality 21 Irwin Street, Musina, 0900		
42.2.3 Work or installations by direct contractors:		
[22.2] Refer to "Final Summary Page" of this document for work or installations, where applicable, to be done by direct contractors		
42.2.4 Specific options that are applicable to a State organ only		
[41.0] Where so:		
[1.1#] (1) Interest rate legislation:		
[31.11.2#]		
[31.12.2#] The interest rate applicable will be determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999)		
[11.2#] (2) Lateral support insurance to be effected by the contractor:	No	
[31.4.2#] (3) Payment will be made for materials and goods:	Yes	
[40.2.2#] (4) Dispute resolution by litigation:	Yes	
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	[26.1.2#] (5) Extended defects liability period applicable to the following elements: - The whole of the electrical installation - 12 Months - The whole of the mechanical installation - 12 Months - The whole of the civil installation - 12 Months - The whole of the structural installation - 12 Months 42.2.5 Date on which possession of the site is intended to be given: [15.2.1#] Within ten (10) working days of the contractor complying with the terms of 15.1.4 42.2.6 Period for the commencement of the works after the contractor takes possession of the site [15.3] the contractor shall forthwith deliver his/her plant and material to the site and shall commence with the works in due diligence 42.2.7 For the works as a whole. Intended date of practical completion and the penalty per calendar day Date: [24.3.1] <i>Within ten (10) calendar months, exclusive of builders' holidays, after the date of site handover</i> Penalty: [30.1] <i>0,05% of the tendered amount, inclusive of value added tax</i> 42.2.8 For the works in sections: Intended date of practical completion and the penalty per calendar day Date: [24.3.1] <i>N/A</i> Penalty: [28.1] <i>N/A</i> 42.2.9 The law applicable to this agreement shall be that of: [1.2] <i>Republic of South Africa</i>		
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Item No		Quantity	Amount R
42.3	<u>INSURANCES</u>		
42.3.1	Contract works insurance:		
[10.1#, 10.2#, 12.1#]	To be effected by: Contractor For the sum of: Tendered amount plus 20% With a deductible of: As determined by the contractor's insurance company		
42.3.2	Supplementary insurance is required		
[10.1#, 10.2#, 12.1#]		No	
42.3.3	Public liability insurance:		
[11.1#, 12.1#]	To be effected by: Contractor For the sum of: R 5 000 000-00 With a deductible of: As determined by the contractor's insurance company		
42.3.4	Support insurance to be effected by the employer:		
[11.2#, 12.1#]	Not Applicable		
42.4	<u>DOCUMENTS</u>		
42.4.1	Waivers of contractors lien or right of continuing possession is required		
[3.3, 15.1.3, 31.16.2#]		No	
42.4.2	Number of construction document copies to be supplied to the contractor free of charge:		
[3.7]	Three (3) copies of the construction documents		
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Item No	Quantity	Amount R
42.4.3 Bills of Quantities drawn up in accordance with: <i>Standard System of Measuring Building Work (7th Edition)</i> 42.4.4 On acceptance of the tender the bills of quantities is to be submitted withinworking days <i>[15.1.1] Not applicable (No clause)</i> 42.4.5 JBCC Engineering General Conditions are to be included in the contract documents: <i>[3.4]</i>	No	
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Item No	Quantity	Amount R
42.4.6 The contract value is to be adjusted using escalation adjustment [31.5.3] indices No Where JBCC CPAP is to be used <i>Base Month: Tender closing date</i> [32.13] Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto: 1) Glass, etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index Work Group 160, Electrical Installations. Uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems, shall be adjusted in terms of the index Work Group 170, Mechanical Services 3) With reference to Work Group 190 a proportion of the value related preliminaries, pro-rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by tenderers will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual, the factor of 0,55 shall be substituted by 1,45 Alternative Indices: Not applicable		
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42.4.7	Details of changes made to the provision of JBCC																																																																																																					
[3.10]	standard documentation:																																																																																																					
Note: The amended clauses, with relevant item and page reference numbers, are scheduled hereunder. Refer to each applicable clause for the exact extent of amendments and/or additions made																																																																																																						
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Item No		Quantity	Amount R
<u>SECTION B: PRELIMINARIES</u>			
<u>Definitions and interpretation (B1)</u>			
43	Definition and interpretation (B1.1 - B1.4.6) See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section F:..... V:..... T:.....	Item	
<u>Documents (B2)</u>			
44	Checking of documents (B2.1) <i>These bills of Quantities:</i> <i>(1) contain pages and annexes as indexed, and;</i> <i>(2) are in multiple procurement format, i.e. all trades are fully measured with minor budgetary allowances.</i> <i>Items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors and no claim arising from brevity of description of items fully described in the said Preambles for Trades will be entertained</i> F:..... V:..... T:.....	Item	
45	Provisional bills of quantities (B2.2) F:..... V:..... T:.....	N/A	
46	Availability of construction documentation (B2.3) <i>The minor budgetary allowances included in this document will be separately procured, based on multiple procurement of selected sub-contractors during the construction period</i> F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
47	Interests of agents (B2.4) F:..... V:..... T:.....	N/A	
48	Priced documents (B2.5) F:..... V:..... T:.....	Item	
49	Tender submission (B2.6) Notwithstanding anything contained in this clause, tenders shall be valid for a period of ninety (90) days from the closing date of tenders. Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance C1.1" F:..... V:..... T:..... The site (B3)	Item	
50	Defined works area (B3.1) F:..... V:..... T:.....	Item	
51	Geotechnical investigation (B3.2) F:..... V:..... T:.....	Item	
52	Inspection of the site (B3.3) Tenderers are instructed to familiarise themselves before submission of their tender with regard to the relevant local site conditions, site accessibility, the nature of operations required, availability of labour and any conditions pertaining thereto, together with conditions relating to unloading, carting and storage of materials, equipment and tools required for the works. No claims for extras arising from the contractor having failed to comply with this clause will be entertained. F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
53	Existing premises occupied (B3.4) F:..... V:..... T:.....	Item	
54	Previous work - dimensional accuracy (B3.5) Work executed under a previous contract and the extend thereof will be pointed out to the contractor by the principal agent on handing over of the site. F:..... V:..... T:.....	Item	
55	Previous work - defects (B3.6) F:..... V:..... T:.....	Item	
56	Services - known (B3.7) F:..... V:..... T:.....	Item	
57	Services - unknown (B3.8) F:..... V:..... T:.....	Item	
58	Protection of trees etc (B3.9) F:..... V:..... T:.....	Item	
59	Articles of value (B3.10) F:..... V:..... T:.....	Item	
60	Inspection of adjoining properties etc (B3.11) F:..... V:..... T:.....	Item	
	<u>Management of contract (B4)</u>		
61	Management of the works (B4.1) F:..... V:..... T:.....	Item	
62	Programme for the works (B4.2)		
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Clause B4.2 is hereby amended by the addition of the following: Programme: The contractor and the principal agent shall agree to a Contract Programme for the control of the Works. The contractor shall submit a draft of the Contract Programme and method statement to the principal agent for approval together with the tender. The contractor shall ensure that the contract programme: 1. Shall be prepared and drawn up to comply in all respects with the requirements of this Agreement. 2. Shall be drawn up using logic developed during the tender period and complies with the planning requirements of the Client. 3. Shall be in accordance with the dates given herein for possession and practical completion; and 4. Shall be in sufficient and approved detail to ensure effective control of the work, including all items necessary to enable calculations to be made for the distribution of finance during the cashflow analysis. 5. Shall be accompanied by a full written method statement. The principal agent shall examine and comment on the contract programme and method statement within two weeks of its submission. Following on these comments the contractor shall amend the contract programme and method statement as may be necessary and submit the final contract programme and method statement to the principal agent for approval within a further two weeks thereafter. The contract programme shall be processed by computer (preferably in Microsoft Project) and be presented to the principal agent in the form of logic charts and bar charts in such a way as to determine the critical path and the float on non-critical activities. All supporting printouts must be available to the principal agent on demand. The acceptance by the principal agent of the contract programme, or any revision thereof, does not necessarily sanction the accuracy of validity of the network logic, the correctness of individual activities in terms of description or duration, the comprehensiveness of networks or the discrepancies between drawings and any other documents presented by the contractor, and in no way relieves the responsibility of the contractor to comply with the requirements of the Agreement. No policy decisions other than the planning requirements, procedures and		
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	policies provided, will be enforced on the contractor regarding construction of the project and the contractor shall be responsible at all times for ensuring the accuracy, validity and reasonableness of programming information. Documentation will not be available in complete detail at the date of award of the contract. Non-availability of information will not be deemed an excuse for non-presentation of programmes. In the event of inadequate information, the contractor shall estimate the predicted time applications on available information and quality the submission accordingly. Development of the contract programme and method statement Within two weeks of award of the contract, the contractor shall submit an updated contract programme and written method statement which shall include the latest information in sufficient detail to permit comprehensive monitoring. Progress of the works will be monitored by the principal agent. The contractor shall liaise with the principal agent in order to provide whatever information is required to facilitate such monitoring. Revisions to the contract programme Revisions to the contract programme may be introduced periodically by the contractor subject to compliance with the contract completion and handover dates. Providing the required consultation between the relevant parties has highlighted the implications of the required changes, the programming strategy on the project may be changed and the changes noted and specified on logic charts delivered to the principal agent. The changes to the programme will be recorded as firm and binding once the principal agent has sanctioned the said changes. A revision to the programme will not invalidate the contractual completion dates and applications for extensions of time will be processed by the principal agent in accordance with the conditions of contract. Should the contractor fail to submit a request for revision to the construction programme , progress monitoring shall be based on the latest revised programme sanctioned by the principal agent. The contractor shall make all his necessary revisions on the approved network sheets clearly marking, inter-alia, the logic changes and duration changes. These will then be processed by the necessary parties and then approved in the normal manner.		
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Item No	Progress Monitoring	Quantity	Amount R
	The contractor shall provide regular progress reports showing actual and expected progress against the latest contract programme. Progress reports shall be submitted at each site progress meeting and shall outline the progress against key target dates and deviation which has occurred against the most recently updated control programme due to the progress reflected in the as-built construction programme. The status of each activity must also be reported as follows: Target - If the activity is not complete, the latest predicted completion date shall be supplied. Start - If the activity has commenced, the actual date shall be supplied. Finish - If the activity is complete, the actual completion date shall be supplied. Problems which may occur during execution of the contract must be specifically identified in progress reports under a separate section of the contractor's report. Should problems occur during the execution of the contract or the scope of work be increased or decreased, the contractor may be requested to increase the extent or the detail of the programme. The principal agent may recommend action to be taken by the contractor, including the revision of resource levels, but this information will not be binding on the contractor unless the recommendations are enforced in terms of the conditions of contract by the principal agent and will in no way relieve the contractor's responsibility to comply with the requirements of the Agreement. Extension of time Any extension of time which is granted by the principal agent will be annotated to affect selected activities in the programme and the associated activities will be incorporated by revisions to the programme by the contractor. Should the additional activities or the extension of time on existing activities fall on a non-critical area of the programme, extension will be limited to the activities affected by the said additional activities or extensions and the contract dates shall not be affected. If, however, the additional activities fall on the critical path, the principal agent shall take this into account when granting any extension of time in terms of the conditions of contract. The contractor agrees that the contract completion date (i.e. the date for practical completion) has been stipulated in the contract for the benefit of the		
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Item No		Quantity	Amount R
	employer, so that, without derogating from the generality of the foregoing principle it is provide that: 1. The contractor shall not be entitled to deliver the site and the works to the employer prior to the contract completion date and 2. Should there for any reason be any float period indicated in the contract programme prior to the contractual completion date then this float period shall be utilized to absorb any delays or extensions of time without affecting the contract completion date. 3. The contractor shall, at all times, ensure that, notwithstanding the approval or sanctioning, reviewing or inspection of a programme or any revision of a programme by the principal agent in the foregoing terms, practical completion and completion of the works shall take place strictly in accordance with this Agreement. A defective or faulty programme, even if so sanctioned, approved, reviewed or inspected by the principal agent, shall therefore not constitute a cause for granting an extension of time for completion of the works or for entitling the contractor to the payment by the employer in terms of the contract of any loss, compensation or damage whatsoever. The contractor acknowledges that the principal agent's foregoing participation in the approval of development of, revisions to and updating of the Contract Programme shall take place in consultation with the principal agent. The contractor shall therefore provide the principal agent with such co-operation and/or information and/or access as they may reasonably require for such purposes. F:..... V:..... T:.....		
63	Progress meetings (B4.3) F:..... V:..... T:.....	Item	
64	Technical meetings (B4.4) F:..... V:..... T:.....	Item	
65	Labour and Plant records (B4.5) F:..... V:..... T:.....	Item	78 000.00
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Item No		Quantity	Amount R
	<u>Samples, Shop Drawings and Manufacturer's Instructions (B5)</u>		
66	Samples of materials (B5.1) F:..... V:..... T:.....	Item	
67	Workmanship samples (B5.2) F:..... V:..... T:.....	Item	
68	Shop drawings (B5.3) F:..... V:..... T:.....	Item	
69	Compliance with Manufacturer's Instructions (B5.4) F:..... V:..... T:.....	Item	
	<u>Temporary works and plant (B6)</u>		
70	Deposits and fees (B6.1) F:..... V:..... T:.....	Item	
71	Enclosure of the works (B6.2) F:..... V:..... T:.....	Item	
72	Advertising (B6.3) F:..... V:..... T:.....	Item	
73	Plant, equipment, sheds and offices (B6.4) F:..... V:..... T:.....	Item	
74	Main notice board (B6.5) F:..... V:..... T:.....	Item	
75	Subcontractors' notice board (B6.6) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
	<u>Temporary services (B7)</u>		
76	Location (B7.1) F:..... V:..... T:.....	Item	
77	Water (B7.2) F:..... V:..... T:.....	Item	
78	Electricity (B7.3) F:..... V:..... T:.....	Item	
79	Telecommunication facilities (B7.4) F:..... V:..... T:.....	Item	
80	Ablution facilities (B7.5) F:..... V:..... T:.....	Item	
	<u>Prime cost amounts (B8)</u>		
81	Responsibility for prime cost amounts (B8.1) F:..... V:..... T:.....	Item	
	<u>Attendance on N/S Subcontractors (B9)</u>		
82	General attendance (B9.1) <i>The schedule rates providing for attendance on nominated subcontractors and other contractors, will be adjusted only if the scope of the work has changed</i> F:..... V:..... T:.....	Item	
83	Special attendance (B9.2) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
84	Commissioning - Fuel, water and power (B9.3) F:..... V:..... T:.....	Item	
	<u>Financial aspects (B10)</u> Statutory taxes, duties and levies (B10.1) <i>Provision is made in the summary of these bills of quantities for the inclusion of Value Added Tax (VAT)</i> F:..... V:..... T:.....	Item	
85	Payment of preliminaries (B10.2) F:..... V:..... T:.....	Item	
86	Adjustment of preliminaries (B10.3) Clause B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site " with: - "when submitting his priced bills of quantities / lump sum document " F:..... V:..... T:.....	Item	
87	Payment certificate cash flow (B10.4) F:..... V:..... T:.....	Item	
	<u>General (B11)</u>		
88	Protection of works (B11.1) F:..... V:..... T:.....	Item	
89	Protection/isolation of existing/sectionally occupied works (B11.2) F:..... V:..... T:.....	Item	
90	Security of the Works (B11.3) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
91	Notice before covering work (B11.4) F:..... V:..... T:.....	Item	
92	Disturbance (B11.5) F:..... V:..... T:.....	Item	
93	Environmental Disturbance (B11.6) F:..... V:..... T:.....	Item	
94	Works cleaning and clearing (B11.7) F:..... V:..... T:.....	Item	
95	Vermin (B11.8) F:..... V:..... T:.....	Item	
96	Overhand work (B11.9) F:..... V:..... T:.....	Item	
97	Instruction manuals and guarantees (B11.10) F:..... V:..... T:.....	Item	
98	As built information (B11.11) F:..... V:..... T:.....	Item	
99	Tenant Installations (B11.12) F:..... V:..... T:.....	Item	
	<u>Schedule of variables (B12)</u>		
100	Pre-tender information (B12.1) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
12.1.1	Provisional bills of quantities (B2.2) The quantities are provisional:	No	
12.1.2	Availability of construction documentation (B2.3) Construction documentation is complete:	No	
12.1.3	Interest of agents (B2.4)	No	
12.1.4	Defined works area (B3.1) Details: <i>The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site</i>		
12.1.5	Geotechnical investigation (B3.2) Details: <i>The geotechnical report is available for viewing at the offices of the principal agent</i>	No	
12.1.6	Existing premises occupied (B3.4) Specific requirements: <i>The contractor is to note that the whole of the municipality premises will not be occupied and shall remain vacant at all times during the construction period</i>		
12.1.7	Previous work - dimensional accuracy (B3.5) Details: <i>Work executed under a previous contract and the extent thereof will be pointed out to the contractor by the principal agent on the date possession of the site is given</i>		
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Item No		Quantity	Amount R
12.1.8	Previous work - defects (B3.6)		
	Details: <i>All defects, if any, of work executed under a previous contract and the extent thereof will be pointed out to the contractor by the principal agent on the date possession of the site is given</i>		
12.1.9	Services - known (B3.7)		
	Details: <i>Known existing services and points of connection are shown on the site plan and will also be pointed out on site by the principal agent on the date possession of the site is given</i> <i>Care must be taken not to damage any of the existing services on site as any damage in this regard will be for the account of the contractor. In the event of any such damage, it will be expected from the contractor to notify the principal agent at once in writing and to rectify/repair and make good such damage within twenty four (24) hours of the occurrence of the event to the full satisfaction of the principal agent</i>		
12.1.10	Protection of trees (B3.9)		
	Specific requirements: <i>The contractor is to ensure at all times that, under no circumstances, adjacent indigenous vegetation, trees, etc. are being damaged as a result from the construction activities and/or actions by his personnel</i> <i>Prior approval is to be obtained from the principal agent for the removal of any tree should it be required due to the positioning of the building on the site and/or other construction work to be executed</i>		
12.1.11	Inspection of adjoining properties (B3.11)		
	Specific requirements: <i>The contractor is to note that all other existing buildings of the municipality will remain vacant and fully non-operational during the construction period and the contractor is, therefore, urged to thoroughly inspect the site, acquaint himself with the nature, extent and conditions of all such adjoining existing buildings</i>		
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Item No		Quantity	Amount R
12.1.12	Enclosure of the works (B6.2) (Areas where work is taking place shall at all times be blocked off by appropriate means) Specific requirements: <i>The contractor shall provide, erect, alter as necessary, maintain, remove and make good on completion of the works suitable hoardings, complete with gantries, fans, safety screens, barriers, guard railing, access gates, covered gangways, steel sections at crane lifts, splayed corners, returned ends, etc. as indicated on the drawings and as necessary for the enclosure of the works and the protection of the public, all to the satisfaction of the principal agent and the local authority</i> <i>The contractor and his staff, vehicles and plant will be restricted to these barricaded areas</i>		
12.1.13	Offices (B6.4.3) Specific requirements: <i>The contractor shall provide, maintain and remove on completion of the works a mobile container site office for the exclusive use of the principal agent, minimum size 6.1 x 2.44 x 2.59m high internally by approved service provider with suitably insulated and air conditioning unit, provided with electric lighting and fitted with desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office should be able to accommodate 12 persons. The office shall be kept clean and fit for use at all times</i>		
12.1.14	Main notice board (B6.5) Specific requirements: <i>The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering</i>		
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Item No		Quantity	Amount R
12.1.15	Subcontractors notice board (B6.6)		
	A notice board is required (yes/no)	No	
	Specific requirements: None		
12.1.16	Water (B7.2)		
	Option A (by contractor) (yes/no)	Yes	
	Option B (by employer - free of charge) (yes/no)	No	
	Option C (by employer - metered) (yes/no)	No	
12.1.17	Electricity (B7.3)		
	Option A (by contractor) (yes/no)	Yes	
	Option B (by employer - free of charge) (yes/no)	No	
	Option C (by employer - metered) (yes/no)	No	
12.1.18	Telecommunications (B7.4)		
	Telephone (yes/no)	Yes	
	Facsimile (yes/no)	Yes	
	E-mail (yes/no)	Yes	
12.1.19	Ablution facilities (B7.5)		
	Option A (by contractor) (yes/no)	Yes	
	Option B (by employer) (yes/no)	No	
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Item No		Quantity	Amount R
12.1.20	Protection of existing/sectionally occupied works (B11.2)		
	Protection is required (yes/no)	Yes	
12.1.21	Special attendance (B9.2)		
	The contractor must obtain information from all subcontractors at tender stage regarding special attendance that might be required and make allowance for each and every subcontract that requires special attendance		
	Subcontractor (1) details: None		
	Subcontractor (2) details: None		
	Subcontractor (3) details: None		
12.1.22	Protection of the works (B11.1)		
	Specific requirements: <i>All works that requires protection during construction must be adequately protected up to practical completion by the contractor</i>		
12.1.23	Disturbance (B11.5)		
	Specific requirements: <i>The contractor shall execute the works with as little noise and disturbance as possible to adjoining buildings and the occupants thereof. It shall be expected from the contractor to keep the site, structures, etc. well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent</i>		
12.1.24	Environmental disturbance (B11.6)		
	Specific requirements: <i>The contractor shall keep the site free of rubble. All mixing areas shall be rehabilitated after usage.</i>		
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Item No		Quantity	Amount R
	<u>Post tender information (B12.2)</u>		
	12.2.1 Payment of preliminaries (B10.2)		
	Option A (prorated): (yes/no) Yes		
	Option B (calculated): (yes/no) No		
	12.2.2 Adjustment of preliminaries (B10.3)		
	Option A (three categories): (yes/no) Yes		
	Option B (detailed breakdown): (yes/no) No		
	12.2.3 Additional agreed preliminaries items		
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>		
	Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item		
101	Clause C1.1 - Contract drawings		
	The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed		
	Should any part of the drawings not be clearly understood by the tenderer, he shall, before submitting his tender, obtain clarification in writing from the principal agent		
	F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
102	Clause C1.2 - As-built drawings The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records F:..... V:..... T:.....	Item	
103	Clause C2 - General preambles The documents "General Preambles for Trades", 2017 is obtainable from the Association of South African Quantity Surveyors website (http://asaqs.co.za/store/viewproduct.aspx?ID=8463660) for purchase, and shall be read in conjunction with the bills of quantities and be referred to for the full descriptions of work to be done and materials to be used. F:..... V:..... T:.....	Item	
104	Clause C3 - Trade names Wherever a trade name for any product has been described in the bills of quantities , the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for F:..... V:..... T:.....	Item	
105	Clause C4 - Imported materials and equipment Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable) F:..... V:..... T:.....	N/A	
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Item No		Quantity	Amount R
106	Clause C5 - Viewing the site in municipality premises The site is situated in Musina Local Municipality premises and the tenderer must arrange with the municipal manager or other responsible municipality staff member to obtain permission to enter the site for tendering purposes F:..... V:..... T:.....	Item	
107	Clause C6 - Commencement of works in municipality premises As the works falls within a Musina Local Municipality premises the contractor must give the municipal manager or other responsible municipality staff member notice before commencement of the works . Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account F:..... V:..... T:.....	Item	
108	Clause C7 - Entrance permits to security areas As the works falls within a Musina Local Municipality security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the municipal manager or chief security officer F:..... V:..... T:.....	Item	
109	Clause C8 - Security check of personnel The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
110	Clause C9 - Prohibition on taking of photographs In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959 F:..... V:..... T:.....	N/A	
111	Clause C10 - HIV/AIDS awareness It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities/lump sum document. Provision for pricing of HIV/AIDS awareness is made under clauses C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause 31 of "Section 1: Preliminaries (Section A)" or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment		
112	Clause C10.1 - Awareness champion Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
113	Clause C10.2 - Awareness workshops Selection and appointment of a competent Service Provider approved by the principal agent , provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
114	Clause C10.3 - Posters, booklets, videos, etc Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period , all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
115	Clause C10.4 - Access to condoms Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period , all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
116	Clause C10.5 - Monitoring Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
117	Clause C11 - Occupational Health and Safety Act The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) as Amended and annexed Project Health and Safety Specifications It is required of the contractor to thoroughly study the Project Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Project Health and Safety Specifications is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Project Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained		
118	Part A - OHS Act: Compliance - Implementation of the Health and Safety - Construction Health and Safety Documentation		
119	Clause C11.1.1 - Prepare and compile site specific Health and Safety Plan as per Occupational Health and Safety Specifications (Section 3, Scope of Work), OHS Act and Regulations F:..... V:..... T:.....	Item	
120	Clause C11.1.2 - Allow for the preparation and compilation of the site specific health and safety file, and a health and safety working file F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
121	Clause C11.1.3 - Appointment of a registered construction health and safety officer for the duration of the Contract as per Section 8(5) of the Construction Regulations 2014 F:..... V:..... T:.....	Item	
122	Part B - OHS Act: Compliance - Implementation of the Health and Safety - Personal Protective Equipment		
123	Clause C11.2.1 - Foot protection (steel toe boots, gum boots, etc) F:..... V:..... T:.....	Item	
124	Clause C11.2.2 - Clothing (overalls depicting contractors company name/identification) F:..... V:..... T:.....	Item	
125	Clause C11.2.3 - Gloves (leather, PVC, acid resistant, etc) F:..... V:..... T:.....	Item	
126	Clause C11.2.4 - Head protection: hard hats with air vents colour coded - supervisor (white), ohs (green), skilled (red) and unskilled labour (blue) F:..... V:..... T:.....	Item	
127	Clause C11.2.5 - Ear protection (earmuffs with 30% protective value) F:..... V:..... T:.....	Item	
128	Clause C11.2.6 - Eye protection (face shield, goggles, spectacles, etc) F:..... V:..... T:.....	Item	
129	Clause C11.2.7 - Visibility (luminous high visibility safety vest/ jackets/ bibs/ etc) F:..... V:..... T:.....	Item	
130	Clause C11.2.8 - Harness (double stranded safety harness with pylon hooks) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
131	Clause C11.2.9 - Portable ladders A-frame, expendable, length, material, etc. F:..... V:..... T:.....	Item	
132	Part C - OHS Act: Compliance - Implementation of the Health and Safety - Occupational Medical Surveillance		
133	Clause C11.3.1 - Entry Medical Examinations by a SASOHN registered Occupational Health Nurse or a SASOM registered Occupational Medical Practitioner F:..... V:..... T:.....	Item	
134	Clause C11.3.2 - Exit Medical Examination F:..... V:..... T:.....	Item	
135	Clause C11.3.3 - Provision of a first aid kit F:..... V:..... T:.....	Item	
136	Clause C11.3.4 - Provision of a fire-fighting measures F:..... V:..... T:.....	Item	
137	Part D - OHS Act: Compliance - Implementation of the Health and Safety - Education, Training and Signage		
138	Clause C11.4.1 - Health and Safety induction site access cards F:..... V:..... T:.....	Item	
139	Clause C11.4.2 - Basic First Aid training level one F:..... V:..... T:.....	Item	
140	Clause C11.4.3 - Health and Safety representative F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
141	Clause C11.4.4 - Construction (fire fighting, general information, prohibitory, mandatory, warning, hazchem, photo luminescent, etc) F:..... V:..... T:.....	Item	
142	Clause C11.4.5 - Health and Safety information display board in site office, emergency evacuation flow diagram, emergency contact numbers, electrical, general, etc F:..... V:..... T:.....	Item	
143	Clause C11.4.6 - Health and Safety charts (OHS Act, Basic Conditions of Employment Act) F:..... V:..... T:.....	Item	
144	Clause C12 - COVID-19 Health and Safety The contractor shall comply with all the requirements set out in the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) as Amended, Compensation for Occupational Injuries and Diseases Act 1993, (Act 130 of 1993) as amended by the Compensation for Occupational Injuries and Diseases Amendment Act 1997, (Act 61 of 1997), Disaster Management Act 2002, (Act 57 of 2002) as amended Disaster Management Amendment Act 2020, (Act 763 of 2020) Amendment of Regulations issued in terms of Section 37(2) The contractor must take note that compliance with the COVID-19 Health and Safety is compulsory. In the event of partial or total non-compliance, the principal agent , notwithstanding the provisions of clause 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment Provision for pricing of the COVID-19 Health and Safety is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained		
145	Clause C12.1.1 - Hazard identification and risk assessment specific to the COVID-19 Epidemic and other adjustments to ensure compliance for the assignment F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
146	Clause C12.1.2 - Daily logbook and screening for COVID-19 F:..... V:..... T:.....	Item	
147	Clause C12.1.3 - Mandatory Health and Safety signage/notices/posters with COVID-19 protocols F:..... V:..... T:.....	Item	
148	Clause C12.1.4 - 2 x 3ply cloth face masks to employees F:..... V:..... T:.....	Item	
149	Clause C12.1.5 - Medical graded face shields F:..... V:..... T:.....	Item	
150	Clause C12.1.6 - Non contact infrared thermometers F:..... V:..... T:.....	Item	
151	Clause C12.1.7 - Hand sanitizers with 70% alcohol content (no cleaning and detergents for everyday cleaning) F:..... V:..... T:.....	Item	
152	Clause C12.1.8 - Foot operated hand sanitiser stands with minimum 1 litre tank capacity F:..... V:..... T:.....	Item	
153	Clause C12.1.9 - Waste bins (Including COVID-19 Waste Management) F:..... V:..... T:.....	Item	
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Item No		Quantity	Amount R
154	Clause C13 - Site instructions All site instructions issued on site shall be recorded in writing within seven (7) calendar days in site instruction book (A4 size and triplicate carbon format), which is to be provided and maintained by the contractor. The said site instruction book shall be kept on site at all times for the exclusive use of recording site instructions only Site instructions may be issued by the principal agent or any of the consultants only. Copies of the site instructions are to be submitted to the principal agent and quantity surveyor within seven (7) calendar days of such recording in the site instruction book F:..... V:..... T:.....	Item	
155	Clause C14 - Warranties for material and workmanship Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor F:..... V:..... T:.....	Item	
156	Clause C15 - Non-cession of monies The contractor shall not cede nor assign his rights or claims to any monies due or to become due to him under this contract F:..... V:..... T:.....	Item	
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Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Amount R
157	Clause C16 - Propping of floors below The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor F:..... V:..... T:.....	N/A	
158	Clause C17 - Testing of windows for water tightness Each window shall be tested for water tightness with water sprayed on using adequate pressure. If in the opinion of the principal agent , the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means F:..... V:..... T:.....	Item	
159	Clause C18 - Testing of flat roof waterproofing for water tightness Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent , flooded with water and kept "ponded" for at least 36 hours as a test to ensure the water tightness of the waterproofing and before any further construction work is carried out above the waterproofing F:..... V:..... T:.....	N/A	
160	Clause C19 - Asbestos abatement regulations 2020 Comply with Asbestos Abatement Regulation of 2020, National Environmental Management: Waste Act 59 of 2008; Construction Regulation 2003; National Environmental Management: Air Quality Act 39 of 2004 F:..... V:..... T:.....	Item	
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Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Amount R
161	Clause C20 - Labour desk The contractor shall establish a labour desk on site with a dedicated office with and including a desk 2 chairs and electricity. From the labour desk (CLO), the contractor will appoint a dedicated community liaison officer at a monthly gross remuneration as indicated, subject to all statutory deductions. The community liaison officer will be employed by and will report to the contractor , who will in turn forward such reports to the principal agent F:..... V:..... T:.....	Item	
162	Clause C21 - Overtime Should it be required, for any reason whatsoever, that overtime is to be worked, the costs of such overtime shall be borne by the contractor unless the principal agent has specifically instructed and authorized in writing, prior to the execution thereof, that costs for such overtime will to be borne by the employer F:..... V:..... T:.....	Item	
163	Clause C22 - Labour record At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day F:..... V:..... T:.....	Item	
164	Clause C23 - Plant record At the end of each calendar week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works F:..... V:..... T:.....	Item	
Section No. 1 Bill No. 1 PRELIMINARIES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY		R	
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Item No		Quantity	Amount R
<u>SECTION D: MONEY PROVISIONS</u>			
<u>Accredited Training:</u>			
165	Provide the sum of R100 000.00 (One Hundred Thousand Rand) for the costs of generic skills to be used as directed and deducted in whole or in part if not required	Item	100 000.00
166	Allow for handling cost and profit on last if required	%	
167	Provide the sum of R80 000.00 (Eighty Thousand Rand) for the costs of entrepreneurial skills to be used as directed and deducted in whole or in part if not required	Item	80 000.00
168	Allow for handling cost and profit on last if required	%	
<u>The following work will be executed by service providers under direct agreement with the employer. the contractor is to accommodate these service providers and allow them to execute their work unhindered and allow them the use of water and toilet facilities. Damage caused by these service providers to work completed by the principal contractor is to be recorded in detail to enable the employer to counter-charge the direct service providers the cost of making good such damages</u>			
<u>Specialist Services:</u>			
169	Provide the sum of R200 000.00 (Two Hundred Thousand Rand) for the costs of geo-technical investigation service provider to be appointed by the principal agent where applicable and to be deducted in whole or in part if not required	Item	200 000.00
170	Allow for handling cost and profit on last if required	%	
171	Provide the sum of R57 000.00 (Fifty Seven Thousand Rand) for the costs of topographical survey service provider to be appointed by the principal agent where applicable or to be deducted in whole or in part if not required	Item	57 000.00
172	Allow for handling cost and profit on last if required	%	
173	Provide the sum of R90 000.00 (Ninety Thousand Rand) for the costs of environmental monitoring service provider to be appointed by the principal agent where applicable or to be deducted in whole or in part if not required	Item	90 000.00
174	Allow for handling cost and profit on last if required	%	
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Item No		Quantity	Amount R
175	Provide the sum of R120 000.00 (One Hundred and Twenty Thousand Rand) for the costs of occupational health and safety monitoring service provider to be appointed by the principal agent where applicable or to be deducted in whole or in part if not required	Item	120 000.00
176	Allow for handling cost and profit on last if required	%	
177	Provide the sum of R120 000.00 (One Hundred and Twenty Thousand Rand) for the costs of a social consultancy service provider to be appointed by the principal agent where applicable or to be deducted in whole or in part if not required	Item	120 000.00
178	Allow for handling cost and profit on last if required	%	
<u>SUMMARY OF CATEGORIES</u>			
Category : Fixed			
Category : Value			
Category : Time			
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PRELIMINARIES

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PRELIMINARIES

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 2</u>			
<u>BILL NO 1</u>			
<u>ALTERATIONS</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Nature of the work</u>			
Tenderers are advised to visit the site before submitting a tender as to satisfy themselves with the nature and extent of the work to be done for the proper completion of the work			
The submission of a tender will imply that the contractor has physically visited the site and fully understands the content and extend of the work described in this bill and no claims in this respect will be afterwards entertained			
<u>Dimensions</u>			
Measurements given are approximate and the contractor is advised to view the site and any existing structures. The contractor is to acquaint himself thoroughly in respect of the exact measurements and any errors to the tendered rates in this regard will be for the contractor's expense			
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Section No. 2 Bill No. 1 ALTERATIONS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<u>General</u> The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to occupants in the building and to adjoining premises and their occupants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent Making good of finishes shall be deemed to include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc) <u>Removal of doors, windows, frames, etc</u> Where doors, windows, etc are described as taken out, this shall be understood to include for removal of all beads, architraves, ironmongery, etc. Doors, windows, etc that are to be re-fixed are to be provided with new architraves Doors, fanlights, windows, fittings, frames, linings, etc which are to remain the property of the employer shall be carefully taken out, temporarily stored and handed over to the employer Doors, fanlights, windows, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately			
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	Section No. 2 Bill No. 1 ALTERATIONS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc <u>Forming new openings or altering openings in existing walls</u> Where new openings are formed or openings altered in existing walls, the wall above the opening shall be broken out and a new brick, in-situ or prestressed concrete lintel inserted, complete with the necessary reinforcement, formwork, turning piece, etc, the jambs and portions of openings as described shall be built up with new brickwork or blockwork properly toothed and bonded to existing, cavities of hollow walls shall be closed where necessary and finishes shall be made good all round and into reveals <u>Building up openings</u> Where existing openings are described as building up, the existing surfaces all round shall be prepared as necessary, brickwork or blockwork properly toothed and bonded to existing, wedged up to underside of existing lintel and finishes shall be made good on both sides Cement screeds and pavings, granolithic, etc shall be levelled and prepared for the raising of brickwork <u>Protection</u> In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The contractor must also protect all work not removed such as walls, floors, doors, windows or other joinery, loose and fixed fittings and electrical appliances, etc., from damage during the progress of the work and provide all necessary materials for so doing. The contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this contract and must make good at his own expense any damage that may occur ----- Carried to Collection Page Section No. 2 Bill No. 1 ALTERATIONS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			
			R	

Item No		Quantity	Rate	Amount R
<u>REMOVAL OF EXISTING WORK</u>				
<u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement:</u>				
1	Stairs and landings	m ³ 1		
2	100mm Thick surface beds	m ² 10		
<u>Breaking down and removing brickwork etc:</u>				
3	Half brick walls	m ² 5		
4	One brick walls	m ² 10		
<u>Taking out and removing doors from steel frames (frames to remain) including new striking plates, repairs to steel frame and preparation thereof to receive new doors:</u>				
5	Timber single door not exceeding 2,5m ²	No 25		
6	Timber double door exceeding 2,5m ² and not exceeding 5m ²	No 4		
<u>Taking out and removing pressed steel door frames and steel/timber doors including repairs to brickwork and preparation thereof to receive new frames:</u>				
7	Steel window frame not exceeding 2,5m ²	No 3		
8	Steel window frame exceeding 2,5m ² and not exceeding 5m ²	No 1		
9	Strong room door with frame 1200 x 2100mm high	No 1		Rate Only
<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc (building up openings and making good finishes elsewhere):</u>				
10	Timber single door and steel frame not exceeding 2,5m ²	No 1		
11	Steel window frame not exceeding 2,5m ²	No 1		
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Item No		Quantity	Rate	Amount R
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.:</u>			
12	Gypsum plasterboard or fibre cement ceilings, including cornices, timber bandering, etc.	m ² 268		
13	Slatted timber panelling, including timber grounds, beads, etc	m ² 49		
14	Gypsum plasterboard or fibre cement fascias and barge boards and prepare for new (elsewhere measured)	m 74		
15	Drywall partitions approximately 2700m high, including doors, glazed borrowed lights, etc	m 21		
	<u>Take out and remove sundry joinery work, fittings, etc.:</u>			
16	Centre opening vinyl folding doors approximately 6540 x 2700mm high, complete with frame, sliding tracks, etc from timber beam	No 1		
17	Vinyl folding doors approximately 1200 x 1200mm high, complete with frame, sliding tracks, etc from brickwork	No 2		
18	Timber sink cupboard 1200 x 600 x 800mm high and worktop, including sink and disconnecting waste pipe from brickwork and concrete floor (new trap and connecting to new waste pipe elsewhere)	No 1		
19	Timber sink cupboard 1500 x 600 x 800mm high and worktop, including sink and disconnecting waste pipe from brickwork and concrete floor (new trap and connecting to new waste pipe elsewhere)	No 1		
20	Timber floor cupboard 1800 x 600 x 915mm high and worktop from brickwork and concrete floor	No 1		
21	Timber floor cupboard 2000 x 300 x 1050mm high and worktop from brickwork and concrete floor	No 1		
	<u>Taking out and removing ironmongery:</u>			
22	Toilet paper holder (metal) from brickwork	No 5		
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Item No			Quantity	Rate	Amount R
23	Liquid soap holder from brickwork	No	7		
24	Stainless steel back and/or side grab rail from brickwork	No	2		
25	Vertical blinds from brickwork not exceeding 2,5m ²	No	11		
26	Vertical blinds from brickwork exceeding 2,5m ² not exceeding 5m ²	No	29		
27	Writing boards, notice boards, white boards, etc from brickwork, including repairs to plaster backing where applicable	m ²	11		
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc:</u>				
28	30mm Screed from floors	m ²	3		
29	Internal plaster from walls and columns	m ²	3		
	<u>Hack up/off and remove ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surface for new screed, plaster, tile finish, etc.:</u>				
30	Tiles to floors	m ²	663		
31	Tiles to walls	m ²	7		
32	Tile skirtings 100mm high	m	340		
	<u>Taking out and removing taps, valves, etc, including disconnecting piping, from fittings, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere):</u>				
33	Pillar tap or bibtap, including temporary stopping of water and preparing for new (new tap elsewhere)	No	21		
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Item No		Quantity	Rate	Amount R
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc. including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere):</u>			
34	Disconnect, take down and remove ceramic/porcelain wash hand basin including brackets, wastes, etc. and blank off pipes complete	No 7		
35	Disconnect, take down and remove ceramic/porcelain WC pan complete with cistern, including brackets, stop cock, etc. and blank off pipes complete	No 5		
36	Disconnect, take down and remove ceramic/porcelain bowl urinal complete with flush valve, flush pipe, trap, etc. and blank off pipes complete	No 2		
	<u>Taking out/off and removing glass and mirrors:</u>			
37	Glass from steel windows, including cleaning out rebates and preparing for new glass	m ² 119		
38	Mirror fixed with four screws from brick wall	No 7		
	<u>BUILDING UP OPENINGS</u>			
	<u>Brickwork in NFP bricks in class II mortar in building up openings:</u>			
39	Half brick walls including toothings to existing wall	m ² 14		
40	One brick walls including toothings to existing wall	m ² 0.4		
	<u>Brickwork in approved NFP bricks in class II mortar in building up openings, including bonding new to existing and making good cement plaster on both sides (making good paintwork elsewhere):</u>			
41	Opening 914 x 2032mm high overall in one brick wall	No 1		
	<u>Sundries:</u>			
42	Cutting toothings and bonding new brick wall to existing	m ² 2		
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Item No			Quantity	Rate	Amount R
43	100 x 70mm Pre-stressed fabricated lintels in lengths not exceeding 3m long	m	1		
44	75mm Wide reinforcement built in horizontally	m	29		
45	Ditto, but for 150mm wide	m	18		
46	One layer of 375 micron embossed black polyethylene damp proof course on walls	m ²	1		
<u>PREPARATORY WORK TO EXISTING SURFACES</u>					
<u>Scabble existing surface of plastered walls and screeded floors and prepare surface to receive new tiling (new tiling elsewhere):</u>					
47	On walls	m ²	25		
48	On floors	m ²	65		
<u>Scabble existing surface of fair faced wall and prepare surface to receive new plaster (new plaster elsewhere):</u>					
49	On walls	m	125		
<u>Repairs to cracks:</u>					
50	Repairs to small cracks in walls by removing plaster 300mm wide to both sides of crack, clean and wire brush area, apply plaster key, insert metal lath pieces over cracks nailed at 220mm centres both ways and replaster area with a suitable plaster mix	m	8		
51	Repairs to large cracks in surface beds by forming 100 x 50mm deep recess in top of surface bed slabs, etc., consisting of 2 x 50 x 50mm recess on either side of crack in surface bed slabs etc., remove latencies, clean surface and form new 10 x 50mm deep joint using a straight edge joint forming tool and fill around new joint with epoxy mortar approved by structural engineer (waterproofing and sealing to joint elsewhere)	m	5		
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Item No		Quantity	Rate	Amount R
52	Repairs to faced brickwork by raking out loose mortar for an area of 500mm around affected area, clean out joints and regrout joints with 3:1 cement-riversand mix with brick joint trowel	m	50	
53	Repairs to faced brickwork by cutting 4 x 50mm deep recess into brickwork utilising a skill saw and form vertical joint in wall at central position of crack, remove loose mortar in cracked joints adjacent to this new vertical joint and regrout joints with 1:3 cement-riversand semi-dry mortar.	m	10	
	<u>Preparation to existing surfaces:</u>			
54	Making good defects in existing screeded floors with "Pavelite" compound for the repair of damaged and/or uneven surfaces	m ²	665	
	<u>MAKING GOOD OF FINISHES, ETC.</u>			
	<u>Making good face brickwork:</u>			
55	Making good face brickwork at end of one brick wall	m	25	
	<u>Making good 30mm floor screed:</u>			
56	Floors where half brick walls removed	m	1	Rate Only
57	Floors where one brick walls removed	m	1	
	<u>Making good internal cement plaster:</u>			
58	Walls in patches	m ²	3	
59	Walls where one brick cross walls removed	m ²	1	
	<u>Sand down existing plastered walls to remove paint and apply two coat "Rhinolite" plaster:</u>			
60	On internal walls	m ²	60	
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Item No		Quantity	Rate	Amount R
<u>OPENINGS THROUGH EXISTING WALLS ETC</u>				
<u>Altering openings:</u>				
61	Altering opening in one brick wall where 1613 x 2032mm high steel door frame is removed to form opening for new door and frame 1613 x 2032mm high overall by breaking out brickwork on both sides and bottom, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	No	1	
<u>Breaking out for and forming openings through brick walls for new doors and frames, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere):</u>				
62	Opening for door with steel frame 914 x 2032mm high overall through one brick wall	No	1	
<u>Breaking out for and forming openings through brick walls for new windows, including brick lintels, making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with sloping face brickwork sills on outside (new windows and making good paintwork elsewhere):</u>				
63	Opening for steel window frame 1022 x 654mm high overall through one brick wall	No	1	
<u>Breaking out for and forming openings through brick walls for new windows, including prestressed concrete lintels, making good cement plaster on both sides and into reveals (new windows and making good paintwork elsewhere):</u>				
64	Opening for aluminium window frame 1022 x 900mm high overall through one brick wall	No	2	
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Item No		Quantity	Rate	Amount R
	<u>TEMPORARY WORK</u>			
65	Prop up 230mm brick wall exceeding 1,5m and not exceeding 3m high above bearing level for demolition and/or taking out of timber beam below and installation of permanent structural steel beam	m 7		
	<u>SERVICE EXISTING EQUIPMENT, REPAIRS, ETC</u>			
	<u>Accredited roof covering specialist inspection report:</u>			
66	Accredited roof covering specialist approved by principal agent to inspect the concrete roof tiles installed and issue a report to the Engineer	Item		
	<u>Roof covering remedial works:</u>			
67	Remedial works to concrete roof tiles as per report from accredited roof covering specialist	Item		
	<u>ITC accredited roof timber truss inspection report:</u>			
68	ITC accredited timber roof specialist approved by principal agent to inspect the roofs and issue a report to the Engineer	Item		
	<u>Roof timber truss remedial works:</u>			
69	Remedial works to roof timber trusses as per report from ITC accredited roof timber truss specialist	Item		
	<u>Inspect, re-secure and supply jointing strips for reparations to fibre cement fascia boards:</u>			
70	10 x 225mm Fascias and barge boards countersunk screwed with including 14 x 40mm brass screws to roof timbers, galvanised steel H-profile jointing strips	m 25		
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Item No		Quantity	Rate	Amount R
	<u>Inspect and adjust levels to 6,4mm "Saint-Gobain" Gyproc rhinobords and securing nails where necessary:</u>			
71	Ceilings, including 38 x 38mm sawn softwood brandering at 450mm centres in one direction	m ² 85		
	<u>Service existing steel doors:</u>			
72	Examine existing steel door frame size not exceeding 2,5m ² , align, repair and/or replace hinges, striking plates, etc	No 25		
73	Examine existing steel door frame size exceeding 2,5m ² and not exceeding 5m ² , align, repair and/or replace hinges, striking plates, etc	No 4		
74	Examine existing aluminium double doors size exceeding 2,5m ² and not exceeding 5m ² , repair, adjust/align thoroughly and replace hinges and brush strip to bottom per each leaf including closing of holes from removed ironmongery with appropriate means, and leave perfect in working order	No 1		
75	Examine existing aluminium sliding doors size exceeding 2,5m ² and not exceeding 5m ² , repair, adjust/align thoroughly and replace locking system, rollers and brush strip to bottom of leaf including closing of holes from removed ironmongery with appropriate means, and leave perfect in working order	No 1		
	<u>Service existing steel windows:</u>			
76	Overhaul, adjust and service to facilitate smooth functionality, all to the satisfaction of the principal agent	No 7		
77	Replace existing damaged or missing brass window stay with "NTY Steel" (Provisional)	No 98		
	<u>Servicing of sanitary fittings:</u>			
78	Examine existing urinal flushmasters, inspect and service thoroughly, inspect and ensure correct water pressure and leave perfect in working order	No 1		Rate Only
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Item No		Quantity	Rate	Amount R
79	Examine existing ceramic basins, wash and clean overflows, service taps thoroughly and replace washers, fit new plug and chain, seal area between basin and walls with clear silicone, and leave perfect in working order	No	1	
80	Service existing WC including cistern, flushing mechanism, etc. including replacing damaged and defective parts and leave in good working order	No	4	
	<u>Servicing of fire appliances:</u>			
81	Fire hose reels to comply with all regulations	No	2	
	<u>SUNDRIES</u>			
	<u>Soil insecticide in accordance with SANS 5859:</u>			
82	Post-construction treatment under floors, etc including drilling through wall and floors and pumping soil insecticide into filling, sealing off holes, etc	m ²	641	
	<u>Natural grey fibre-cement window sills in single lengths bedded in cement mortar, including metal fixing lugs, etc:</u>			
83	15 x 150mm Wide sills set flat and slightly projecting	m	15	
	<u>Scrub down and clean with "Konkleen" to remove all dirt, marks, stains, etc. including re-point and re-mortar joints as required on existing and wash thoroughly with clean water:</u>			
84	Face brickwork	m ²	350	
	<u>Clearing of burned rubble:</u>			
85	Allow for the clearing of burnt rubble, strip of damaged roof and including carting away from site, etc	Item		
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Item No		Quantity	Rate	Amount R
	<u>Relocation and protection of existing services, furnitures, etc:</u>			
86	Allow for the relocation and protection of existing services, furnitures, etc	Item		
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 2</u> <u>FOUNDATIONS (PROVISIONAL)</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Classification of excavated material</u> Hard rock shall mean granite, quartzitic sandstone or other rock of similar hardness, the removal of which requires drilling, wedging and spitting or the use of explosives "Soft rock" shall mean hard material, the removal of which warrants the use of pneumatic tools and includes hard shale, ferricite, compact oukclip and material of similar hardness "Earth" shall mean all ground other than that classified as "hard rock" or "soft rock" and shall include made-up ground and any loose stones, pebbles or pieces of concrete not exceeding 0,03m3 in volume <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			
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Item No		Quantity	Rate	Amount R
	The specification, although not issued with, shall be regarded to form part of these Bills of Quantities. the Contractor shall obtain a copy of the said specification from the South African National Standard authority and be kept on site at all times <u>Soil poisoning and insecticide</u> All soil poisoning and insecticide to be applied under a five year guarantee by an approved firm of Specialists. Soil insecticides shall comply with SANS Specification 1165. Work shall be carried out in accordance with the application of soil insecticides for the protection of buildings - SANS code of Practice 0124 Casting of concrete floors to start within 24 hours after the application of soil poisoning <i>Pest control applicators must provide:</i> 1. Proof of pesticides and insecticides (data sheets) 2. Toxicants must be registered with the Department of Agriculture 3. Proof that they are qualified to perform the work 4. Five year guarantee certificate <u>Cleaning-up of disturbed areas</u> The contractor will be liable to, upon completion, rehabilitate all those areas of the site used for spoiling, mixing of concrete or any other disturbances caused to the site by the contractor by grading the area to follow the adjacent ground contours and afterwards compacted to 80% Mod AASHTO density, all to the full satisfaction of the principal agent <u>Supplementary preambles and full descriptions of materials, items, work, etc.</u> The contractor is referred to the next Bill No 2, Concrete, Formwork and Reinforcement, and Bill No 3, Masonry, for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described			
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Item No		Quantity	Rate	Amount R

	<u>EXCAVATION, FILLING, ETC</u>			
	<u>EXCAVATIONS ETC</u>			
	<u>Excavation in earth not exceeding 2m deep below natural, elevated or reduced ground level for:</u>			
1	Trenches	m ³	5	
2	Holes	m ³	1	
	<u>Extra over trench and hole excavations in earth for excavation in:</u>			
3	Soft rock	m ³	1	
	<u>Extra over all excavations for carting away:</u>			
4	Surplus material from excavations and/on prescribed stockpiles on site to a dumping site to be located by the contractor	m ³	4	
	<u>Risk of collapse of excavations:</u>			
5	Sides of trench and hole excavations from natural, elevated or reduced ground level to not exceeding 1,5m deep	m ²	21	
	<u>Keeping excavations free of water:</u>			
6	Keeping excavations free of all water other than subterranean water	Item		
	<u>FILLING, ETC</u>			
	<u>Selected earth filling obtained from the excavations and /or prescribed stock piles on site, including haulage approximately 100m from perimeter of excavations or stock piles, compacted to 93% Mod AASHTO density:</u>			
7	Backfilling to trenches, holes, etc	m ³	2	
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Item No		Quantity	Rate	Amount R
	<u>Filling of gravel-soil material G7 supplied by the contractor, compacted to 95% Mod AASHTO density:</u>			
8	Under floors, steps, pavings, etc	m ³ 1		
	<u>Compaction of surfaces:</u>			
9	In-situ compaction of natural or excavated ground surface in trenches, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ² 9		
10	In-situ compaction of natural or excavated ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ² 8		
	<u>WEED KILLERS, INSECTICIDES, ETC</u>			
	<u>Soil insecticide in accordance with SANS 5859:</u>			
11	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ² 8		
12	To bottoms and sides of trenches etc	m ² 25		
	<u>TESTS</u>			
	<u>Prescribed tests to determine degree of compaction or other properties of ground or filling:</u>			
13	"Modified AASHTO Density" tests	No 10		
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>25MPa/19mm at 28 days mass concrete, in:</u>			
14	Strip footings	m ³ 2		
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Item No		Quantity	Rate	Amount R
15	Bases	m ³ 0.3		
16	Columns in foundations	m ³ 0.1		
17	Concrete fill between two half brick skins	m ³ 1		
	<u>TEST CUBES</u>			
18	Making and testing a set of three concrete strength test cubes, each 150 x 150 x 150mm, sending them to an approved laboratory for testing and paying all charges in connection therewith (one block to be tested after 7 days)(Provisional)	No 1		
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Smooth formwork to circular columns:</u>			
19	230mm Diameter column in foundations 700mm high	No 4		
	<u>REINFORCEMENT (PROVISIONAL)</u>			
	<u>Mesh reinforcement:</u>			
20	Type 617 fabric reinforcement in concrete slabs etc	m ² 11		
	<u>High tensile steel reinforcement to structural concrete work:</u>			
21	Steel reinforcement in various sizes	t 0.43		
	<u>BRICKWORK IN FOUNDATIONS</u>			
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar:</u>			
22	330mm Hollow walls of two half brick skins, cavity filled with concrete (concrete infill elsewhere)	m ² 11		
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Item No		Quantity	Rate	Amount R
	<u>BRICKWORK SUNDRIES</u>			
	<u>2,5mm Brickwork reinforcement:</u>			
23	75mm Wide reinforcement built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m 114		
24	Ditto, but for 150mm Wide	m 1		Rate only
	<u>FACE BRICKWORK</u>			
	<u>"Approved" clay face bricks (Cost Price R5 500-00/1 000 (net), delivered on site, but excluding VAT) pointed with recessed horizontal and vertical joints:</u>			
25	Extra over brickwork for face brickwork in foundations	m ² 4		
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 3</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Concrete general</u> Surface beds cast in panels shall be cast in panels not exceeding 20m² All reinforced concrete is to be compacted with a mechanical vibrator <u>Concrete test cubes</u> Descriptions and tendered rates for concrete strength test cubes, as required under clause 7, "Tests" of SANS 1200 G, shall be deemed to cater for all the costs of providing cube moulds necessary for the purpose, making, storing and sending thereof to an approved accredited laboratory for testing, paying all charges in connection therewith and for submitting test result reports to Principal Agent All concrete strength test cubes, each size 150 x 150 x 150mm, shall be prepared in a set of three			
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Item No		Quantity	Rate	Amount R
	It will be required from the Contractor to prepare concrete strength test cube sets for each building at the following minimum frequencies: - One set of three cubes for every 15m³, or part thereof, of concrete cast per day, or: - One set of three cubes for each batch of concrete cast per event All concrete strength test cubes shall be labelled and the identity thereof (ie. date, concrete strength type, position where batch was cast relative to the building and building identity) shall be properly recoded for future reference <u>Formwork</u> Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described			
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	Section No. 2 Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the Principal Agent for design reasons. Formwork necessitated by irregularities 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 which is made for in "Earthworks"			
	<u>Fabric reinforcement</u>			
	Standard welded steel fabric reinforcement shall be as included in Table 1 of SANS 1024 and shall have 300mm wide laps			
	The mass of binding wire is not included in the mass of the reinforcement and the cost thereof must be included in the rates for reinforcement			

	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>25MPa/19mm at 28 days mass concrete, in:</u>			
1	Surface beds cast in panels on waterproofing	m³	1	
2	Extra over concrete for thickening size 170mm deep, 450mm wide including all excavation to 100mm, backfilling, etc.	m	3	
3	Ramps	m³	1	
	<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>			
	<u>30MPa/19mm at 28 days mass concrete, in:</u>			
4	Slabs, including beams and inverted beams	m³	1	
5	Columns	m³	0.3	
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	Section No. 2 Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			
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Item No		Quantity	Rate	Amount R
	<u>TEST CUBES</u>			
6	Making and testing a set of three concrete strength test cubes, each 150 x 150 x 150mm, sending them to an approved laboratory for testing and paying all charges in connection therewith (one block to be tested after 7 days)(Provisional)	No 3		
	<u>CONCRETE SUNDRIES</u>			
	<u>Finishing top surfaces of concrete smooth with a wooden float whilst concrete is still green:</u>			
7	Surface beds, slabs, etc	m ² 20		
	<u>FORMWORK, ETC. TO CONCRETE</u>			
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Rough formwork to sides:</u>			
8	Edges, risers and reveals not exceeding 300mm high	m 6		
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Smooth formwork to sides:</u>			
9	Edges, risers, ends and reveals exceeding 300mm high or wide	m ² 15		
	<u>Smooth formwork to circular and partly circular columns:</u>			
10	230mm Diameter column 2300mm high	No 4		
	<u>Smooth formwork to soffits:</u>			
11	Beams propped up exceeding 1,5m and not exceeding 3,5m high	m ² 2		
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Section No. 2 Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>MOVEMENT, EXPANSION JOINTS ETC</u>			
	<u>Expansion joints with 10mm bitumen impregnated softboard between vertical concrete and brick surfaces:</u>			
12	Not exceeding 300mm high to edges of surface beds	m	13	
	<u>Saw-cut joints:</u>			
13	3 x 40mm Deep saw-cut joints in top of concrete	m	1	Rate Only
	<u>Vertical construction joints through concrete including thick cement slurry to one face:</u>			
14	Surface beds not exceeding 300mmm thick	m	6	
	<u>REINFORCEMENT</u>			
	<u>High tensile steel reinforcement to structural concrete work:</u>			
15	Steel reinforcement in various sizes	t	0.12	
	<u>Fabric reinforcement:</u>			
16	Type 193 fabric reinforcement laid in surface beds, etc	m ²	18	
	<u>Sundries:</u>			
17	Allow for all cover blocks and spacers	Item		
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CONCRETE, FORMWORK AND REINFORCEMENT				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,				
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 4</u> <u>MASONRY</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary items or materials</u> Proprietary items or materials where specified are to be of the brand specified - or other approved - by the principal agent <u>Sizes in descriptions</u> Where sizes in descriptions are given in brick units, "one-brick" shall represent the length and "halfbrick" the width of a brick <u>Face bricks</u> Bricks shall be ordered timeously to obtain uniformity in size and colour All cutting to face bricks must be done by cutting saw and prices to include for the use of mechanical cutting saws			
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Section No. 2 Bill No. 4 MASONRY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<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>Samples, etc</u>			
	Rates for brickwork, faced brickwork, etc shall include for all required samples -----			
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork of approved NFP bricks in class II mortar:</u>			
1	Half brick walls	m ²	2	
2	Half brick walls in beamfilling	m ²	8	
3	One brick walls	m ²	19	
4	One brick walls in beamfilling	m ²	4	
5	One brick walls above plate level	m ²	36	
	<u>BRICKWORK SUNDRIES</u>			
	<u>2,5mm Brickwork reinforcement:</u>			
6	75mm Wide reinforcement built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	8	
7	Ditto, but for 150mm wide	m	225	
	<u>Pre-stressed fabricated lintels:</u>			
8	100 x 70mm Lintels in lengths not exceeding 3m long	m	16	
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	Section No. 2 Bill No. 4 MASONRY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			
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Item No		Quantity	Rate	Amount R
	<u>Turning pieces to lintels etc:</u>			
9	230mm Wide turning pieces	m	8	
	<u>Galvanised roof ties, etc:</u>			
10	1,6 x 32mm Pre-punched galvanised roof tie 900mm girth with bottom end bent to right angle and built seven courses into brickwork and top end eight times nailed to truss (Provisional)	No	20	
	<u>Galvanised hoop iron cramps, ties, etc</u>			
11	1,2 x 30mm Wall tie 700mm long with one end built into 230mm wide brickwork and other end into 115mm wide brickwork	No	39	
	<u>FACE BRICKWORK</u>			
	<u>Cutting of face bricks</u>			
	Prices to allow for all cutting to face bricks by means off mechanical cutting saw			
	<u>"Approved" clay face bricks (Cost Price R5 500-00/1 000 (net), delivered on site, but excluding VAT) pointed with recessed horizontal and vertical joints:</u>			
12	Extra over ordinary brickwork for facing and pointing in stretcher bond	m ²	17	
13	Half brick wall in beamfilling including necessary fair cutting around roof trusses	m ²	10	
14	Extra over brickwork for brick-on-edge header course lintels, pointed on all exposed faces	m	14	
15	Fair cutting faced brickwork around pipes not exceeding 100mm diameter (Provisional)	No	10	
16	Ditto, but exceeding 100mm and not exceeding 200mm diameter (Provisional)	No	1	
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	REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			
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Item No		Quantity	Rate	Amount R
	<u>Brick-on-edge header course copings, sills, etc. of</u> <u>"Approved" clay face bricks (Cost Price R5 500-00/1</u> <u>000 (net), delivered on site, but excluding VAT) pointed</u> <u>with recessed joints on all exposed faces:</u>			
17	230mm Wide sills set sloping and slightly projecting	m	13	
18	Extra over last for solid facebricks to ends	No	16	
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Item No		Quantity	Rate	Amount R
	<u>SECTION 2</u> <u>BILL NO 5</u> <u>WATERPROOFING</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>General</u> Dampproofing and waterproofing are measured net and descriptions shall be deemed to include for laps, cutting and waste, dressing in and sealing with a suitable sealant where necessary ----- <u>DAMP-PROOFING OF WALLS AND FLOORS</u> <u>Colour coded polyethylene sheeting complying with SANS 952-1985, Type B in practicable widths with all joints lapped in accordance with the manufacturer's instructions:</u>			
1	375 Micron embossed black polyethylene damp-proof course to walls, sills, etc. (measured net)	m²	8	
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Item No		Quantity	Rate	Amount R
	<u>Colour coded polyethylene sheeting complying with SANS 952-1985, Type C in widest practicable widths with all joints lapped and sealed in accordance with the manufacturer's instructions:</u>			
2	250 Micron green medium density damp-proof membrane laid loose on top of sand bed (elsewhere) under solid floors with pressure sensitive tape jointing	m ²	9	
	<u>JOINT SEALANTS, ETC.</u>			
	<u>"Sikaflex Pro-3icure" polyurethane sealing compound including backing cord, bond breaker, primer, etc. in:</u>			
3	3 x 40mm Horizontal saw-cut joint in floors	m	1	Rate Only
4	10 x 20mm Horizontal expansion joint in floors, including removal of pre-cut pre-cut tear-off strip to "Sondor Jointex" closed cell expanded polyethylene joint former ("Sondor Jointex" joint former elsewhere) (Provisional)	m	6	
	<u>"Sikaflex-35SL" polyurethane elastomer joint sealing compound, bond breaker, primer, etc., in:</u>			
5	3 x 40mm Horizontal partitioning joint in floors	m	70	
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u>			
<u>BILL NO 6</u>			
<u>ROOF COVERINGS, ETC</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			

<u>TILES</u>			
<u>330 x 420mm concrete (terra cotta) tiles nailed with non-corrosive nails and/or fixed with suitable non-corrosive clips as required to and including 38 x 38mm sawn softwood battens at 320mm centres over and including an underlay of multi-layered reinforced aluminium foil faced one side sheeting in accordance with SANS 1381-4 with a mass of not less than 218g/m² and a Class I fire rating in accordance with SANS 0177-3 fixed under battens with minimum laps of 150mm:</u>			
1	Roof covering with pitch not exceeding 25 degrees	m²	273
2	Ridges of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 75mm wide strip of 375 micron embossed dampproof course in accordance with SANS 952 Type B underlay and necessary additional battens	m	27
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Section No. 2 Bill No. 6 ROOF COVERINGS, ETC REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
3	Hips of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 75mm wide strip of 375 micron embossed dampproof course in accordance with SANS 952 Type B underlay, raking cutting to tiles on both sides and necessary additional battens	m	38	
4	Extra over for purpose made tile at intersection between ridge and two hips	No	5	
5	Open valleys including raking cutting on both sides and necessary additional battens (valley gutters elsewhere)	m	22	
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ROOF COVERINGS, ETC				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,				
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 7</u> <u>CARPENTRY AND JOINERY</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Roof construction</u> Prefabricated timber roof construction complete (including battens and/or purlins, wall plates, bearers, bracing, etc.) designed, constructed, delivered and erected by an approved firm of specialists, under a written guarantee. Both the design and design guarantee shall be lodged with the principal agent for approval before the work is commenced. Once erected an erection certificate shall be supplied to the principal agent (Refer to drawings annexed to these bills of quantities) <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at maximum 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
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Section No. 2 Bill No. 7 CARPENTRY AND JOINERY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No	Quantity	Rate	Amount R
<u>Joinery</u>			
Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc.			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			

<u>ROOFS, ETC.</u>			
<u>The following in pre-fabricated roof trusses manufactured from "CCA Tanalith" pre-treated wrought softwood</u>			
<u>Allow for the preparation and submission of the following document in respect of all buildings:</u>			
1	Item		
Detailed shop drawings indicating truss sizes, truss positions, bracings, details, etc. to be submitted for approval prior the commencement of any fabrication			
2	Item		
Design certificate indicating the licensed programme used, SABS specifications adhered to, general procedures and loadings adopted, sizes and grading of timber components, details, etc			
3	Item		
Erection guarantee certificate after the whole completed roof truss structure have been inspected, all defective work have been taken out and made good, etc. to the full satisfaction of the principal agent			
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REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<u>Supply, fabricate and deliver to site:</u>			
4	Supply and erect roof structure over new square-shaped guard house area with 22° double pitch including four hips (approximately 30m ² roof covering area measured on slope) (3,260 x 3,260m span) complete with overhangs, bracing, fixing cleats, hangers, coach screws, tiling battens, wall plates, to receive concrete roof tiles and 6,4mm "Saint-Gobain" Gyproc rhinoboard, all in accordance with specialists drawings and specifications provided by the manufacturer (Roof coverings elsewhere) (See attached drawing no.: 633x2x2_RA)	No	1	
5	Ditto, but over existing T-shaped municipality offices area with 25° double pitch including two valleys and two hips (approximately 245m ² roof covering area measured on slope) (one wing 10,00 x 10,00m span and t-section 10,00 x 7,02m span) complete with overhangs, bracing, fixing cleats, hangers, coach screws, tiling battens, wall plates, to receive concrete roof covering and 6,4mm "Saint-Gobain" Gyproc rhinoboard, all in accordance with specialists drawings and specifications provided by the manufacturer (Roof coverings elsewhere) (See attached drawing no.: 633x2x1_RA)	No	1	
	<u>Wrought laminated hardwood:</u>			
6	230 x 600mm Beams	m	7	
7	106 x 363mm Beams	m	18	
	<u>Sundries:</u>			
8	Two coats creosote on sawn timbers before fixing (Provisional)	m ²	14	
	<u>EAVES, VERGES, ETC.</u>			
	<u>Sawn softwood:</u>			
9	38 x 38mm Branders (Provisional)	m	98	
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Section No. 2 Bill No. 7 CARPENTRY AND JOINERY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>Medium density plain fibre-cement fascias and barge boards:</u>			
10	12 x 225mm Fascia boards countersunk screwed with including 14 x 40mm brass screws to roof timbers, galvanised steel H-profile jointing strips	m	98	
11	12 x 80 x 275mm Barge boards countersunk screwed with including 14 x 40mm brass screws to roof timbers, galvanised steel H-profile jointing strips	m	5	
	<u>DOORS, ETC</u>			
	<u>Wrought meranti doors hung to steel frames (Exposure Class 1):</u>			
12	40 mm Framed ledge and braced batten door 813 x 2032mm with 114mm stiles and top rail, 19 x 114mm braces, 19 x 114mm middle ledge and 19 x 228mm bottom ledge, filled in on one side with 22mm tongued, grooved and V-jointed vertical boarding in narrow widths with V-joint continued around framing on flush side and reverse side covered with 6mm plywood panel with meranti veneer on face and let flush into, glued and pinned in, both leaves with rebated meeting stiles	No	2	
13	Ditto, but for 914 x 2032mm high	No	1	Rate Only
14	40mm Framed batten double door 1613 (net) x 2032mm high overall in two equal leaves with rebated meeting stiles, each leaf of 40 x 150mm top rail and stiles, 18 x 150mm middle ledge and braces and 40 x 220mm bottom rail, filled in with 18mm V-jointed one side boarding and covered on other side with 4mm plywood with veneer to match door, let into and including rebates all round	No	2	
	<u>"PJ Timbers" semi-solid flush medium duty doors with 3,2mm prime-coated finished white hardboard covering on both sides, hung to steel frames:</u>			
15	40mm Door 813 x 1862mm high	No	8	
16	40mm Door 813 x 2032mm high	No	14	
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Section No. 2 Bill No. 7 CARPENTRY AND JOINERY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No			Quantity	Rate	Amount R
17	40mm Door 914 x 2032mm high	No	1		
18	40mm Double door 1613 (net) x 2032mm high in equal leaves with rebated meeting edges	No	3		
	<u>Acoustic folding doors:</u>				
19	"Aluglass Bautech Variflex" VX83 mobile acoustic partition, 6540 x 2700mm high to suit steel support up to underside of structural support (not by Aluglass Bautech) opening size 6540 x 2700mm high, comprising of tongued and grooved acoustically decoupled 45dB panels with white oak veneer finish, with mechanically retractable top and bottom seals and vertical seals formed of aluminium extrusions with lip seals and magnetic strips, panels suspended at one roller trolley per panel on track with ball bearing and/or thrust rollers with track bolted to suspension plates in turn bolted to steel support structure (steel support elsewhere) and 150mm high bulkhead fitted between track and u/s fixing structure and above fixing structure in ceiling void. elements are to park crosswise under track with elements stacking one side	No	1		
	<u>Non-acoustic folding doors:</u>				
20	"Aluglass Bautech Varifold" wooden folding door (single leaf), model elegance with clear opening of 1200 x 1200mm high fixed to timber frame (frame elsewhere) finished with white oak veneer including all sliding gear, heavy duty hook, etc	No	2		
	<u>FRAMED FRAMES, MULLIONS, TRANSOMS, ETC</u>				
	<u>Wrought meranti:</u>				
21	50 x 300mm Frames, plugged	m	5		
22	22 x 300mm Rebated and angle rounded frames	m	10		
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Section No. 2 Bill No. 7 CARPENTRY AND JOINERY REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY					

Item No		Quantity	Rate	Amount R
	<u>BEADS, ARCHITRAVES, SILLS, ETC</u>			
	<u>Wrought meranti:</u>			
23	22 x 150mm Moulded architraves, plugged	m 13		
	<u>WALL PANELLING TO COUNCIL CHAMBERS</u>			
24	Council chamber wood panelling 3100mm high overall (above 100mm skirting) formed of 22 x 44mm grooved solid saligna framed panels size 450 x 674mm with saligna veneered 10mm Supawood infill panels, 22 x 110mm saligna bottom rail and 22 x 110 x 84mm saligna boxed fascia above, screwed to 22 x 44mm wrought SA pine bearers plugged, the vertical joints between panels rebated for and fitted with 6 x 6 x 6mm equal channel deep black anodised aluminium shadowline, all wood spray painted with three coats of clear matt polyurethane varnish finish	m 27		
25	Council chamber extra over wood panelling 3100mm high for fair end	No 6		
26	Council chamber extra over wood panelling 3100mm high for internal angle	No 4		
27	Council chamber extra over wood panelling 3100mm high for external angle	No 2		
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Section No. 2

BUILDING WORKS

Bill No. 7

CARPENTRY AND JOINERY

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Bill No. 7

CARPENTRY AND JOINERY

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 8</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at maximum 600mm centres, and where described as "bolted", these bolts have been given elsewhere <u>Ceilings</u> Unless otherwise described, ceilings shall be deemed to be horizontal <u>Steel components</u> All steel components for ceilings, partitions, bulkheads, etc. are to be galvanised in accordance with SANS 121			
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Section No. 2 Bill No. 8 CEILINGS, PARTITIONS AND ACCESS FLOORING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	Drywall partitions			
	Partitions consisting of 92mm galvanised steel studs at 610mm centres as vertical support secured in matching galvanised steel floor and ceiling channels, clad on one or both sides as described, including additional studs as necessary at abutments, ends, etc. Board cladding shall be fixed and jointed in strict accordance with the manufacturer's instructions			
	Unless otherwise described, prices for partitions shall be deemed to include for standard flat section aluminium skirting on boarded sides			
	Wall paper and paint or varnish finishes are given separately			

	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>			
	<u>Sawn softwood:</u>			
1	38 x 114mm Ceiling joists (Provisional)	m	16	
2	38 x 38mm Hangers 200mm long	No	80	
	<u>"Aerolite" soft-touch insulation:</u>			
3	135mm Thick insulation closely fitted and laid on top of branderling between roof timbers, etc	m²	398	
	<u>NAILED-UP AND SCREWED UP CEILINGS</u>			
	<u>6.4mm "Saint-Gobain" Gyproc rhinoboard with H-profile galvanised steel jointing strips:</u>			
4	Ceilings, including 38 x 38mm sawn softwood branderling at 450mm centres in one direction	m²	398	
5	External ceilings, including 38 x 38mm sawn softwood branderling at 450mm centres in one direction	m²	34	
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	Section No. 2 Bill No. 8 CEILINGS, PARTITIONS AND ACCESS FLOORING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No			Quantity	Rate	Amount R
6	Extra over ceilings for opening for and including 600 x 600mm pressed steel trap door and frame	No	1		
	<u>Gypsum plasterboard cornices:</u>				
7	75mm Coved cornices, plugged	m	438		
	<u>PARTITIONS ETC</u>				
	<u>DRYWALL PARTITIONS</u>				
	<u>"Saint-Gobain" partitions with 12,5mm thick "Gyproc" Rhinoboard cladding on both sides and filled in with 50mm thick Isover glasswool insulation in blanket form with a density of not less than 32kg/m²:</u>				
8	Partitions 2,720m high with bottom and top tracks plugged	m	70		
9	Extra over partition 2,720m high for vertical abutment	No	20		
10	Extra over partition 2,720m high for corner	No	4		
11	Extra over partition 2,720m high for irregular corner	No	7		
12	Extra over partition 2,720m high for T-intersection	No	4		
	<u>Extra over "PJ Timbers" partitions for 40mm semi-solid flush medium duty doors with 3,2mm veneer on both sides and hardwood edge strips to vertical edges, hung to and including standard pressed steel door frame with one pair of 100mm steel hinges to each hanging stile, including additional studding, trimming, etc. to partitions:</u>				
13	Door 813 x 2032mm high (lockset, door stop, etc elsewhere)	No	13		
14	Door 914 x 2032mm high (lockset, door stop, etc elsewhere)	No	1		Rate Only
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CEILINGS, PARTITIONS AND ACCESS FLOORING

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
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Item No	Quantity	Rate	Amount R
<u>SECTION 2</u>			
<u>BILL NO 9</u>			
<u>IRONMONGERY</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Finishes to ironmongery</u>			
Where applicable, locks are indicated by suffixes in accordance with the following list:			
- AB Anodised bronze - AG Anodised gold - ABL Anodised black - AS Anodised silver - BS Satin bronze lacquered - BJ Black powder coated - CH Chromium-plated - G Gold powder coated - GE Grey enamelled - NI Brushed stainless steel - NM Nickel machined - NV Green painted steel - NP Nickel plated - PB Brass plated - PL Polished brass - PT Epoxy coated			
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Item No		Quantity	Rate	Amount R
	- R Red painted aluminium - SC Satin chromium-plated - SD Sanded - SE Silver enamelled - SS Stainless steel			
	<u>Preparation of door frames</u> Descriptions for flush bolts, door closers, floor springs, etc. shall be deemed to include all necessary preparations to door frames to accommodate same Tendered rates must make provision for this as no additional claims in this regard will afterwards be entertained <u>Fixing of door locks, handles, flush bolts, etc.</u> Fixing of all door locks, handles, flush bolts, etc. shall be regarded as fixed to timber door leaves, unless specifically otherwise indicated <u>Proprietary items</u> Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items Prices are to be based on the specific products/articles specified ----- <u>HINGES, BOLTS, ETC</u> <u>"Assa Abloy":</u>			
1	AL8208-150AS 150mm flush bolt with heel	No	5	
2	AL8208-225AS 225mm flush bolt with heel	No	5	
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Item No		Quantity	Rate	Amount R
3	SS5004-73SS WC indicator (red and white) and turnknob for physically impaired	Pairs 8		
4	37651AS Paraplegic facility indicator bolt	No 1		
<u>CATCHES, CABIN HOOKS, ETC</u>				
<u>In accordance with "Halstead" catalogue:</u>				
5	No. 166 SC 150mm long cabin hook and eye, including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged	No 10		
<u>LOCKS</u>				
<u>"Assa Abloy":</u>				
6	CZ68205222SC Gower "Euro" profile cylinder lockset (with cylinder)	No 21		
7	CZ6822452SC Gower three (3) lever lockset	No 7		
8	SS2016SS Bathroom/WC dead lock case	No 8		
9	L-22315-76SS "Euro" profile cylinder sash lock with red case	No 1		
10	L-21315-76SS "Euro" profile cylinder dead lock case	No 5		
11	2700 Rebated conversion set for "Euro" profile cylinder locks	No 5		
12	2X815/TNP 815T/B31 65mm "Euro" profile bathroom/privacy cylinder	No 1		
13	2X18SC 66mm 5 Pin security "Euro" profile double cylinder	No 5		
14	2X19SC 66mm 5 Pin security "Euro" profile knob cylinder	No 1		Rate Only
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Item No			Quantity	Rate	Amount R
	<u>HANDLES</u>				
	<u>"Assa Abloy":</u>				
15	CZ682-05CH Gower handles, stainless steel plate with cylinder "Euro" cutout	Sets	1.0		
16	AL5D06AS Dove pull handle fixed on 45x192mm narrow plate with "Euro" cylinder cutout, five (5) times holed for countersunk screw fixing to door leaf with male/female screws	Sets	5.0		
17	AL5515-300BTAS 300mm Pull Handle BT	No	2		
	<u>DOOR CLOSERS, FLOOR SPRINGS, ETC.</u>				
	<u>"Assa Abloy":</u>				
18	DC300DA Rack & Pinion "Delayed Action" door closer	Sets	1.0		
19	DC300 Rack & Pinion "Non-Hold Open" door closer	Sets	5.0		
	<u>SUNDRIES</u>				
	<u>"Assa Abloy":</u>				
20	8852SC Dust proof strike, plugged	No	5		
21	SS8025SS Hat & coat hook with buffer, plugged	No	10		
22	87001SS Floor door stop, plugged	No	35		
	<u>BATHROOM FITTINGS</u>				
	<u>"Chairman Industries":</u>				
23	SR2 Stainless steel wall mounted cistern back grab rail plugged with and including 8mm diameter x 75mm long sleeved masonry anchors	No	1		
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Item No			Quantity	Rate	Amount R
24	DL3 Stainless steel wall mounted side grab rail plugged with and including 8mm diameter x 75mm long sleeved masonry anchors	No	1		
	<u>"Franke":</u>				
25	Stainless Steel HF2400 HD Grade 304 1,2/1,5mm thick 18/10 automatic hands free hand dryer, size 584 x 202 x 248mm deep (code: 359961) with 2 vandal proof lock screws and key wrench plugged with stainless steel screws, 200W motor connected to 230/240 volt power supply with 5 year warranty	No	1		Rate Only
26	"Stratos" STRX611 1,5mm thick stainless steel curved front cover wall mounted hygiene waste bin, size 205 x 305 x 134mm (W x H x D), satin finished with surface treatment - InoxPlus (anti-fingerprint), 3,8 litre capacity, folding self-closing lid with piano hinge, removable plastic container inside and mounting kit included	No	1		
27	"Stratos" STRX618 1,5mm thick stainless steel curved front cover wall mounted soap dispenser, size 100 x 304 x 134mm (W x H x D), satin finished with surface treatment - InoxPlus (anti-fingerprint), 0,8 litre capacity replaceable and refillable container, cylinder lock with Franke standard key, inspection window on front and mounting kit included	No	8		
28	"Stratos" STRX672 1,5mm thick stainless steel curved front cover wall mounted toilet roll holder, size 156 x 303 x 141mm (W x H x D), satin finished with surface treatment - InoxPlus (anti-fingerprint), for 2 rolls maximum 120mm diameter with spindle system, standard cylinder Franke key and mounting kit included	No	6		
	<u>LETTERS, NAMEPLATES, ETC</u>				
	<u>"Assa Abloy":</u>				
29	150 x 150mm SS E10 Engraved "Male" information sign, plugged	No	2		
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Item No			Quantity	Rate	Amount R
30	150 x 150mm SS E11 Engraved "Female" information sign, plugged	No	2		
31	150 x 150mm SS E12 Engraved "Male/Female" information sign, plugged	No	2		
32	150 x 150mm SS E14 Engraved "Disabled Person" information sign, plugged	No	1		
33	150 x 150mm SS E01 Engraved "Electrical" information sign, plugged	No	2		
34	150 x 150mm SS E09 Engraved "Telkom" information sign, plugged	No	1		
35	150 x 150mm SS E17 Engraved "Cleaner" information sign, plugged	No	1		
36	150 x 150mm SS E02 Engraved "Tea Cup" information sign, plugged	No	4		
37	150 x 150mm SS E15 Engraved "Running man" escape sign, plugged	No	2		
38	150 x 150mm SS E08 Engraved "Arrow" escape sign, plugged	No	2		
39	150 x 150mm SS E06 Engraved "Fire extinguisher" fire sign, plugged	No	7		
40	150 x 150mm SS E05 Engraved "Fire hose reel" fire sign, plugged	No	2		
	<u>"Buchel":</u>				
41	1223689 Engraved "Arrow" fire sign, plugged	No	9		
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Item No		Quantity	Rate	Amount R
	<u>CORNER PROTECTORS, PUSH PLATES, KICK PLATES, ETC.</u>			
	<u>"Assa Abloy" 1,2mm Thick Grade 430 stainless steel with satin finish:</u>			
42	SS5089-950W Kick plate 914 x 300mm high, plate twelve (12) times holed for countersunk screw fixing to door leaf with male/female screws	No 2		
	<u>ROLLER BLINDS</u>			
	<u>"Taylor Block Out" roller blinds with v-range fabric, complete with tracks, runners, brackets, end caps, spacers, etc., soffit fixing to suit window openings:</u>			
43	Roller blind for window opening, 1511 x 1559mm high	No 11		
44	Roller blind for window opening, 2000 x 1559mm high	No 29		
	<u>STEEL LOCKERS, CABINETS, PANELS, ETC</u>			
	<u>"Cecil Nurse":</u>			
45	KC30 100 Key cabinet with ivory finish, size 380 x 540 x 55mm deep, plugged	No 1		
	<u>PINNING BOARDS, WRITING BOARDS, PROJECTOR SCREENS, ETC.</u>			
	<u>"Vitrex System 2000":</u>			
46	Model 2300 Pinning board (Code: 2315), 1000mm wide x 1200mm high overall, plugged	No 1		
47	Model 2300 Pinning board (Code: 2309), 1800mm wide x 1200mm high overall, plugged	No 12		
48	Extra on all pinning boards for fixing edges with additional approved 75mm long masonry anchors plugged	No 52		
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**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
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<u>SECTION 2</u>			
<u>BILL NO 10</u>			
<u>METALWORK</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Primer</u>			
All surfaces of steelwork to be painted with one coat approved factory etch primer before leaving the workshop of the Manufacturer and all scratches, chips or blemishes to be made good on site after erection. All rates tendered must make provision for this as no claim will afterwards be entertained.			
<u>Door frames</u>			
Unless otherwise described, the following shall be applicable on all door frames:			
- Frames shall be double rebated suitable for 40mm thick doors - One jamb of all frames for single doors shall be factory prepared for striking plate of mortice lock - All frames shall be factory fitted with three washered butt hinges for each door			
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Section No. 2 Bill No. 10 METALWORK REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
-	All frames shall be treated with one coat factory applied metal primer complying with SANS Specification 909			
	<u>Striking plates for door frames</u>			
	Striking plates pressed steel door frames are to be of adjustable chromium-plated type and prepared for mortice locks, unless otherwise described.			
	<u>Sealing of all abutments</u>			
	All windows, etc. abutting face brick walls etc. to be sealed watertight with an approved silicon sealant along all joints and prices to allow therefore -----			
	<u>STEEL MINOR WORK</u>			
	<u>The following in identical steel support columns:</u>			
1	100 x 100 x 3,0mm Tubular section columns	m	3	
2	Extra on last for mitred and welded L-intersection	No	6	
3	200 x 200 x 8mm Flat section base and top plate, four times holed through plate for 12mm diameter bolts and welded to both ends of tubular section column (Provisional)	No	6	
4	12mm Diameter x 75mm long sleeved masonry anchor (Provisional)	No	16	
	<u>The following in beams to timber folding type door to council chambers:</u>			
5	203 x 133 x 30kg/m I-section beams built-in brickwork	kg	210	
6	Extra on last for mitred and welded L-intersection	No	2	
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Item No		Quantity	Rate	Amount R
	<u>PRESSED STEEL DOOR FRAMES</u>			
	<u>"NTY Steel" 1,2mm Double rebated frames suitable for half brick walls, for:</u>			
7	Frame for door 813 x 2032mm high	No 2		
8	Frame for door 914 x 2032mm high	No 1		
	<u>"NTY Steel" 1,2mm Double rebated frames suitable for one brick walls, for:</u>			
9	Frame for door 813 x 2032mm high	No 1		
10	Frame for door 914 x 2032mm high	No 1		Rate Only
11	Frame for door 1613 x 2032mm high, with top rail prepared for keep of barrel bolt	No 1		
	<u>STEEL WINDOWS, DOORS, ETC</u>			
	<u>"NTY Steel" Standard residential windows:</u>			
12	Window type NE7, 1022 x 654mm high	No 1		
13	Window type TD57S5, 1511 x 1559mm high	No 1		
14	Window type TD57S8, 2000 x 1559mm high	No 1		
	<u>STEEL STRONG ROOM DOORS, VENTILATORS, ETC.</u>			
	<u>"Mutual Safes" strongroom doors, etc. suitable for and fixed to brickwork or concrete walls:</u>			
15	Model DS50/2 SABS category 2 (Light duty) strong room door complete with two 7 lever keylocks and 3 wheel combination lock	No 1		Rate Only
16	185 x 185 mm Double ended strongroom telescopic ventilator for 230mm wall, complete with two 255 x 255 mm face plates, baffle plates, fixing lugs, etc	No 1		Rate Only
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17	Standard safe doorstep	No	1	Rate Only
	<u>ALUMINIUM WINDOWS, DOORS, SHOPFRONTS, ETC.</u>			
	<u>Manufacturing of aluminium doors, windows, shop fronts, etc</u>			
	All aluminium doors, windows, shop fronts, etc. are to be manufactured, supplied and installed complete under guarantee by an approved firm of specialists and shall comply with AAAMSA design criteria Glazing shall comply with SAGGA regulations. Glass shall be type as shown on the window schedules and/or drawings appended to these bills of quantities and/or as described in the headings to window descriptions. Glass thickness shall comply with SAGGA regulations irrespective of thickness shown on the schedules/drawings For purpose made windows and doors, refer to drawings annexed to these bills of quantities The following documents, certificates, guarantees, etc. shall be provided and the necessary approvals obtained from the Principal Agent prior to commencement of any fabrication and/or work on site: 1 A complete set of workshop drawings as prepared by manufacturer of the aluminium doors, windows and shop front units 2 A copy of the relevant AAAMSA Performance Test Certificate from the Manufacturer supplying the architectural aluminium product 3 A Certificate of Conformance confirming that anodizing or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively			
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	<u>Protection</u> Doors, windows, shop fronts, etc. shall be supplied with protective tape and plastic and must be erected, wherever practicable, as near to the end of the contract period as possible to minimise the danger of possible damages. Protective material must be maintained during the course of the project to ensure protection against possible damages, deterioration or discolouration caused by movement of personnel, mortar droppings, varnish, wax, paint, etc., all to the entire satisfaction of the Principal Agent and shall be removed only once surrounding trades have been completed <u>Steel louvered windows</u> Steel louvered windows to be "Trox" or other approved adjustable steel louvres of powder coated finish, complete with framework, stiles pivoted glass holds, weather beads, handle, etc., supplied by and installed all in accordance to the Manufacturer's specifications <u>Dimensions</u> All dimensions given in the descriptions of the aluminium windows, door, etc. are nominal and actual measurements are to be obtained or taken on the site before fabrication commences <u>OUTWARD OPENING ALUMINIUM CASEMENT WINDOWS</u> <u>Powder coated casement window units, glazed with 6,38mm normal strength (NS) obscured tinted laminated low-e safety glass, as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>			
18	Standard window type PT66, 600 x 600mm high	No	1	
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Item No			Quantity	Rate	Amount R
	<u>ALUMINIUM FIXED CASEMENT WINDOWS</u>				
	<u>Powder coated fixed casement window units, glazed with 6,38mm normal strength (NS) one way type tinted laminated low-e safety glass, as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>				
19	Purpose made window, 600 x 900mm high	No	1		
	<u>"Mutual Safes" PW2 G2 natural anodised pay window, glazed with 38mm bullet resistant laminated safety glass, as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>				
20	Purpose made window, 600 x 950mm high, including 175mm deep box post formed oak counter top fitted with stainless steel transfer tray type CT20A 145mm deep	No	2		
	<u>ALUMINIUM HORIZONTAL SLIDING WINDOWS</u>				
	<u>Powder coated combination casement and horizontal sliding window units, glazed with 7,52mm high penetration resistance (HPR) one way type tinted laminated low-e safety glass, as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>				
21	Purpose made window, 1100 x 900mm high	No	1		
22	Purpose made window, 2980 x 900mm high	No	2		
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Item No		Quantity	Rate	Amount R
	<u>ALUMINIUM DOORS</u>			
	<u>Powder coated aluminium doors units glazed with clear 6,38mm thick laminated low-e safety glass as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>			
23	Purpose made double swing door with frame suitable for opening 1800 x 2100mm high overall, double door in two equal leaves to swing inwards, each leaf formed of two stiles, top, bottom and middle rail to form two sashes each in single square fixed, with and including two approved 150mm flush bolts and brush strip to bottom per each leaf	No	1	Rate Only
	<u>ALUMINIUM SLIDING DOORS</u>			
	<u>Powder coated aluminium sliding doors glazed with 6,38mm thick clear laminated low-e safety glass as per "Wispeco" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete:</u>			
24	Standard sliding door type OX, 2100 x 2100mm high	No	1	Rate Only
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METALWORK

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Bill No. 10

METALWORK

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
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<u>SECTION 2</u>				
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<u>PLASTERING</u>				
<u>PREAMBLES</u>				
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors				
<u>NOTE</u>				
All prices/rates to be net, excluding Value Added Tax -----				
<u>SCREEDS</u>				
<u>1:3 Cement plaster screeds steel trowelled, on concrete:</u>				
1	30mm Thick to floors and landings	m²	1	Rate Only
2	30mm Thick on narrow widths not exceeding 300mm wide	m²	1	Rate Only
<u>1:4 Cement plaster screed wood floated for tiles, on concrete:</u>				
3	30mm Thick on floors and landings	m²	8	
4	30mm Thick on narrow widths not exceeding 300mm wide	m²	0.4	
<u>INTERNAL PLASTER</u>				
<u>Cement plaster wood floated for tiles, on brickwork:</u>				
5	Walls	m²	13	
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Item No		Quantity	Rate	Amount R
6	Narrow widths	m ² 1		
	<u>Cement plaster steel trowelled, on brickwork:</u>			
7	Walls	m ² 32		
8	Narrow widths	m ² 5		
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<u>SECTION 2</u> <u>BILL NO 12</u> <u>TILING</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Adhesive system</u> "Tal" Professional adhesive mixed with "Tal" bond (5l/20kg adhesive replacing water) applied with a notched trowel to provide a solid adhesive bed of 5-6 mm. No voids should be left in the system. Adhesive should not be allowed to dry before application of tiles. All preparatory work and applications must be done in accordance with the manufacturers specifications and rates must include for this. <u>Movement joints</u> Suitable movement joints should be located at maximum 4,5m centres in both directions, horizontally and vertically and within 1m of all horizontal and vertical corners and against any obstructions fixed to the structural background <u>Patterns</u> Unless otherwise described, tiles shall be laid with continuous joints in both directions			
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Item No		Quantity	Rate	Amount R
	<u>Unglazed split tiles</u> All tiles to be true and even in shape and free from cracks, chips, blemishes and other defects and to be factory sealed with approved sealer. All tiles to be dipped in water for 24 hours immediately before fixing and are to be bedded in and including cement mortar, unless otherwise described, to true and even surfaces and grouted with 6mm wide continuous joints in both directions, all strictly in accordance with the Manufacture's instructions <u>Prices</u> Prices are to include for all taking delivery, offloading, storing, fixing including tile adhesive and grout, square cutting, waste, cleaning off on completion and protection from injury. Areas are measured net to face of bare brickwork and concrete. Any additional area caused by the thickness of tiling and screed are to be allowed for in prices ----- <u>WALL TILING</u> <u>"Approved" 600 x 300 x 10mm polished full body porcelain wall tiles (Cost Price R180-00 net/m² delivered on site, but excluding VAT) fixed with approved wall tile adhesive to plaster (plaster elsewhere) and flush pointed with approved waterproof tile grout:</u>			
1	On walls	m ²	13	
2	On walls in isolated panels, splashbacks, etc	m ²	7	
3	Walls in narrow widths not exceeding 300mm	m ²	1	
4	Fair exposed cutting and fitting around pipe not exceeding 100mm external diameter (Provisional)	No	23	
5	Ditto, but exceeding 100mm and not exceeding 200mm external diameter (Provisional)	No	6	
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Section No. 2 Bill No. 12 TILING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>FLOOR TILING</u>			
	<u>"Approved" 600 x 600 x 8mm Porcelain full body floor tiles (Cost price R350-00 net/m² delivered on site, but excluding VAT) fixed with an approved floor tile adhesive to screed (screed elsewhere) and flush pointed with approved waterproof tile grout, to:</u>			
6	On floors and landings	m ² 569		
7	On narrow widths not exceeding 300mm wide	m ² 8		
8	On risers 170mm high of cut tiles	m 5		
9	On treads 300mm wide of cut tiles	m 3		
10	Skirting 100mm high of cut tiles	m 320		
11	Skirting 100mm high of cut tiles stepped over treads and risers	m 2		
	<u>"Approved" 600 x 600 x 10mm unpolished full body porcelain floor tiles (Cost price R350-00 net/m², delivered on site, but excluding VAT) fixed with an approved floor tile adhesive to screed (screed elsewhere) and flush pointed with approved waterproof tile grout:</u>			
12	On floors and landings	m ² 97		
13	On narrow widths not exceeding 300mm wide	m ² 1		
14	Skirting 100mm high of cut tiles	m 11		
15	Circular cutting and waste around base of WC pedestal (Provisional)	m 7		
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Section No. 2 Bill No. 12 TILING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>SUNDRIES</u>			
	<u>"Kirk" or similar approved aluminium corner protectors, stair nosings, expansion joint strips, etc:</u>			
16	10mm Depth M-Trim aluminium straight edge trim (code ASE100) inlay	m 6		
17	15mm Depth M-Trim aluminium straight edge trim (code ASE150) inlay	m 11		
18	15mm Depth M-Trim aluminium movement joint (code AMJ150) inlay	m 61		
19	85mm Width x 30mm Depth M-Trim aluminium double retro-fit stair nosing code APDRN850	m 37		
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REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Section No. 2

BUILDING WORKS

Bill No. 12

TILING

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Bill No. 12

TILING

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 2</u> <u>BILL NO 13</u> <u>PLUMBING AND DRAINAGE</u> <u>(PROVISIONAL)</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Excavations</u> Prices for all excavations must include for necessary staging and for the risk of collapse of excavation side and also keeping excavations free from water <u>Compacting</u> Filling for all types of pipes described as "under solid floors, etc." shall be done with approved backfilling and compacted to 93% Mod. AASHTO density, unless otherwise described <u>Stainless steel basins, sinks, wash troughs, urinals, etc</u> Stainless steel used for the manufacturing of urinals, basins, quality sinks, wash troughs, institutional equipment, etc. shall be type 304 (18/8)			
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Item No		Quantity	Rate	Amount R
	<u>Sealing of abutments</u> All sanitary fittings abutting walls, tiled surfaces, vanity slabs, work tops, etc. to be sealed watertight with an approved silicon sealant along all joints Tendered rates must make provision for this as no additional claims in this regard will afterwards be entertained <u>Waste unions</u> Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings <u>PVC 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 <u>Copper pipes</u> Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. 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 <u>Timber backing boards</u> Descriptions for fire extinguishers shall be deemed to include hardwood backboard with exposed edges chamfered and finished with three coats approved satin gloss polyurethane varnish			
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Item No		Quantity	Rate	Amount R
	<u>Testing</u>			
	Descriptions for the testing of plumbing and drainage installations shall be deemed to cater for all testing apparatus, labour, etc. and shall be done strictly as directed by and in accordance to the Principal Agent's instructions, including for retesting after taking out and making good all defective work to his entire satisfaction			

	<u>SANITARY FITTINGS</u>			
	<u>"Franke":</u>			
1	Type "SA94" stainless steel sink size 900 x 460mm wide with end bowl on cupboard (cupboard elsewhere)	No	2	
2	Type "RDX610-44" stainless steel prep bowl size 450 diameter x 157mm deep on cupboard (cupboard elsewhere)	No	1	
	<u>"Vaal Sanitaryware":</u>			
3	Vaal: Vitreous china "Daisy" (code 700803WH) 510 x 400mm semi-rectangular basin (colour: white) with integrated overflow and chain stay hole, two tap holes, 32mm in left and right (tap elsewhere) and fixing to brickwork with two 10mm bolts (code 8448Z0)	No	1	
4	Vaal: Vitreous china "Daisy" (code 700803WH) 510 x 400mm semi-rectangular basin (colour: white) with integrated overflow and chain stay hole, one tap hole, 32mm in centre (tap elsewhere) and fixing to brickwork with two 10mm bolts (code 8448Z0)	No	6	
5	Vaal: Vitreous china "Daisy" white semi closed coupled suite colour white (code: 751400 with matching 9 litre front single flush cistern (code: 7116SC), including lid, fitments and flush pipe elbow and double flap seat	No	5	
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Item No		Quantity	Rate	Amount R
6	Vaal: Vitreous china "Pearl" white paraplegic semi closed coupled suite colour white (code: 7300SC with matching 9 litre front single flush cistern), including lid, fitments and purpose made C.P. side-flush lever. supplied with pipe elbow, purpose made thermoset seat and cover plate	No	1	
7	Vaal: Vitreous china "Lavatera" top inlet overall size 600 x 385 x 380mm (code: 705426) wall mounted urinal (colour: white) installed with exposed flushvalve (Cobra FJ6-000) including dominical grating and chromium plated top inlet spreader (code: 7054Z100) fixed on and including two hanger brackets	No	2	
<u>WASTE UNIONS, TRAPS, ETC</u>				
<u>"Cobra Watertech":</u>				
8	32mm No 302 Chromium-plated unslotted basin waste union	No	9	
9	40mm No 316 Chromium-plated sink or bath waste union	No	1	
10	40mm No 345 Chromium-plated bottle trap	No	8	
11	50mm No 365 Chromium plated bottle trap	No	2	
<u>"Marley":</u>				
12	40 x 40mm Reseal "P" or "S" trap	No	3	
<u>TAPS, VALVES, ETC</u>				
<u>"Cobra Watertech":</u>				
13	15mm 832/350F Angle regulating valve with 350mm long flexible service connection	No	14	
14	15mm 3294ST Chromium-plated "Stella" basin mixer	No	7	
15	15mm 3366/041/10ST Chromium-plated "Stella" sink mixer with overarm swivel outlet	No	2	
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Item No			Quantity	Rate	Amount R
16	15mm 505-21B Chromium-plated "Elbow action" cold water pillar tap	No	1		
17	15mm 505-21R Chromium-plated "Elbow action" hot water pillar tap	No	1		
18	12mm FJT5-4 chromium plated urinal flush pipe and spreader	No	2		
19	Type FJ6-000 chromium plated urinal flush valve	No	2		
<u>SANITARY PLUMBING</u>					
<u>PVC-U soil and vent pipes:</u>					
20	50mm Diameter pipes	m	19		
21	110mm Diameter pipes	m	9		
<u>Extra over PVC-U soil and vent pipes for fittings:</u>					
22	50mm BSP adaptor	No	8		
23	50mm Bend	No	2		
24	50mm Access bend	No	4		
25	50mm Junction	No	2		
26	50mm "GI Two-way" vent valve	No	6		
27	110mm Bend	No	6		
28	110mm Reducing junction	No	4		
29	110mm Pan connector	No	6		
30	110mm Access bend with anti-syphon horn	No	6		
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Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY					

Item No		Quantity	Rate	Amount R
	<u>Testing:</u>			
31	Testing sanitary plumbing and waste pipe system installation to the satisfaction of the principal agent and the Local Authority, rectify all defective work free of charge and leave in perfect order	Item		
	<u>WATER SUPPLIES</u>			
	<u>Class "0" copper pipes with capillary couplings:</u>			
32	15mm Pipes	m	16	
33	22mm Pipes	m	6	
	<u>Extra over Class "0" copper pipes for capillary fittings:</u>			
34	15mm Fittings	No	34	
35	22mm Fittings	No	7	
	<u>Testing:</u>			
36	Testing water pipe system installation to the satisfaction of the principal agent and the Local Authority, rectify all defective work free of charge and leave in perfect order	Item		
	<u>FIRE APPLIANCES ETC</u>			
	<u>"SafeQuip":</u>			
37	4,5kg Blue Crane DCP Extinguisher with brackets screwed on and including 600 x 200 x 20mm thick varnished hardwood backboard finished with two coats approved clear satin gloss polyurethane varnish, four times plugged	No	7	
38	4,5kg DCP Extinguisher including 490 x 300 x 800mm high fire extinguisher cabinet, plugged	No	1	Rate Only
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Item No		Quantity	Rate	Amount R
39	Fire hose reel complete with wall brackets, 25mm chromium-plated control valve, 30m length of 20mm four-ply rubber and canvas non-kinkable hose, chromium plated nozzle, cock and nozzle bracket, chromium plated swivelling roller guide and bolted to brackets to wall and jointed to galvanised	No 1		Rate Only
<u>WATER SUPPLIES TO FIRE APPLIANCES</u>				
<u>Galvanised medium steel pipes with screwed and socketed joints:</u>				
40	25mm Pipes	m 1		Rate Only
<u>Extra over galvanised medium steel pipes with screwed and socketed joints for steel fittings:</u>				
41	25mm Fittings	No 1		Rate Only
<u>Testing:</u>				
42	Testing fire water pipe system installation to the satisfaction of the principal agent and the Local Authority, rectify all defective work free of charge and leave in perfect order	Item		
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Section No. 2

BUILDING WORKS

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PLUMBING AND DRAINAGE

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Bill No. 13

PLUMBING AND DRAINAGE

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 2</u>			
<u>BILL NO 14</u>			
<u>GLAZING</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Float glass</u>			
The term "float glass" is used for monolithic annealed glass			
<u>Laminated glass</u>			
Laminated glass to have polyvinyl butyral (PVB) interlayer(s)			

<u>GLAZING TO STEEL WITH PUTTY</u>			
<u>6,38mm Normal strength (NS) clear laminated safety glass:</u>			
1	Panes exceeding 0,1m² and not exceeding 0,5m²	m²	14
2	Panes exceeding 0,5m² and not exceeding 2m²	m²	110
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Section No. 2 Bill No. 14 GLAZING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<u>6,38mm Normal strength (NS) obscure tinted laminated safety glass:</u>			
3	Panes exceeding 0,1m ² and not exceeding 0,5m ²	m ² 1		
4	Panes exceeding 0,5m ² and not exceeding 2m ²	m ² 1		Rate Only
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
	<u>6mm Silvered float glass copper backed mirrors with polished edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete:</u>			
5	Mirror 440 x 800mm high with four screws	No 8		
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<u>SECTION 2</u> <u>BILL NO 15</u> <u>PAINTWORK</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Paint</u> All paint, complete with undercoat, primer, etc., to be used strictly in accordance with the manufacturer's specification. Only paint which bears the described trade names will be permitted on site Any substitution will be subject to the prior written approval of the Principal Agent <u>Colours</u> Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards -----			
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Item No		Quantity	Rate	Amount R
	<u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u> <u>PREPARATORY WORK TO EXISTING SURFACES</u> Previously painted plastered surfaces All existing painted surfaces must be sanded and thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth Previously painted metal surfaces Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal Previously painted wood surfaces Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth <u>ON PLASTER SURFACES</u> <u>Remove old paint completely by appropriate means, fill all defects with "Polycell Polyfilla", prime with "Plascon Plaster Primer (UC56)" and apply two finishing coats "Plascon Superior Low Sheen (PEM 1000/TLS)" paint on work in poor condition:</u>			
1	On internal plastered walls	m ²	859	
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Item No		Quantity	Rate	Amount R
	<u>ON SMOOTH CONCRETE SURFACES</u>			
	<u>Remove old paint completely by appropriate means, fill all defects with "Polycell Polyfilla", seal porous surfaces with Plascon Bonding Liquid, apply one coat "Plascon Alkali Resistant Plaster Primer (UC56)" and apply one finishing coat "Plascon Ripple (TPX100)" paint, on:</u>			
2	Ceilings and beams	m ² 7		
	<u>ON FIBRE-CEMENT BOARD SURFACES</u>			
	<u>Remove old paint completely by appropriate means, fill all defects with "Polycell Mendall 90", prime with one coat "Plascon Plaster Primer (UC56)" and two finishing coats "Plascon Superior Low Sheen (PEM 1000/TLS)" paint, on work in poor condition:</u>			
3	Ceilings and cornices	m ² 234		
4	Fascias and barge boards	m ² 56		
	<u>ON METAL SURFACES</u>			
	<u>Remove old paint completely by appropriate means, spot priming defects in pre-primed surfaces with "Plascon Metalcare Etch Primer Red-Oxide (SNK200), prime with "Plascon Metalcare Galvanised Iron Primer (UC501)" and apply two finishing coats "Plascon Super Universal Enamel" paint on work in poor condition:</u>			
5	On door frames	m ² 41		
6	On existing window frames (measured both sides)	m ² 275		
7	Record room doors and frames	m ² 4		
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Item No		Quantity	Rate	Amount R
	<u>ON WOOD SURFACES</u>			
	Note: Knots in wood to be cleaned from resin with laquer thinners and treated with "Plascon Woodcare Knot Seal (PK 2). Allow to dry completely before proceeding with varnish/painting			
	<u>Sand down to a smooth finish, and apply three coats "Plascon Woodcare Wood Preservative (FPR2)", on work in good condition:</u>			
8	Beams, etc	m ²	1	
9	Shelves	m ²	62	
	<u>PAINTWORK, ETC. TO NEW WORK</u>			
	<u>ON PLASTER SURFACES</u>			
	Prepare and stop with interior pollyfilla, seal porous surfaces with Plascon Bonding Liquid, apply one coat "Plascon Alkali Resistant Plaster Primer (UC56)" and apply two finishing coats "Plascon Superior Low Sheen (PEM 1000/TLS)" paint, on:			
10	Internal floated plastered walls	m ²	37	
	<u>ON PLASTERBOARD SURFACES</u>			
	Prepare and stop with interior pollyfilla, seal porous surfaces with Plascon Bonding Liquid, apply one coat "Plascon Alkali Resistant Plaster Primer (UC56)" and apply two finishing coats "Plascon PVA matt emulsion (PME 600)" paint, on:			
11	Ceilings and cornices	m ²	432	
12	Partitions	m ²	335	
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Section No. 2 Bill No. 15 PAINTWORK REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>ON FIBRE-CEMENT BOARD SURFACES</u>			
	<u>Prepare and prime with one coat "Plascon Plaster Primer (UC56)" and two finishing coats "Plascon Superior Low Sheen (PEM 1000/TLS)" paint, on:</u>			
13	Fascias and barge boards	m ² 24		
	<u>ON METAL SURFACES</u>			
	<u>Spot priming defects in pre-primed surfaces with "Plascon Metalcare Etch Primer Red-Oxide (SNK200), prime with "Plascon Metalcare Mild Steel Primer (UC501)" and apply two finishing coats "Plascon Super Universal Enamel (TSE1000)" paint, on:</u>			
14	Door frames	m ² 5		
15	Windows frames (measured both sides)	m ² 12		
16	Columns, rails, bars, pipes, etc.	m ² 2		
17	Columns and beams	m ² 8		
	<u>Clean with "Plascon Aquasolv Degreaser (GR1), prime with "Plascon Multi-Surface Primer (WUP1)" and apply two finishing coats "Plascon Velvagro Non-drip Water-based Enamel (TVW1000)" paint, on copper:</u>			
18	Rails, bars, pipes, etc not exceeding 300mm girth (Provisional)	m 6		
	<u>ON WOOD SURFACES</u>			
	<u>Sand down to a smooth finish, prime with "Plascon Wood Primer (UC2)", and apply two finishing coats "Plascon Velvagro Non-drip Water-based Enamel (TVW 1000) paint, on:</u>			
19	Doors	m ² 125		
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Item No		Quantity	Rate	Amount R
	<u>Sand down to a smooth finish, and apply three coats "Plascon Woodcare Wood Preservative (FPR2)", on:</u>			
20	Doors	m ² 57		
21	Door frames etc	m ² 4		
22	Beams, etc	m ² 7		
23	Exposed roof timbers at eaves and verges (Provisional)	m ² 17		
24	Shelves	m ² 5		
25	Skirtings, rails, etc not exceeding 300mm girth	m 23		
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PAINTWORK

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PAINTWORK

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
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BUILDING WORKS

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<u>SECTION 3</u> <u>BILL NO 1</u> <u>GENERAL SITE WORKS (PROVISIONAL)</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Supplementary preambles and full descriptions of materials, items, work, etc.</u> The Contractor is referred to the previous Section 2 for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described <u>Site clearance</u> All rubble, rubbish, vegetable soil, shrubs, bush, trees, etc. shall be removed from the whole area and carted away off the construction site to a suitable dumping site, which has to be located by the Contractor, all to the full satisfaction of the Principal Agent			
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Item No		Quantity	Rate	Amount R
	<u>Relevant SANS 1200 specifications</u> The following relevant SANS 1200 Specifications shall be regarded applicable: - Earth mattresses, building platforms, etc: SANS 1200 AA General (Small Works) SANS 1200 C Site clearance SANS 1200 DE Earthworks (Small works) SANS 1200 ME Sub-base SANS 1200 MF Base All work related to the above-mentioned elements shall be done with materials specified and in according to methods prescribed by the relevant SANS 1200 referred to <u>SANS 1200 Specification (General)</u> The SANS 1200 Specifications as referred to above were drawn up to cover activities normally encountered on civil engineering work, which is equally applicable on work scheduled hereunder for this project All the specifications referred to above, although not issued with these Bills of Quantities, shall be deemed to form part of this document and shall be considered as applying to the performance of work to be completed in terms of this Section The Contractor shall obtain a copies of the said specifications from the South African Bureau of Standards and be kept on site at all times <u>Measurement and payment</u> Measurement and payment clauses as described in the above-mentioned specifications, Standardized Specification for Civil Engineering Construction, shall not apply to the work as set out in this Bill			
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	Section No. 3 Bill No. 1 GENERAL SITE WORKS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<u>Aprons</u>			
	Aprons to be cast into alternate sections of 1.5m to form construction joint between panels			

	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing:</u>			
1	100mm Thick unreinforced concrete surface beds, paving, etc	m ²	1	Rate Only
2	100mm Thick reinforced concrete surface beds, paving, etc	m ²	8	
	<u>THE FOLLOWING IN APRONS AND OPEN RAINWATER CHANNELS</u>			
	<u>Compaction of surfaces:</u>			
3	Re-compaction of disturbed formation levels, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ²	23	
	<u>Soil poisoning and insecticide:</u>			
4	Under aprons etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m ²	23	
	<u>20MPa/19mm at 28 days reinforced mass concrete cast on/in formwork:</u>			
5	Aprons cast in panels	m ³	2	
6	Extra over concrete aprons for thickening size 150mm deep average, 200mm wide top and tapering to 100mm at bottom including all excavation to 150mm, backfilling, etc.	m	23	
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Item No		Quantity	Rate	Amount R
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>			
7	Aprons, etc to falls	m ² 23		
	<u>Test cubes:</u>			
8	Making and testing a set of three concrete strength test cubes, each 150 x 150 x 150mm, sending them to an approved laboratory for testing and paying all charges in connection therewith (one block to be tested after 7 days)(Provisional)	No 1		
	<u>Rough formwork to sides:</u>			
9	Edges of aprons not exceeding 300mm high or wide	m 42		
	<u>Fabric reinforcement:</u>			
10	Type 193 fabric reinforcement in concrete slabs etc	m ² 23		
	<u>Precast concrete rainwater channels:</u>			
11	"Vanstone" D10 precast concrete rainwater channels, 500mm wide x 225mm high with 310 x 140mm deep segmental formed therein and finished smooth on exposed surfaces, including necessary excavation, backfill, compaction, concrete, formwork, etc	m 10		
12	Extra over rainwater channel for internal or external corner	No 8		
13	Extra over rainwater channel for T-intersection	No 3		
14	Extra over rainwater channel for open or closed end	No 2		
	<u>(End of aprons and rainwater channels)</u>			
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MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>THE FOLLOWING IN FLAG POLES</u>			
	<u>25MPa/19mm at 28 days In-situ concrete base finished smooth on exposed faces:</u>			
15	Base 600 x 600 x 1000mm deep overall, with top of concrete base projecting 75mm above adjacent paved surfaces and finished smooth on all exposed sides and with horizontal top wood floated with all external angles rounded, including all necessary excavations, formwork, backfilling, etc	No	2	
	<u>Hot dipped galvanised mild steel:</u>			
16	Standard galvanised mild steel flag pole 9m high overall with 6m high bottom section and 3m high top section of flag pole formed of 101mm and 76mm diameter tubular section steel respectively, flag pole complete with 152mm diameter x 70mm high top cap and 300 x 300mm hinged base plate, flag pole to be equipped with double pulley system in top cap, double halyard and cleat lugs, set up and fixed in position, all in accordance with the materials supplied and methods employed by the Manufacturer (Manufacturer: Flag Craft International, Tel No.: (011) 887 2906)	No	2	
17	Standard galvanised mild steel foundation cage 250 x 250 x 500mm high overall, including casting in exact position in top of concrete base, all in accordance with the materials supplied and methods employed by the Manufacturer (Manufacturer: Flag Craft International, Tel No.: (011) 887 2906)	No	2	
	<u>Flag size 1800 x 1200mm high with and including all fitting to flag pole:</u>			
18	Republic of South Africa national flag	No	1	
19	Approved flag of "Musina Local Municipality"	No	1	
	<u>(End of flag poles)</u>			
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Section No. 3 Bill No. 1 GENERAL SITE WORKS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Section No. 3

EXTERNAL WORKS

Bill No. 1

GENERAL SITE WORKS

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Bill No. 1

GENERAL SITE WORKS

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 3</u>			
<u>BILL NO 2</u>			
<u>ROADWORK, PARKING AREAS AND PAVING (PROVISIONAL)</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Supplementary preambles and full descriptions of materials, items, work, etc.</u>			
The Contractor is referred to the previous Section(s) for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described			
<u>Precast concrete block road surfacing</u>			
Paving shall be laid in accordance with SANS 1200 MJ, SANS 1058 and the Concrete Masonry Association's specifications			
Paving shall be laid to herringbone pattern on 20mm thick (thickness after final compaction) clean river sand (preparation of ground or filling elsewhere)			
Clean sand shall be swept into joints between roadstones at completion			
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Section No. 3 Bill No. 2 ROADWORK, PARKING AREAS AND PAVING REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	<u>Standard road traffic signs</u> All road markings and signs shall comply with the latest version of the South African Road Traffic Signs Manual. The retro-reflective material shall be Class 1 <u>Proprietary items or materials</u> Proprietary items or materials where specified are to be of the brand specified - or other approved - by the principal agent ----- <u>THE FOLLOWING IN ROADWORK, PARKING AREAS AND PAVING</u> <u>Site clearance:</u> 1 Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth m² 304 <u>Taking out and removing, grubbing up roots and filling in holes:</u> 2 Cut down, grub up, cut up and remove tree exceeding 200mm and not exceeding 500mm girth, including filling in excavation solid with broken stone and compacted to 90% Mod AASHTO density No 2 3 Ditto, but exceeding 500mm and not exceeding 1000mm girth No 1 <u>Digging up topsoil</u> 4 Digging up topsoil to an average depth of 100mm and preserving for later use as filling or carting way from site m² 304			
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Item No		Quantity	Rate	Amount R
	<u>Open face excavation in earth over sloping site:</u>			
5	Reduce levels to open face extreme depth 450mm below natural ground level to form platforms under parking areas etc and depositing excavated material over site, including haulage not exceeding 500m from perimeter of excavations	m ³ 123		
	<u>Extra over bulk excavation in earth for excavation in:</u>			
6	Soft rock	m ³ 12		
7	Hard rock	m ³ 1		Rate Only
	<u>Extra over all excavations for carting away (2km free haul):</u>			
8	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³ 116		
	<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site, including haulage approximately 800m from perimeter of excavations and/or stock piles:</u>			
9	Approved topsoil obtained from excavations in backfilling behind kerbing/edge beam, including spreading and levelling	m ³ 51		
	<u>Filling supplied by the contractor under parking areas, roadways, etc:</u>			
10	G7 gravel-soil material under parking areas etc, compacted to 93% Mod AASHTO density	m ³ 78		
11	Sub-base course of G6 natural gravel material, compacted to 93% Mod AASHTO density in layers not exceeding 150mm high	m ³ 46		
12	Extra over base course of natural gravel material for stabilisation with cement at the rate of 3% OPC cement	m ³ 1		Rate Only
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Item No		Quantity	Rate	Amount R
	<u>Compaction of surfaces:</u>			
13	Compaction of ground surfaces under parking areas etc by wetting and compacting with 12 passes of a 3-sided 25 kilo Joule high energy impact compactor	m ² 215		
14	Compaction of ground surface under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m ² 89		
	<u>Filling of coarse river sand supplied by the contractor, consolidated</u>			
15	20mm Thick sand bed spread and levelled to falls to true and even levels to receive interlocking paving	m ² 304		
	<u>Additional tests required by the Principal Agent:</u>			
16	In-situ dry density test in accordance with method A10(b) of TMH1	No 2		
17	Atterberg limits test in accordance with methods A2 to A4 of TMH1	No 2		
18	CBR test in accordance with method A8 of TMH1	No 3		
19	UCS test in accordance with method A14 of TMH1	No 1		
20	"Material Classification" test	No 2		
	<u>Weedkiller (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrisien 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m²:</u>			
21	Under paving etc	m ² 304		
	<u>Soil insecticide:</u>			
22	Under paving etc	m ² 304		
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Item No		Quantity	Rate	Amount R
	<u>25MPa/19mm at 28 days In-situ concrete edge and restrainer beams:</u>			
23	Edge or restrainer beam 200mm wide x 300mm high overall in lengths not exceeding 3m, bedded 155mm deep into road bed and finished smooth on top with wooden float with all external angles rounded, including all necessary excavations, formwork, backfilling, etc	m	12	
	<u>"Technicrete Double Zig-Zag" pre-cast concrete interlocking paving (25MPa minimum compressive strength) including cutting and filling in edge restraints against kerbs, edge beams, buildings, etc with approved cemented filling compound, rolling to lock-up condition, etc:</u>			
24	60mm Thick natural grey paving blocks laid in herringbone pattern to, roads, parking areas, etc	m ²	304	
	<u>"Technicrete Kerbs" pre-cast concrete kerbing finished smooth on exposed surfaces, including bedding, jointing and pointing:</u>			
25	180 x 280mm High edge kerbs (SANS 927 fig 7) in lengths not exceeding 1m, with 150 x 150 x 300mm 15MPa/19mm unreinforced concrete haunching at back of each joint, including excavation, backfilling, etc	m	167	
	<u>Road signs:</u>			
26	600mm Diameter (R1 Series) "STOP" sign complete with and including 76mm diameter x 2mm tubular section post planted in and including 600 x 600 x 750mm deep 15MPa/19mm mass concrete, including all necessary excavations, formwork, backfilling, etc., post painted with one coat approved etch primer and two coats approved aluminium bitumen paint	No	1	
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Item No		Quantity	Rate	Amount R
	<u>Scrub off thoroughly with tap water and brush/broom to remove all traces of oil and/or loose particles, apply one coat "Plascon Wash Primer (SNS1)" and apply two finishing coats "Plascon Brick and Concrete Marking" (BTP1,2) paint:</u>			
27	"RM6" 100mm Wide white line	m	10	
28	"RM6" 100mm Wide yellow line	m	1	Rate Only
29	"RM17.3" 750 x 1000mm high paraplegic marking	No	1	Rate Only
30	Warning marking "GM4.1" straight ahead	No	2	
	<u>(End of roadworks, parkings and paving)</u>			
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ROADWORK, PARKING AREAS AND PAVING

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ROADWORK, PARKING AREAS AND PAVING

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No		Quantity	Rate	Amount R
	<u>SECTION 3</u> <u>BILL NO 3</u> <u>SCREEN WALLS, FENCING AND GATES (PROVISIONAL)</u> <u>PREAMBLES</u> For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Supplementary preambles and full descriptions of materials, items, work, etc.</u> The Contractor is referred to the previous Section 2 for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described <u>Fencing</u> Fencing to be done by a company with ISO 9001 accreditation Shop drawings for both gates and panels to be submitted to the principal agent prior to fixing for approval A ten year anti-corrosion guarantee to be provided The contractor must provide a Certificate of Compliance for material and installation issued by either the manufacturer and/or the civil engineer			
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Item No	Quantity	Rate	Amount R
<u>Gates</u> Gates shall be of type, size and material as specified and shall be fixed to gate posts unless otherwise described All gates shall be hot dipped galvanised <u>Materials</u> All materials to be used for this work shall be new, of sound quality and suitable for their intended purposes. The use of second hand/grade material will not be permitted <u>Clearing the fence line</u> It will be regarded the Contractor's responsibility to ensure that the ground surface along the fence line is at all times throughout the contract period kept and maintained cleared for a width of not less than 1,5m wide on each side of the fence and shall include for the digging up and removal of all rubbish, debris, vegetation, shrubs, bush, trees not exceeding 200mm diameter girth, etc., including levelling of the ground to ensure that the maximum and minimum clearances (as specified hereinafter) between the bottom strand and the ground is not exceeded The cleared ground shall be kept clean and maintained throughout the construction period <u>Tendered rates</u> Tendered rates shall include for the supply and delivery of all materials, labour, erection of fence, all earthwork activities, concrete, shuttering, tools, plant, paintwork and anything else necessary to complete the fence No additional claims in this regard will afterwards be entertained ----- Carried to Collection Page Section No. 3 Bill No. 3 SCREEN WALLS, FENCING AND GATES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			
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Item No		Quantity	Rate	Amount R
	<u>THE FOLLOWING IN GUARD HOUSE SCREEN WALLS</u>			
	<u>Excavation in earth not exceeding 2m deep below natural, elevated or reduced ground level for:</u>			
1	Trenches	m ³	5	
2	Bases	m ³	1	
	<u>Extra over trench and hole excavations in earth for excavation, in:</u>			
3	Soft rock	m ³	1	
4	Hard rock	m ³	0.3	
	<u>Extra over all excavations for carting away:</u>			
5	Surplus material from excavations and/on prescribed stockpiles on site to a dumping site to be located by the contractor	m ³	5	
	<u>Risk of collapse of excavations:</u>			
6	Sides of trench and hole excavations from natural, elevated or reduced ground level to not exceeding 1,5m deep	m ²	21	
	<u>Keeping excavations free of water:</u>			
7	Keeping excavations free of all water other than subterranean water	Item		
	<u>Selected earth filling obtained from the excavations and /or prescribed stock piles on site, including haulage approximately 100m from perimeter of excavations or stock piles, compacted to 95% Mod AASHTO density:</u>			
8	Backfilling to trenches, holes, etc	m ³	2	
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SCREEN WALLS, FENCING AND GATES				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,				
MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>Filling of natural gravel material (G5) supplied by the contractor, compacted to 95% Mod AASHTO density:</u>			
9	Backfilling to trenches, holes, etc	m ³ 1		Rate Only
	<u>Compaction of surfaces:</u>			
10	In-situ compaction of natural or excavated ground surface in trenches etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ² 8		
	<u>Prescribed tests to determine degree of compaction or other properties of ground or filling:</u>			
11	"Modified AASHTO Density" tests	No 6		
	<u>25MPa/19mm at 28 days reinforced mass concrete, in:</u>			
12	Bases	m ³ 0.3		
13	Strip footings	m ³ 2		
14	Concrete fill between two half brick skins	m ³ 1		
	<u>Test cubes:</u>			
15	Making and testing a set of three concrete strength test cubes, each 150 x 150 x 150mm, sending them to an approved laboratory for testing and paying all charges in connection therewith (one block to be tested after 7 days)(Provisional)	No 2		
	<u>High tensile steel reinforcement to structural concrete work:</u>			
16	Steel reinforcement in various sizes	t 0.28		
	<u>Mesh reinforcement:</u>			
17	Type 617 fabric reinforcement in concrete slabs etc	m ² 13		
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REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,				
MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar:</u>			
18	Piers in foundations	m ³ 0.2		
19	Piers	m ³ 1		
20	330mm Hollow walls of two half brick skins, cavity filled with concrete (concrete infill elsewhere)	m ² 13		
	<u>Joint forming material in movement joints:</u>			
21	10mm Bitumen impregnated softboard built in vertically between brick skins	m ² 1		
	<u>2,5mm Brickwork reinforcement:</u>			
22	75mm Wide reinforcement built into brick walls with sufficient laps at end joints, angles and intersections (measured net) in foundations	m 138		
23	150mm Wide reinforcement built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m 147		
24	Ditto, but in foundations	m 15		
	<u>"Approved" clay face bricks (Cost Price R5 500-00/1 000 (net), delivered on site, but excluding VAT) pointed with recessed horizontal and vertical joints:</u>			
25	Extra over brickwork to piers and pilasters for face brickwork in foundations	m ² 1		
26	Extra over brickwork in foundations for face brickwork	m ² 16		
27	One brick walls in stretcher bond pointed on both sides	m ² 28		
28	Extra over brickwork to piers and pilasters for face brickwork	m ² 9		
29	Fair cutting at squint quoins or birdsmouth angles	m 4		
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Item No		Quantity	Rate	Amount R
30	Fair splay cutting	m 28		
	<u>Brick-on-edge header course copings, sills, etc. of "Approved" clay face bricks (Cost Price R5 500-00/1 000 (net), delivered on site, but excluding VAT) pointed with recessed joints on all exposed faces:</u>			
31	230mm Copings on top of one brick walls	m 14		
	<u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B):</u>			
32	In walls	m ² 4		
	<u>"Sikaflex Pro-3icure" polyurethane sealing compound including backing cord, bond breaker, primer, etc, in:</u>			
33	10 x 15mm Vertical expansion joint in walls, including raking out softboard for a depth of 15mm (Softboard elsewhere) (Provisional)	m 5		
	<u>(End of guard house screen walls)</u>			
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SCREEN WALLS, FENCING AND GATES

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SCREEN WALLS, FENCING AND GATES

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No		Quantity	Rate	Amount R
	<u>SECTION 3</u>			
	<u>BILL NO 4</u>			
	<u>SITE SERVICES (PROVISIONAL)</u>			
	<u>PREAMBLES</u>			
	For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
	<u>NOTE</u>			
	All prices/rates to be net, excluding Value Added Tax			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Supplementary preambles and full descriptions of materials, items, work, etc.</u>			
	The Contractor is referred to the previous Section(s) for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this Bill, unless specifically otherwise described			
	<u>High density polyethylene (HDPE) pipes and fittings</u>			
	Pipes shall be type IV and of the class specified with compression fittings			
	<u>Disinfection of water pipework</u>			
	Water pipework is to be disinfected at completion			
	<u>Exposed concrete surfaces</u>			
	Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster			
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Item No		Quantity	Rate	Amount R
	<u>General</u> Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 93% Mod AASHTO density and disposal of surplus material on site <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>REMOVAL OF EXISTING WORK</u> <u>Carefully remove and temporary store pre-cast concrete paving blocks on 25mm sand bed according to the Engineer's specifications:</u> 1 80mm Thick reinforced concrete surface beds, paving, etc m ² 66 <u>Carefully remove and temporary store pre-cast concrete kerbs according to the Engineer's specifications:</u> 2 150 x 300mm Unreinforced concrete kerbs m 4 <u>(End of removal of existing work)</u>			
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>REMEDIAL WORK</u>			
	<u>Paving, etc</u>			
	<u>Re-install pre-cast concrete paving blocks previously removed and temporarily stored, on 25mm sand bed including cutting and filling in edge against kerbs, edge beams, buildings, etc with approved cemented filling compound, rolling to lock-up condition, etc according to the Engineer's specifications (removal and setting aside elsewhere):</u>			
3	80mm Thick paving blocks laid in pattern to match existing	m ² 66		
	<u>Re-install pre-cast concrete kerbs previously removed and temporarily stored, including bedding, jointing and pointing according to the Engineer's specifications (removal and setting aside elsewhere):</u>			
4	150 x 300mm Unreinforced concrete kerbs in lengths not exceeding 1m, with 150 x 150 x 300mm 15MPa/19mm unreinforced concrete haunching at back of each joint, including excavation, backfilling, etc	m 4		
	<u>Weedkiller (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasiem 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m²:</u>			
5	Under paving etc	m ² 66		
	<u>Soil insecticide:</u>			
6	Under paving etc	m ² 66		
	<u>Soil Drainage</u>			
	<u>Flushing, rodding, cleaning and testing of sewer pipes:</u>			
7	110mm Diameter drain pipes not exceeding 1m deep below natural, elevated or reduced ground level	m 15		
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Item No		Quantity	Rate	Amount R
8	110mm Diameter drain pipes exceeding 1m not exceeding 2m deep below natural, elevated or reduced ground level	m 10		
	<u>Flushing and cleaning of concrete circular inspection chambers from silt and debris:</u>			
9	Inspection chamber exceeding 1m and not exceeding 1,5m deep internally below natural, elevated or reduced ground level	No 1		
10	Inspection chamber exceeding 1,5m and not exceeding 2m deep internally below natural, elevated or reduced ground level	No 1		
	<u>(End of remedial work)</u>			
	<u>SOIL DRAINAGE</u>			
	<u>Clearance of pipe routes:</u>			
11	Clear and grub along pipe routes up to 2m wide, including digging up and removing rubbish, debris, vegetation, hedges, boulders, shrubs and trees with trunk not exceeding 200mm girth	m 13		
	<u>Earthworks (pipe trenches):</u>			
12	Excavation in earth not exceeding 1m deep below natural, elevated or reduced ground level for pipe trenches for over 100mm up to 250mm nominal diameter pipes	m ³ 2		
13	Excavation in earth exceeding 1m and not exceeding 1,5m deep below natural, elevated or reduced ground level for pipe trenches for over 100mm up to 250mm nominal diameter pipes	m ³ 5		
14	Excavation in earth exceeding 1,5m and not exceeding 2m deep below natural, elevated or reduced ground level for pipe trenches for over 100mm up to 250mm nominal diameter pipes	m ³ 5		
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Item No		Quantity	Rate	Amount R
	<u>Bedding and backfilling:</u>			
15	Backfilling to pipe trenches from excavations or stock piles on site compacted to 93% Mod AASHTO density	m ³ 9		
16	Selected granular material supplied by the contractor in bedding layer below and around pipes compacted to 93% Mod AASHTO density	m ³ 3		
	<u>Heavy duty (Class 34) PVC-U sewer and drain pipes:</u>			
17	110mm Diameter drain pipes, fixed raking or vertically in ramps to cleaning eyes, etc (No excavations)	m 3		
18	110mm Diameter drain pipes, laid in trenches on Class B bedding (excavations, bedding and filling elsewhere)	m 13		
	<u>Extra over heavy duty (Class 34) PVC-U sewer and drain pipes for fittings:</u>			
19	110mm Bend	No 5		
20	110mm Junction	No 8		
21	110mm Double socket	No 3		
22	110mm Rodding eye	No 2		
23	110mm Stop end	No 2		
	<u>Precast concrete circular inspection chambers with and including excavations, part fill, compact and carting away, concrete base, benching, step irons, rings, spacers, roof slabs, piping, etc. installed complete (covers elsewhere)</u>			
24	1050mm Diameter Type 1A inspection chamber exceeding 1m and not exceeding 1,5m deep internally below natural, elevated or reduced ground level	No 1		
25	1050mm Diameter Type 1A inspection chamber exceeding 1,5m and not exceeding 2m deep internally below natural, elevated or reduced ground level	No 2		
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Item No			Quantity	Rate	Amount R
26	1050mm Diameter Type 1A inspection chamber exceeding 2m and not exceeding 2,5m deep internally below natural, elevated or reduced ground level	No	1		Rate Only
	<u>Gratings, covers, etc:</u>				
27	550mm Diameter x 75kg "Saint-Gobain" Type 4A double seal cast iron manhole cover and frame	No	4		
28	0,5kg "Saint-Gobain" Lifting-key for manhole cover (handed to employer)	No	1		
	<u>Sundries:</u>				
29	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock	m ³	1		
30	Ditto, but in hard rock	m ³	1		
31	300 x 300 x 50mm Precast concrete inspection eye marker slab and setting in position flush with adjacent surfaces	No	6		
32	265 x 265mm x 5kg "Saint-Gobain" Type 14A single seal cast iron cover and frame over rodding eye (rodding eye elsewhere), including concrete encasing	No	2		
33	110mm Diameter PVC-U dished gulley trap assembly not exceeding 1m deep below natural, elevated or reduced ground level to inlet of PVC-U gulley head and grating and outlet jointed to PVC-U drain, the whole fixed in "Vanstone" standard precast concrete gulley surround size 430 x 445 x 165mm high, and encased in concrete, including excavation, formwork, filled in and ramming	No	2		
34	Cutting into side of existing inspection chamber for and connecting 160mm pipe, including inserting 160mm channel bend and making good concrete benching	No	2		
35	Cutting into side of existing inspection chamber for and connecting 160mm pipe, including inserting 160mm channel junction and making good concrete benching	No	2		
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REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY					

Item No		Quantity	Rate	Amount R
36	Testing of soil drainage system as directed by the principal agent and for retesting after taking out and replacing all defective work to his entire satisfaction. The contractor is to provide all testing apparatus and labour and is to follow the principal agent's instructions implicitly	Item		
	<u>(End of soil drainage)</u>			
	<u>WATER SUPPLIES</u>			
	<u>Clearance of pipe routes:</u>			
37	Clear and grub along pipe routes up to 2m wide, including digging up and removing rubbish, debris, vegetation, hedges, boulders, shrubs and trees with trunk not exceeding 200mm girth	m	200	
	<u>Earthworks (pipe trenches):</u>			
38	Excavation in earth not exceeding 1m deep below natural, elevated or reduced ground level for pipe trenches up to and including 125mm nominal diameter	m ³	134	
	<u>Bedding and backfilling:</u>			
39	Backfilling to pipe trenches from excavations or stock piles on site compacted to 93% Mod AASHTO density	m ³	85	
40	Selected granular material supplied by the contractor in bedding layer below and around pipes compacted to 93% Mod AASHTO density	m ³	49	
	<u>Class 16 PVC-U pressure pipes with rubber-ring joints:</u>			
41	110mm Diameter water pipes, laid in trenches on Class B bedding (excavations, bedding and filling elsewhere)	m	50	
42	63mm Diameter water pipes, laid in trenches on Class B bedding (excavations, bedding and filling elsewhere)	m	1	
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>Extra over class 16 PVC-U pressure pipes for cast iron pressure fittings:</u>			
43	50mm R.O bend	No 2		
44	110mm Bend	No 4		
45	110mm Tee	No 2		
46	63 x 50mm Reducer	No 3		
47	110 x 63mm Reducing tee	No 3		
48	50mm Flanged adaptor drilled to table 16, including connecting bolts, gaskets, etc	No 2		
49	Ditto, but for 110mm	No 7		
	<u>Class 10 HDPe type PE 100 pipes in accordance with SANS 533 Specification:</u>			
50	50mm Diameter waterpipes, laid in trenches on Class B bedding (excavations, bedding and filling elsewhere)	m 165		
	<u>Extra over Class 10 HDPe type PE 100 pipes for Class 16 compression fittings:</u>			
51	50mm Elbow	No 5		
52	50mm Tee	No 3		
53	50mm Male adaptor	No 11		
	<u>Class 0 copper pipes with capillary couplings:</u>			
54	22mm Diameter pipes	m 5		
	<u>Extra over Class 0 copper pipes for capillary fittings:</u>			
55	22mm Fittings	No 3		
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No			Quantity	Rate	Amount R
	<u>Extra over Class 0 copper pipes for galvanised steel fittings:</u>				
56	20mm Fittings	No	5		
57	25mm Fittings	No	5		
	<u>Extra over Class 0 copper pipes for brass compression fittings:</u>				
58	22mm Fittings	No	25		
	<u>"Cobra Watertech" taps, valves, etc:</u>				
59	15mm No 208 Rough brass heavy pattern hose bibtap (SABS 226 Class 1), complete with hose union and hose tail and including 15mm copper to female iron compression type 90° wall elbow (SANS 1067) fixed to wall with plug and stainless steel screws	No	2		
60	15mm No 1001/125-15 Cast brass FxF gate valve connected to copper piping	No	5		
61	50mm No 1001/125-50 Cast brass full way gate valve connected to HDPE piping	No	2		
62	20mm PA3-132 "Masterflo 1" 400Kpa pressure control valve connected to copper piping	No	5		
	<u>"AVK" Resilient seal rubberised metal gate valves in accordance with SANS 664, Class 16 waterworks applications with cap top, plain thrust collar, non-rising spindle and anti-clockwise closing:</u>				
63	100mm Series 43/60 flanged drilled to SANS 1123 Table 16 including marking of kerbs opposite valve	No	2		
	<u>AVK" resilient seal rubberised metal swing check valves in accordance with SANS 664, Class 16 waterworks applications:</u>				
64	100mm Series 41/60 flanged drilled to SANS 1123 Table 16	No	1		
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY					

Item No		Quantity	Rate	Amount R
	<u>Sundries:</u>			
65	Extra over excavation in earth for pipe trenches, valve chambers, etc for excavation in soft rock	m ³ 13		
66	Ditto, but in hard rock	m ³ 6		
67	20MPa/19mm at 28 days mass concrete in thrust blocks to fittings	m ³ 0.2		
68	Rough formwork (degree of accuracy II) to edges, etc. of thrust blocks not exceeding 300mm high or wide	m 11		
69	200 x 200 x 175mm Thick 20MPa/19mm pre-cast concrete marker block, finished smooth with steel trowel on exposed faces with all external angles rounded and the letter "W" engraved 50mm high x 5mm deep into top, with 16 mm diameter x 500mm long mild steel bar cast 100mm deep into bottom of marker block, 3mm diameter x 1200mm long galvanised wire with ends cast into bottom of marker block and thrust block respectively, the whole set in position to protrude 50mm above adjacent finished level, including all necessary excavations, formwork, etc.	No 5		
70	Steel T-shaped valve key formed of 32 x 32 x 3mm tubular section with vertical and horizontal legs 1200mm and 450mm long respectively welded at intersection between legs to form T-shaped handle bar with both ends of horizontal leg closed welded, including socket to fit stem cap of resilient gate valve welded to bottom end of vertical leg, the whole epoxy powder coated upon completion	No 1		
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
71	Excavate in pickable material for and build stopcock box size 300 x 300 x 500mm deep internally, with half-brick sides and rendered smooth internally in cement mortar and make good to pipes on a 75mm thick 20MPa/19mm mass concrete bottom projecting 75mm all round and fitted with 225 x 225 x 100mm "Saint-Gobain" Type 11B cast iron hinged stopcock box cover and frame (with a mass not less than 10kg) set in and including Class C mass concrete surround size 75mm wide x 100mm deep all round, with frame and cover coated with two coats approved bituminous preservative solution, including filling in and compacting	No	2	
72	Excavate in pickable material for and build stopcock box size 600 x 600 x 800mm deep internally, with one-brick sides and rendered smooth internally in cement mortar and make good to pipes on a 75mm thick 20MPa/19mm mass concrete bottom projecting 75mm all round and fitted with 600 x 600 x 38mm "Saint-Gobain" Type C250 cast iron hinged stopcock box cover and frame (with a mass not less than 38,8kg) set in and including Class C mass concrete surround size 75mm wide x 100mm deep all round, with frame and cover coated with two coats approved bituminous preservative solution, including filling in and compacting	No	3	
73	Testing water supplies system as directed by the principal agent and for retesting after taking out and replacing all defective work to his entire satisfaction. The contractor is to provide all testing apparatus and labour and is to follow the principal agent's instructions implicitly		Item	
74	Allow for the Disinfectant of all water pipework and water tank system in accordance with SANS1200L		Item	
	<u>(End of water supplies)</u>			
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Section No. 3 Bill No. 4 SITE SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>PROVISIONAL ALLOWANCES</u>			
	<u>These sums shall be used as directed by the Engineer and deducted in whole or in part if not required.</u>			
	<u>Water storage tanks and tank stand:</u>			
75	Provide the sum of R900 000.00 (Nine Hundred Thousand Rand) for the design, manufacture, supply, installation and commission of 50kl steel water storage tank on 10m high steel stand and platform including all pipework, valves, float valves, excavations, bases, electrical work, etc to be completed by firm of specialists to be selected by the principal agent	Item		900 000.00
76	Allow for profit on last if required		%	
77	Ditto, but for attendance		%	
	<u>Pump, etc:</u>			
78	Provide the sum of R60 000.00 (Sixty Thousand Rand) for the supply, installation, commission and training of booster pump and security cage with lock complete with pressure gauge, control panel, electrical installation, 110mm flanged connections, etc to be completed by a firm of specialists to be selected by the principal agent	Item		60 000.00
79	Allow for profit on last if required		%	
80	Ditto, but for attendance		%	
	<u>AS-BUILT DRAWINGS</u>			
81	Allow for the preparation of a complete set of as-built drawings indicating as types of services, positions, measurements, etc. of the whole external plumbing and drainage installation	Item		
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SITE SERVICES				
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Section No. 3

EXTERNAL WORKS

Bill No. 4

SITE SERVICES

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Bill No. 4

SITE SERVICES

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Section No. 3

EXTERNAL WORKS

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Section No. 3 REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No	Quantity	Rate	Amount R
<u>SECTION 4</u>			
<u>BILL NO 1</u>			
<u>ELECTRICAL INSTALLATIONS</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Supplementary preambles and full descriptions of materials, items, work, etc. applicable to this section</u>			
The Contractor is referred to Section 2 for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this section, unless specifically otherwise described			
<u>Pricing of Preliminaries</u>			
Preliminaries for this Section should be priced in the main contract Preliminaries bill (Section 1)			
Prices for all the work in this Section must include for the principal contractor's profit and attendance			
Tenderers to note that no claims for additional profit and attendance, adjustment of prices and pricing of Preliminaries will afterwards be entertained			
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Section No. 4 Bill No. 1 ELECTRICAL INSTALLATIONS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No	Quantity	Rate	Amount R
<u>Agreement</u> In case of the electrical contractor be a sub-contractor to the principal contractor, the sub-contractor will be regarded as a nominated/selected sub-contractor and the JBCC Nominated/Selected Subcontract Agreement, Edition 4.1, Code 2101, March 2005 is taken to be incorporated herein and a formal contract must be signed between the parties and handed over to the principal agent before the work commence The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause <u>Qualifications for electrical work</u> All electrical work under this contract must be performed by an "Installation Electrician" and the principal contractor must provide proof to the principal agent for his approval of the electrical sub-contractor before the work commence If, for any reason whatsoever, the principal agent rejects the usage of the electrical sub-contractor, alternative tenders will be issued for nominated/selected electrical sub-contractors to the satisfaction of the principal agent. The prices used for pricing of the electrical installation will, however, remain fixed as tendered and no adjustment will be made to the tendered amount of the electrical Section of the works <u>Certificates of Compliance</u> Contractor to note that "Certificates of Compliance" must be issued for all separate buildings, reticulation, etc. as directed by and to the satisfaction of the principal agent			
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Item No	Quantity	Rate	Amount R
<u>Specifications, drawings, etc</u> Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and manufacturer's instructions and left in perfect working order after completion. <u>Guarantee</u> The electrical installation must be underwritten by a one year guarantee, applicable from the date of practical completion <u>Distribution boards etc</u> Rates for distribution boards etc are to include for busbars, jumpers, neutral bars, internal wiring and connections, circuit identification markers, control gear labels, circuit legend cards and working drawings <u>Switches, socket outlets, etc</u> Rates for switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates <u>Light fittings</u> Rates for light fittings are to include for hanging, fixing and connecting and for lamp holders and fluorescent tubes and lamps of the type and wattage described <u>Profit</u> Where stated, the contractor may allow for profit if required			
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Section No. 4 Bill No. 1 ELECTRICAL INSTALLATIONS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following: 1 The services as set out in clause B 4.22 of the Preliminaries 2 Making good in all trades and cleaning down and removal of rubbish on completion ----- <u>REMOVAL OF EXISTING WORK</u> The snag list must be adhered to and ensure that the complete electrical installation complies to the SANS 10142-1 (Snag list supplied on request) <u>Take out and remove electrical and/or electronic installation complete with fittings, distribution boards, conduits, etc. complete:</u> 1 Office building, approximately 641m² on plan <u>ELECTRICAL INSTALLATIONS</u> <u>General Electrical Installations:</u> 2 Provide the sum of R600 000.00 (Six Hundred Thousand Rand) for the supply, installation and commissioning of general electrical installations, etc to be completed by a firm of specialists to be selected by the principal agent 3 Allow for profit on last if required 4 Ditto, but for attendance	Item		
		Item		600 000.00
			%	
			%	
			R	
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Item No		Quantity	Rate	Amount R
	<u>Emergency Generator Installations:</u>			
5	Provide the sum of R485 000.00 (Four Hundred and Eighty Five Thousand Rand) for the supply, installation, commissioning and training of emergency generator system, etc to be completed by a firm of specialists to be selected by the principal agent	Item		485 000.00
6	Allow for profit on last if required		%	
7	Ditto, but for attendance		%	
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ELECTRICAL INSTALLATIONS				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,				
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Section No. 4

ELECTRICAL WORKS

Bill No. 1

ELECTRICAL INSTALLATIONS

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Section No. 4

Bill No. 1

ELECTRICAL INSTALLATIONS

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 5</u>			
<u>BILL NO 1</u>			
<u>MECHANICAL SERVICES</u>			
<u>PREAMBLES</u>			
For preambles refer to "General Preambles for Trades", 2017 published by the Association of South African Quantity Surveyors			
<u>NOTE</u>			
All prices/rates to be net, excluding Value Added Tax			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Supplementary preambles and full descriptions of materials, items, work, etc. applicable to this section</u>			
The Contractor is referred to Section 2 for supplementary preambles and full descriptions of materials, items, work, etc. which shall be regarded to be equally applicable for work described in this section, unless specifically otherwise described			
<u>Pricing of Preliminaries</u>			
Preliminaries for this Section should be priced in the main contract Preliminaries bill (Section 1)			
Prices for all the work in this Section must include for the principal contractor's profit and attendance			
Tenderers to note that no claims for additional profit and attendance, adjustment of prices and pricing of Preliminaries will afterwards be entertained			
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Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No	Quantity	Rate	Amount R
<u>Agreement</u> In case of the mechanical contractor be a sub-contractor to the principal contractor, the sub-contractor will be regarded as a nominated/selected sub-contractor and the JBCC Nominated/Selected Subcontract Agreement, Edition 4.1, Code 2101, March 2005 is taken to be incorporated herein and a formal contract must be signed between the parties and handed over to the principal agent before the work commence The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause <u>Qualifications for electrical work on mechanical installations</u> All electrical work under this contract must be performed by an "Installation Electrician" and the principal contractor must provide proof to the principal agent for his approval of the electrical sub-contractor before the work commence <u>Standard of mechanical installation</u> If, for any reason whatsoever, the principal agent rejects the usage of the mechanical sub-contractor, alternative tenders will be issued for nominated/selected mechanical sub-contractors to the satisfaction of the principal agent. The prices used for pricing of the mechanical installation will, however, remain fixed as tendered and no adjustment will be made to the tendered amount of the mechanical Section of the works <u>Certificates of Compliance</u> Contractor to note that "Certificates of Compliance" for mechanical installation must be issued for all separate buildings as directed by and to the satisfaction of the principal agent			
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Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

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Item No	Quantity	Rate	Amount R
<u>Profit</u>			
Where stated, the contractor may allow for profit if required			
<u>The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:</u>			
1	The services as set out in clause B 4.22 of the Preliminaries		
2	Making good in all trades and cleaning down and removal of rubbish on completion		

<u>REMOVAL OF EXISTING WORK</u>			
<u>Take out and remove air-conditioning units, etc:</u>			
1	Approximately 18 000 Btu/hr to 36 000 Btu/hr, "Defy" mid wall split unit type from wall including all mounting brackets, insulated copper pipe, weather proof isolator, uPVC condensate pipe, remote controller bracket, electrical connection, etc	No	14
<u>SERVICE, REPAIRS, ETC</u>			
<u>"Split type" air-conditioning units:</u>			
2	Examine existing "Defy" mid-wall split type air-conditioning units, clean out filters thoroughly including re-gas, insulation replacement, re-fixing and/or replacing uPVC condensate pipe and wall brackets, remote controller replacement, etc and leave in perfect order	No	5
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Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
<u>AIR CONDITIONING INSTALLATION</u>				
<u>"Split type" Units:</u>				
3	9 000 Btu/hr (heating and cooling) "Daikin Sensira" mid-wall split type air-conditioning unit with heat pump complete with mounting brackets, 5 metre insulated copper pipe, weather proof isolator, uPVC condensate pipe, wired wall controller, electrical connection, etc	No	5	
4	12 000 Btu/hr (heating and cooling) "Daikin Sensira" mid-wall split type air-conditioning unit with heat pump complete with mounting brackets, 5 metre insulated copper pipe, weather proof isolator, uPVC condensate pipe, wired wall controller, electrical connection, etc	No	4	
5	18 000 Btu/hr (heating and cooling) "Daikin Sensira" mid-wall split type air-conditioning unit with heat pump complete with mounting brackets, 5 metre insulated copper pipe, weather proof isolator, uPVC condensate pipe, wired wall controller, electrical connection, etc	No	3	
6	24 000 Btu/hr (heating and cooling) "Daikin Sensira" mid-wall split type air-conditioning unit with heat pump complete with mounting brackets, 5 metre insulated copper pipe, weather proof isolator, uPVC condensate pipe, wired wall controller, electrical connection, etc	No	1	Rate Only
7	32 000 Btu/hr (heating and cooling) "Daikin Sensira" mid-wall split type air-conditioning unit with heat pump complete with mounting brackets, 5 metre insulated copper pipe, weather proof isolator, uPVC condensate pipe, wired wall controller, electrical connection, etc	No	2	
<u>GENERAL</u>				
<u>Testing and commissioning:</u>				
8	Testing and commissioning the mechanical installation	Item		
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Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>Manuals, drawings, etc.:</u>			
9	Provision of shop drawings and verification of air-conditioning design	Item		
10	Provision of as-built drawings, manuals, operative training, etc	Item		
11	Provision of comprehensive maintenance during the 12-month guarantee period (from date of practical completion)	Item		
	<u>Certificates of Compliance:</u>			
12	Allow for the issue of all "certificates of compliance" as directed by the principal agent	Item		
	<u>PROVISIONAL ALLOWANCES</u>			
	<u>These sums shall be used as directed by the Engineer and deducted in whole or in part if not required.</u>			
	<u>Fire Detection Installation:</u>			
13	Provide the sum of R125 000.00 (One Hundred and Twenty Five Thousand Rand) for fire detection system to be supplied and installed complete by a firm of specialists to be nominated by the principal agent	Item		125 000.00
14	Allow for profit on last if required		%	
15	Ditto, but for attendance		%	
	<u>Fire Suppression System:</u>			
16	Provide the sum of R50 000.00 (Fifty Thousand Rand) for fire suppression system to be supplied and installed complete by a firm of specialists to be nominated by the principal agent	Item		50 000.00
17	Allow for profit on last if required		%	
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	Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
18	Ditto, but for attendance		%	
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Section No. 5 Bill No. 1 MECHANICAL SERVICES REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Section No. 5

MECHANICAL WORKS

Bill No. 1

MECHANICAL SERVICES

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Section No. 5

Bill No. 1

MECHANICAL SERVICES

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

Item No	Quantity	Rate	Amount R
<u>SECTION 6</u> <u>BILL NO 1</u> <u>PROVISIONAL SUMS</u> <u>NOTE</u> All prices/rates to be net, excluding Value Added Tax <u>SUPPLEMENTARY PREAMBLES</u> <u>Cash discount</u> No cash discount. All provisional sums are "NET" <u>Fuel, power and water for commissioning plant</u> The cost of water, power and fuel for the commissioning of plant shall be borne by the Selected or Nominated Sub-contractor appointed for the relevant selected or nominated sub-contract works in terms of the conditions under which they have/are contracted for the specialist work involved <u>Profit</u> Provisional sums are net and do not include builder's discount. The Contractor may allow next to "Profit" items for any profit he might consider necessary <u>Attendance</u> It will be expected from the Contractor to render all general attendance and, if specifically so described, special attendance services to each relevant Specialist, all in accordance with Clauses B9.1 and B9.2 in the "Preliminaries" section			
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Section No. 6 Bill No. 1 PROVISIONAL SUMS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

Item No		Quantity	Rate	Amount R
	Tenderers are also urged to thoroughly acquaint themselves with the content of Clauses B9.1 and B9.2 in the "Preliminaries" section for the definitions and adjustment of "Attendance" and "Special Attendance" respectively The item "Attendance" which follows each of the provisional sums for Nominated and/or Selected Sub-contractors' work, shall be deemed to cover all the Contractor's costs incurred in providing free of charge to the Nominated and/or Selected Sub-contractors, the following: 1 The services as set out in clause B9.1 in the "Preliminaries" section 2 Making good in all trades and cleaning down and removal of rubbish on completion The Contractor may allow next to "Attendance" items for the recovery of such costs he might consider necessary <u>Sundry building work</u> The scheduled allowances for sundry building work are to be used at the discretion of the principal agent and remeasured and valued at contract rates upon completion or deducted in whole or in part if not required <u>Selected and nominated sub-contracts</u> These scheduled allowances are for work to be executed under separate selected and/or nominated sub-contracts by firms of Specialists to be nominated by the Employer All provisional sums cover the supply and installation of material, equipment, plant, etc., including the commissioning thereof, where applicable			
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	Section No. 6 Bill No. 1 PROVISIONAL SUMS REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY			

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Item No		Quantity	Rate	Amount R
	<u>Local Area Network Installation:</u>			
7	Provide the sum of R130 000.00 (One Hundred and Thirty Thousand Rand) for the supply, installation, commission and training of local area network to be completed by a firm of specialists to be nominated by the principal agent	Item		130 000.00
8	Allow for profit on last if required		%	
9	Ditto, but for attendance		%	
	<u>Alarm Systems:</u>			
10	Provide the sum of R80 000.00 (Eighty Thousand Rand) for the supply, installation, commission and training of alarm systems to be completed by a firm of specialists to be nominated by the principal agent	Item		80 000.00
11	Allow for profit on last if required		%	
12	Ditto, but for attendance		%	
	<u>Signage, etc:</u>			
13	Provide the sum of R95 000.00 (Ninety Five Thousand Rand) for the manufacture, supply and installation of signage, wayfinding, branding and artwork to be completed by a firm of specialists to be nominated by the principal agent	Item		95 000.00
14	Allow for profit on last if required		%	
15	Ditto, but for attendance		%	
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PROVISIONAL SUMS				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Item No		Quantity	Rate	Amount R
	<u>MONEY PROVISIONS</u>			
	<u>Community Liaison Officer:</u>			
16	Allow the sum of R50 000.00 (Fifty Thousand Rand) for the appointment and monthly payment of the community liaison officer (over the full construction period), The contractor to note that monthly payslips and proof of payments to be provided to the principal agent	Item		50 000.00
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PROVISIONAL SUMS				
REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY				

Section No. 6

PROVISIONAL SUMS

Bill No. 1

PROVISIONAL SUMS

COLLECTION PAGE

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Section No. 6

Bill No. 1

PROVISIONAL SUMS

**REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING,
MUSINA LOCAL MUNICIPALITY**

FINAL SUMMARY PAGE		Page No	Amount R
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	SUB-TOTAL -1		R
	<u>CONTINGENCIES</u>		
	Allow ten per cent (10%) of the above sub-total -1 for contingencies to be used as directed by the Representative/Agent of Musina Local Municipality and deducted in whole or in part if not required		R
	SUB-TOTAL -2		R
	<u>PART B - WORK EXECUTED BY SEPARATE DIRECT CONTRACTORS</u>		
B	Separate Direct Contractor Work (Net amount, exclusive of Value Added Tax , to be brought forward from Summary, Part B) for the stated external works (perimeter fence with gates, covered parking and paving) to be done by others	Item	2 260 869.57
B.1	Allow for profit on last if required		%
B.2	Ditto, but for attendance		%
	NET TOTAL, EXCLUSIVE OF VALUE ADDED TAX		R
	ADD: 15% VALUE ADDED TAX		R
	TOTAL CARRIED TO FORM OF OFFER AND ACCEPTANCE		R
	REPAIRS AND RENOVATIONS TO EXISTING OFFICE BUILDING, MUSINA LOCAL MUNICIPALITY		

Part C3: Scope of Work

C3.1: Scope of Work

C3.1 STANDARD SPECIFICATIONS

The standard specifications on which this contract is based are the **JBCC Edition 4.1, Code 2101, March 2005**.

The following SANS specifications are also referred to in this document and the Contractor is advised to obtain them from Standards South Africa (a division of SABS) in Pretoria.

SANS 10396: 2003: Implementing Preferential Construction Procurement Policies using Targeted Procurement Procedures

SANS 1914-1 to 6 (2002) : Targeted Construction Procurement

SANS 1921 – 1 (2004): Construction and Management Requirements for Works Contracts
Part 1: General Engineering and Construction Works

SANS 1921-5 (2004): Generic Labour Intensive Specification
Part 5: Earthworks and where accommodation of traffic is involved:

SANS 1921-2 (2004) & SANS 10845-3(2015): Construction and Management Requirements for Works Contracts. Part 2: Accommodation of Traffic on Public Roads Occupied by the Contractor.

C3.2: PROJECT SPECIFICATIONS

STATUS

The Project Specification, consisting of two parts, forms an integral part of the contract and supplements the Standard Specifications.

Part A contains a general description of the works, the site and the requirements to be met.

Part B contains variations, amendments and additions to the Standardized Specifications and, if applicable, the Particular Specifications.

In the event of any discrepancy between a part or parts of the Standardized or Particular Specifications and the Project Specification, the Project Specification shall take precedence. In the event of a discrepancy between the Specifications, (including the Project Specifications) and the drawings and / or the Bill of Quantities, the discrepancy shall be resolved by the Engineer before the execution of the work under the relevant item.

The standard specifications which form part of this contract have been written to cover all phases of work normally required for road contracts, and they may therefore cover items not applicable to this particular contract.

PART A: GENERAL

PS-1 PROJECT DESCRIPTION

The employer's objectives are to deliver public infrastructure using labour intensive methods in accordance with EPWP Guidelines.

Labour-intensive works

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of this Scope of Work.

Labour-intensive competencies of supervisory and management staff

Contractors shall engage supervisory and management staff in labour-intensive works that have

completed the skills programme including Foremen/Supervisors at NQF

"National Certificate:

Supervision of Civil Engineering Construction Processes" and Site Agent/Manager at NQF level 4

"Manage labour-intensive Construction Processes" or equivalent QCTO qualifications.

PS-2 DESCRIPTION OF THE SITE AND ACCESS

2.1 Location of site

The site is located at Nancefield in Musina.

The locality plan is as attached under clause C4.1-LOCALITY PLAN and also annexed in the tender drawings booklet.

PS-3 DETAILS OF THE WORKS

A brief detail of the works for which this specification is applicable is as follows:

3.2.1 Scope of Work

A. Scope of work to be executed under the main contract

1. Refurbishment of the Municipal Building, to include.
 - Reconstruction/reinstallation of burnt roof
 - Refurbishments of all finishes and fixtures
 - Electrical works
 - Mechanical works
2. Construction of Guard House
3. Landscaping, to include
4. Paving and Stormwater Control.
5. Installation of the elevated water tank
6. Provision of Branding Signage

B. Scope of work to be executed by others

- Restoration of Perimeter fence around the facility
- Landscaping to include paving walkways, covered parking and paving on the parking area
- Screen walls at the main gate
- Access control gates and the boom gate.

3.2.2 Labour recruitment conditions

A Project Steering Committee (PSC) will be established and is a vital means of communication between all parties involved with the project. The composition of the PSC comprises representation by the Employer, the Engineer and formal structures within the community.

The contractor shall make use of these communication channels and shall appoint from amongst his site personnel a responsible person to participate in the affairs of the PSC, and this representative may be also required to attend the monthly PSC meetings.

It is mandatory that the Contractor shall interact with the community via proactive project liaison and project participation by its leaders and constituted organizations and forums, as well as through the employment of its people, and these activities shall constitute essential facets of the project.

Local labor is to be used and the employment of such labor is to be done in conjunction with the PSC.

The PSC/Client shall appoint a Community liaison officer (C.L.O.) (which shall be remunerated under the contract) who shall be in full time employ of the contract. The duties of the C.L.O. shall consist inter alia of the following:

- To be available on site daily between the hour of 07:00 and 17:00 and at other times as the need arises. His normal working day will extend from 07:00 in the morning until 17:00 in the afternoon.
- To communicate daily with regard to number and skills, to facilitate in labour disputes and to assist in their resolution.
- To attend all meetings in which the community and/or labour are present or are required to be represented.
- To attend all PSC meeting to report on labour.
- To assist in the identification and screening of laborers from the community in accordance with the contractor's requirements.
- To advise and inform temporary laborers of their conditions of employment and to inform temporary laborers as early as possible when their period of employment will be terminated.
- To attend disciplinary proceedings to ensure that hearings are fair and reasonable.
- To keep a daily written record of his interviews and community liaison, labour force etc.
- To attend monthly site meetings and report in writing on labour and contract

matters.

- Keeping a data base of available labour.
- All such other duties as agreed upon between all parties concerned.
- Compile a list of available skills in the area (skills audit).
- Remuneration of CLO will be at a rate of R 5000.00 per month.

PS-4 CONSTRUCTION AND MANAGEMENT REQUIREMENTS

4.1 General

The Contractor is referred to **SANS 1921: 2004 parts 1, 2 and 3: Construction and Management Requirements for Works Contracts**. These specifications shall be applicable to the contract under consideration and the Contractor shall comply with all requirements relevant to the project.

Certain aspects however require further attention as described hereafter.

4.2 Drawings (*Read with SANS 1921 – 1: 2004 clauses 4.1.7; 4.1.11 and 4.1.12*)

The reduced drawings which form part of the Bid documents shall be used for Bidding purposes only and is attached at the back of this document under section C4.3.

The contractor shall be supplied with three complete paper copies of the construction drawings free of charge. The Contractor shall at his own expense re-produce further paper prints required for the construction of the work.

At the completion of the Contract, the Contractor shall return to the Engineer all drawings, provided or made, during the contract period.

Any information which the Contractor has control over and which is required by the Resident Engineer to complete the as-built drawings shall be made available to the Resident Engineer before the Certificate of Completion is issued.

Only written dimensions may be used. Dimensions are not to be scaled from drawings unless ordered by the Engineer. The Engineer will supply all figures / dimensions which are not shown on the drawings. The levels or dimensions given on the drawings are subject to confirmation on site. The Contractor shall submit all levels and dimensions to the Engineer for confirmation before he commences with any structural construction work. The Contractor shall also check all clearances which are given on the drawings and inform the Engineer of any conflicting dimensions.

Any destination names on road signs which may be indicated on the drawings are subject to confirmation by the Engineer before these signs are manufactured.

4.3 Responsibilities for design and construction (*Read with SANS 1921 – 1:2004 Clause 4.2*)

4.3.1 The responsibility strategy followed in this contract shall be A.

4.3.2 The structural engineer responsible for the design in accordance with the specification is: Sky High Consulting Engineers.

4.4 Planning, Programme and Method Statements *(Read with SANS1921-1:2004 clause 4.3)*

The project as a multi year project will be implemented across two financial years. The tenderer must ensure the following;

- All P & Gs costs including establishing ,de establishing
- Contract price adjustment will be applicable

4.4.1 Preliminary programme

The Contractor shall include with his Bid a preliminary programme on the prescribed form to be completed by all Bidders. The programme shall be in the form of a simplified bar chart with sufficient details to show clearly how the works will be performed within the time for completion as stated in the Contract Data.

Bidders may submit Bids for an alternative Time for Completion in addition to a Bid based on the specified Time for Completion. Each such alternative Bid shall include a preliminary programme similar to the programme above for the execution of the works and shall motivate his proposal clearly by stating all the financial implications of the alternative completion time.

The Contractor shall be deemed to have allowed fully in his Bided rates and prices as well as in his programme for all possible delays due to normal adverse weather conditions and special non-working days as specified in the Special Conditions of Contract, in the Project Specifications and in the Contract Data.

The following constraints shall be taken into account in preparing the preliminary construction programme which must be submitted with the Bid. These same constraints shall apply to the final construction programme.

- a) The Contract will be as Bided by the contractor. Plant and personnel requirements to complete the project must be incorporated in the Bid and shown on the programme.
- b) A high standard of traffic accommodation
- c) The relocation of services
- d) Ancillary works by Emerging Contractors

4.4.2 Programme in terms of Clause 5.6 of the General Conditions of Contract

It is essential that the construction programme, which shall conform in all respects to Clause 5.6 of the General Conditions of Contract, be furnished within the time stated in the Contract Data. The preliminary programme to be submitted with the bid shall be used as basis for this programme.

The following must be stated on the programme:

- (a) 2 weeks must be allocated at the start of the project for the setting out and confirmation of survey benchmarks. No work will be allowed prior to the survey

- confirmation process being completed.
- (b) The quantity of work applicable to each bar item as well as the rate at which the work will be completed.
 - (c) A budget of the value of completed work, month by month, for the full contract period.
 - (d) The critical path.
 - (e) Work to be undertaken by Local Contractor (if applicable)
 - (f) Training Courses
 - (g) Schedule of plant and resources to be utilized

The Contractor's attention is also drawn to Clause 5.7 of the General Conditions of Contract 2015.

4.4.3 Time for Completion

The Time for Completion for the Works shall be **8 months**

4.4.4 Delay in Completion

The Contractor shall organise the Works in such a manner that no delays occur. Delays due to faulty organisation or lack or shortage of materials or labour or co-operation with other parties or to any other cause within the control of the Contractor will not be counted and full power is reserved by the Engineer to order the Contractor to expedite the work should the work, in the opinion of the Engineer, not progress in a satisfactory way.

4.5 Quality Assurance (QA) *(Read with SANS 1921 – 1: 2004 clause 4.4)*

The Contractor will be solely responsible for the production of work that complies with the Specifications to the satisfaction of the Engineer. To this end it will be the full responsibility of the Contractor to institute an appropriate Quality Assurance (QA) system on site. The Engineer will audit the Contractor's quality assurance (QA) system on a regular basis to verify that adequate independent checks and tests are being carried out and to ensure that the Contractor's own control is sufficient to identify any possible quality problems which could cause a delay or failure.

The Contractor shall ensure that efficient supervisory staff, the required transport, instruments, equipment and tools are available to control the quality of his own workmanship in accordance with his QA-system. His attention is drawn to the fact that it is not the duty of the Engineer or the Engineer's representative to act as foreman or surveyor.

4.6 Management and disposal of water *(Read with SANS 1921 – 1: 2004 clause 4.6)*

The Contractor shall pay special attention to the management and disposal of water and storm water on the site. It is essential that all completed works or parts thereof

are kept dry and properly drained. Claims for delay and for repair of damage caused to the works as a result of the Contractor's failure to properly manage rain and surface water, will not be considered.

4.7 Testing *(Read with SANS 1921 – 1: 2004 clause 4.11)*

4.7.1 Process control

The Contractor shall arrange for his own process control tests. The Contractor may establish his own laboratory on site for this purpose, or he may employ the services of an independent commercial laboratory. Whatever method is used, the Contractor must submit the results of tests carried out on materials and workmanship when submitting work for acceptance by the Engineer. The costs for these tests shall be deemed to be included in the relevant rates and no additional payment will be made for testing as required.

4.7.2 Acceptance control

The process control test results submitted by the Contractor for approval of materials and workmanship may be used by the Engineer for acceptance control. However, before accepting any work, the Engineer shall have his own acceptance control tests carried out by the dedicated site laboratory as approved by the client. The cost of acceptance testing shall be to the account of the client.

4.8 Site Establishment *(Read with SANS 1921 – 1: 2004 clause 4.14)*

4.8.1 Contractor's camp site and depot

The Contractor is responsible to provide a suitable site for his camp and to provide accommodation for his personnel and laborers. If the Employer can make any specific site available to the Contractor, such site will be pointed out to the Contractor.

The chosen site shall be subject to the approval of the Engineer and the Project Steering Committee (PSC). Possible locations for a campsite shall be pointed out at the Site inspection. The Contractor shall conform to all local authority, environmental and industrial regulations.

The Contractor shall make his own arrangements concerning the supply of electrical power and all other services. No direct payment shall be made for the provision of electrical and other services. The cost thereof shall be deemed to be included in the rates and amounts Bided for the various items of work for which these services are required.

The Contractor shall provide security watchmen for the contract as he deems fit at no extra cost for the Employer. The Contractor must ensure that all his employees as well as the employees of his subcontractors are able to identify themselves as members of the construction team.

4.8.2 Accommodation of Employees

No employees except for security guards will be allowed to sleep or be accommodated on the site in urban areas.

No housing is available for the Contractor's employees and the Contractor shall make his own arrangements to house his employees and to transport them to site.

No informal housing or squatting will be allowed.

The Contractor shall provide the necessary ablution facilities at his camp site and the site of the works for the use of his employees. Chemical toilets will only be allowed where temporary facilities have to be provided.

4.9 Survey beacons *(Read with SANS 1921 – 1: 2004 clause 4.15)*

The Contractor shall take special precautions to protect all permanent survey beacons or pegs such as bench-marks, stand boundary pegs and trigonometrical beacons, regardless whether such beacons or pegs were placed before or during the execution of the Contract. If any such beacons or pegs have been disturbed by the Contractor or his employees, the Contractor shall have them replaced by a registered land surveyor at his own cost.

4.10 Existing Services *(Read with SANS 1921 – 1: 2004 clause 4.17)*

The Contractor shall make himself acquainted with the position of all existing services before any excavation or other work likely to affect the existing services is commenced.

It is the contractor's responsibility to identified services that will interact with the construction work. The contractor will be responsible to do the application and negotiation on the relocation of the sifting of services.

The Contractor will be held responsible for any damage to known existing services caused by or arising out of his operations and any damage shall be made good at his own expense. Damage to unknown services shall be repaired as soon as possible and liability shall be determined on site when such damage should occur.

4.11 Health and Safety *(Read with SANS 1921 - 1: 2004 clause 4.18)*

4.11.1 General statement

It is a requirement of this contract that the Contractor shall provide a safe and healthy working environment and to direct all his activities in such a manner that his employees and any other persons, who may be directly affected by his activities, are not exposed to hazards to their health and safety. To this end the Contractor shall assume full responsibility to conform to all the provisions of the Occupational Health and Safety Act (OHSA) No 85 and Amendment Act No 181 of 1993, and the OHSA 1993 Construction Regulations 2014 issued on 7 February 2014 by the

Department of Labour.

For the purpose of this contract the Contractor is required to confirm his status as mandatory and employer in his own right for the execution of the contract by entering into an agreement with the Employer in terms of the Occupational Health and Safety Act in the form as included in section C1.5.

4.11.2 Health and Safety Specifications and Plans

(a) Employer's Health and Safety Specification

The Employer's Health and Safety Specification is included in Section C3.3, of the Bid documents as part of the Particular Specifications.

(b) Bidder's Health and Safety Plan

The Bidder shall submit with the bid his own documented Health and Safety Plan he proposes to be implement for the execution of the work under the contract. The Health and Safety Plan must at least cover the following:

- (i) a proper risk assessment of the works, risk items, work methods and procedures in terms of Regulations 9 to 30;
- (ii) pro-active identification of potential hazards and unsafe working conditions;
- (iii) provision of a safe working environment and equipment;
- (iv) statements of methods to ensure the health and safety of subcontractors, employees and visitors to the site, including safety training in hazards and risk areas (*Regulation 7*);
- (v) monitoring health and safety on the site of works on a regular basis, and keeping of records and registers as provided for in the Construction Regulations;
- (vi) details of the Construction Supervisor, the Construction Safety Officers and other competent persons he intends to appoint for the construction works in terms of Regulation 8 and other applicable regulations; and
- (vii) details of methods to ensure that his Health and Safety Plan is carried out effectively in accordance with the Construction Regulations 2014.

The Contractor's Health and Safety Plan will be subject to approval by the Employer, or amendment if necessary, before commencement of construction work. The Contractor will not be allowed to commence work, or his work will be suspended if he had already commenced work, before he has obtained the Employer's written approval of his Health and Safety Plan.

Time lost due to delayed commencement or suspension of the work as a result of the Contractor's failure to obtain approval for his safety plan, shall not be used as a reason to claim for extension of time or standing time and related costs

4.12.3 Cost of compliance with the OHSA Construction Regulations

The rates and prices Bided by the Contractor shall be deemed to include all costs

for conforming to the requirements of the Act, the Construction Regulations and the Employer's Health and Safety Specification as applicable to this contract. Should the Contractor fail to comply with the provisions of the Construction Regulations, he will be liable for penalties as provided in the Construction Regulations and in the Employer's Health and Safety Specification.

4.13. Payment

The Contractor's Bided rates for the relevant items in the Bill of Quantities shall include full compensation for all possible additional costs which may arise from this, and no claims for extra payment due to inconvenience as a result of the *modus operandi* will be considered.

4.14 Management of the environment *(Read with SANS 1921 - 1 : 2004 clause 4.19)*

Respect for the environment is an important aspect of this contract and the Contractor shall pay special attention to the following:

4.14.1 Natural Vegetation

The Contractor shall confine his operation to the limits of the road reserve for the purpose of constructing the works and where applicable detours, shall be sited in consultation with the Engineer and the local communities.

Only those trees and shrubs directly affected by the works and such others as the Engineer may direct in writing shall be cut down and stumped. The natural vegetation, grassing and other plants shall not be disturbed other than in areas where it is essential for the execution of the work or where directed by the Engineer.

4.14.2 Fires

The Contractor shall comply with the statutory and local fire regulations. He shall also take all necessary precautions to prevent any fires. In the event of fire the Contractor shall take active steps to limit and extinguish the fire and shall accept full responsibility for damages and claims resulting from such fires which may have been caused by him or his employees.

4.14.3 Environmental Management Plan

In addition to the above all requirements according to the Environmental Management Plan as detailed in C3.3, Particular Specifications, will be adhered to.

PS-5 Expanded Public Works Programme (EPWP) labour intensive specification

5.1. Labour Regulations

5.1.1 Payment for the labour-intensive component of the works

Payment for works identified in the Project Specifications as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the scope of work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.

5.1.2 Applicable labour laws

The Ministerial Determination for Special Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice N° R949 in Government Gazette 33665 of 22 October 2010, as reproduced below, shall apply to works described in the scope of work as being labour.

5.1.3 Introduction

This document contains the standard terms and conditions for workers employed in elementary occupations on a Special Public Works Programme (EPWP). These terms and conditions do NOT apply to persons employed in the supervision and management of a EPWP.

In this document –

- (a) “department” means any department of the State, implementing agent or contractor;
- (b) “employer” means any department, implementing agency or contractor that hires workers to work in
elementary occupations on a EPWP;
- (c) “worker” means any person working in an elementary occupation on a EPWP;
- (d) “elementary occupation” means any occupation involving unskilled or semi-skilled work;
- (e) “management” means any person employed by a department or implementing agency to administer or
execute an EPWP;
- (f) “task” means a fixed quantity of work;
- (g) “task-based work” means work in which a worker is paid a fixed rate for performing a task;
- (h) “task-rated worker” means a worker paid on the basis of the number of tasks completed;
- (i) “time-rated worker” means a worker paid on the basis of the length of time worked.

5.1.4 Terms of Work

- 5.1.4.1 Workers on a EPWP are employed on a temporary basis or Contract Basis.

5.1.5 Normal Hours of Work

5.1.5.1 An employer may not set tasks or hours of work that require a worker to work–

- (a) more than forty hours in any week
- (b) on more than five days in any week; and
- (c) for more than eight hours on any day.

5.1.5.2 An employer and worker may agree that a worker will work four days per week. The worker may then

work up to ten hours per day.

5.1.5.3 A task-rated worker may not work more than a total of 55 hours in any week to complete the tasks

allocated (based on a 40-hour week) to that worker.

5.1.6 Meal Breaks

5.1.6.1 A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.

5.1.6.2 An employer and worker may agree on longer meal breaks.

5.1.6.3 A worker may not work during a meal break. However, an employer may require a worker to perform

duties during a meal break if those duties cannot be left unattended and cannot be performed by

another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or

her duties during the meal break.

5.1.6.4 A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on

the basis of time worked must be paid if the worker is required to work or to be available for work

during the meal break.

5.1.7 Special Conditions for Security Guards

5.1.7.1 A security guard may work up to 55 hours per week and up to eleven hours per day.

5.1.7.2 A security guard who works more than ten hours per day must have a meal break of at least one hour

or two breaks of at least 30 minutes each.

5.1.8 Daily Rest Period

Every worker is entitled to a daily rest period of at least eight consecutive hours.

The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

5.1.9 Weekly Rest Period

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work (“emergency work”).

5.1.10 Sick Leave

- 5.1.10.1 Only workers who work four or more days per week have the right to claim sick-pay in terms of this clause.
- 5.1.10.2 A worker who is unable to work on account of illness or injury is entitled to claim one day’s paid sick leave for every full month that the worker has worked in terms of a contract.
- 5.1.10.3 A worker may accumulate a maximum of twelve days’ sick leave in a year.
- 5.1.10.4 Accumulated sick-leave may not be transferred from one contract to another contract.
- 5.1.10.5 An employer must pay a task-rated worker the worker’s daily task rate for a day’s sick leave.
- 5.1.10.6 An employer must pay a time-rated worker the worker’s daily rate of pay for a day’s sick leave.
- 5.1.10.7 An employer must pay a worker sick pay on the worker’s usual payday.
- 5.1.10.8 Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
 - (a) absent from work for more than two consecutive days; or
 - (b) absent from work on more than two occasions in any eight-week period.
- 5.1.10.9 A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.
- 5.1.10.10 A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

5.1.11 Maternity Leave

- 5.1.11.1 A worker may take up to four consecutive months’ unpaid maternity leave.
- 5.1.11.2 A worker is not entitled to any payment or employment-related benefits during maternity leave.
- 5.1.11.3 A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.
- 5.1.11.4 A worker is not required to take the full period of maternity leave. However, a

worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.

5.1.11.5 A worker may begin maternity leave –

- (a) four weeks before the expected date of birth; or
- (b) on an earlier date –
 - (i) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or
 - (ii) if agreed to between employer and worker; or
- (c) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.

5.1.11.6 A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.

5.1.12 Family responsibility leave

5.1.12.1 Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -

- (a) when the employee's child is born;
- (b) when the employee's child is sick;
- (c) in the event of a death of –
 - (i) the employee's spouse or life partner;
 - (ii) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling.

5.1.13 Statement of Conditions

5.1.13.1 An employer must give a worker a statement containing the following details at the start of employment –

- (a) the employer's name and address and the name of the EPWP;
- (b) the tasks or job that the worker is to perform; and
- (c) the period for which the worker is hired or, if this is not certain, the expected duration of the contract;
- (d) the worker's rate of pay and how this is to be calculated;
- (e) the training that the worker will receive during the EPWP.

5.1.13.2 An employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.

5.1.13.3 An employer must supply each worker with a copy of these conditions of employment.

5.1.14 Keeping Records

- 5.1.14.1 Every employer must keep a written record of at least the following –
- (a) the worker's name and position;
 - (b) in the case of a task-rated worker, the number of tasks completed by the worker;
 - (c) in the case of a time-rated worker, the time worked by the worker;
 - (d) payments made to each worker.
- 5.1.14.2 The employer must keep this record for a period of at least three years after the completion of the EPWP.

5.1.15 Payment

- 5.1.15.1 An employer must pay all wages at least monthly in cash or by cheque or into a bank account.
- 5.1.15.2 a worker may not be paid less than the minimum EPWP wage rate of R27.58 per hour or per task. This will be adjusted annually on the 1st of November in line with inflation (Available CPI as provided by Stats SA six (6) weeks before implementation)
- 5.1.15.3 A task-rated worker will only be paid for tasks that have been completed.
- 5.1.15.4 An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer.
- 5.1.15.5 A time-rated worker will be paid at the end of each month.
- 5.1.15.6 Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- 5.1.15.7 Payment in cash or by cheque must take place –
- (a) at the workplace or at a place agreed to by the worker;
 - (b) during the worker's working hours or within fifteen minutes of the start or finish of work;
 - (c) in a sealed envelope which becomes the property of the worker.
- 5.1.15.8 An employer must give a worker the following information in writing –
- (a) the period for which payment is made;
 - (b) the numbers of tasks completed or hours worked;
 - (c) the worker's earnings;
 - (d) any money deducted from the payment;
 - (e) the actual amount paid to the worker.
- 5.1.15.9 If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.

- 5.1.15.10 If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

5.1.16 Deductions

- 5.1.16.1 An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.
- 5.1.16.2 An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
- 5.1.16.3 An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement law, court order or arbitration award concerned.
- 5.1.16.4 An employer may not require or allow a worker to –
- (a) repay any payment except an overpayment previously made by the employer by mistake;
 - (b) state that the worker received a greater amount of money than the employer actually paid to the worker; or
 - (c) pay the employer or any other person for having been employed.

5.1.17 Health and Safety

- 5.1.17.1 Employers must take all reasonable steps to ensure that the working environment is healthy and safe.
- 5.1.17.2 A worker must –
- (a) work in a way that does not endanger his/her health and safety or that of any other person;
 - (b) obey any health and safety instruction;
 - (c) obey all health and safety rules of the EPWP;
 - (d) use any personal protective equipment or clothing issued by the employer;
 - (e) report any accident, near-miss incident or dangerous behaviour by another person to their employer or manager.

5.1.18 Compensation for Injuries and Diseases

- 5.1.18.1 It is the responsibility of the employers (other than a contractor) to arrange for all persons employed on a EPWP to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
- 5.1.18.2 A worker must report any work-related injury or occupational disease to their employer or manager.
- 5.1.18.3 The employer must report the accident or disease to the Compensation Commissioner.
- 5.1.18.4 An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT

apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

5.1.19 Termination

- 5.1.15.1 The employer may terminate the employment of a worker for good cause after following a fair procedure.
- 5.1.19.2 A worker will not receive severance pay on termination.
- 5.1.19.3 A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.
- 5.1.19.4 A worker who is absent for more than three consecutive days without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
- 5.1.19.5 A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.

5.1.20 Certificate of Service

- 5.1.20.1 On termination of employment, a worker is entitled to a certificate stating –
 - (a) the worker's full name;
 - (b) the name and address of the employer;
 - (c) the EPWP on which the worker worked;
 - (d) the work performed by the worker;
 - (e) any training received by the worker as part of the EPWP;
 - (f) the period for which the worker worked on the EPWP;
 - (g) any other information agreed on by the employer and worker.

5.1.21 Contractor's default in payment to Labourers and Employees

Any dispute between the Contractor and labourers, regarding delayed payment or default in payment of fair wages, if not resolved immediately may compel the Employer to intervene.

The Employer may, upon the Contractor defaulting payment, pay the moneys due to the workers not honoured in time, out of any moneys due or which may become due to the Contractor under the Contract.

5.1.22 Provision of Hand tools

The Contractor shall provide his labour force with hand tools of adequate quality, sufficient in numbers and make the necessary provisions to maintain the tools in good and safe working conditions.

5.1.23 Reporting

The Contractor shall submit monthly returns/reports as specified below:

- Signed Muster rolls/pay sheets of temporary workers and permanent staff detailing the number, category, gender, rate of pay and daily attendance.
- Plant utilization returns
- Progress report detailing production output compared to the programme of works
intensive and
which are undertaken by unskilled or semi-skilled workers.

9.2 Labour intensive competencies of supervisory and management staff

Contractors having a CIDB contractor grading designation of 3CE and higher shall only engage supervisory and management staff in labour intensive works who have either completed, or for the period 1 April 2020 to 30 June 2020, are registered for training towards, the skills programme outlined in Table 1.

The managing principal of the contractor, namely, a sole proprietor, the senior partner, the managing director or managing member of a close corporation, as relevant, having a contractor grading designation of 1GB, 2 GB, 3 GB and 4 GB shall have personally completed, or for the period 1 April 2020 to 30 June 2020 be registered on a skills programme for the NQF level 2. All other site supervisory staff in the employ of such contractors must have completed, or for the period 1 April 2020 to 30 June 2020 be registered on a skills programme for, the NQF level 2 unit standards or NQF level 4 unit standards.

Table 1: Skills programme for supervisory and management staff

Personnel	NQF level	Unit standard titles	Skills programme description
Team leader / supervisor	2	Apply Labour Intensive Construction Systems and Techniques to Work Activities	This unit standard must be completed, and
		Use Labour Intensive Construction Methods to Construct and Maintain Roads and Storm water Drainage	any one of these 3 unit standards
		Use Labour Intensive Construction Methods to Construct and Maintain Water and Sanitation Services	
		Use Labour Intensive Construction Methods to Construct, Repair and Maintain Structures	
Foreman/ supervisor	4	Implement labour Intensive Construction Systems and Techniques	This unit standard must be completed, and
		Use Labour Intensive Construction Methods to Construct and Maintain Roads and Storm water Drainage	any one of these 3 unit

		Use Labour Intensive Construction Methods to Construct and Maintain Water and Sanitation Services	standards
		Use Labour Intensive Construction Methods to Construct, Repair and Maintain Structures	
Site Agent / Manager (i.e. the contractor's most senior representative that is resident on the site)	5	Manage Labour Intensive Construction Processes	Skills Programme against this single unit standard

5.2 Employment of unskilled and semi-skilled workers in labour-intensive works – According to SANS 1914-5.

5.2.1 Requirements for the sourcing and engagement of labour.

5.2.1.1 Unskilled and semi-skilled labour required for the execution of all labour intensive works shall be engaged strictly in accordance with prevailing legislation and SANS 1914-5, Participation of Targeted Labour.

5.2.1.2 The normal Government Gazette rate as published by the department of labour and revised annually will be applicable in case the Musina Local Municipality do not have a set rate for the Locals and EPWP Projects. When Government Gazette becomes applicable, the rate will change when the new rates become gazetted by the Minister of Labour

5.2.1.3 Tasks established by the contractor must be such that:

- a) the average worker completes 5 tasks per week in 40 hours or less; and
- b) the weakest worker completes 5 tasks per week in 55 hours or less.

5.2.1.4 The contractor must revise the time taken to complete a task whenever it is established that the time taken to complete a weekly task is not within the requirements of 5.2.1.3.

5.2.1.5 The Contractor shall, through all available community structures, inform the local community of the labour intensive works and the employment opportunities presented thereby. Preference must be given to people with previous practical experience in construction and / or who come from households:

- a) where the head of the household has less than a primary school education;
- b) that has less than one full time person earning an income;
- c) where subsistence agriculture is the source of income.

- d) those that are not in receipt of any social security pension income

5.2.1.6 The Contractor shall endeavour to ensure that the expenditure on the employment of temporary workers is in the following proportions:

- a) 55 % women;
- b) 55% youth who are between the ages of 18 and 35; and
- c) 2% on persons with disabilities.

5.3 Specific provisions pertaining to SANS 1914-5

5.3.1 Definitions

Targeted labour: Unemployed persons who are employed as local labour on the project.

5.3.2 Contract participation goals

5.3.2.1 There is no specified contract participation goal for the contract. The contract participation goal shall be measured in the performance of the contract to enable the employment provided to targeted labour to be quantified.

5.3.2.2 The wages and allowances used to calculate the contract participation goal shall, with respect to both time-rated and task rated workers, comprise all wages paid and any training allowance paid in respect of agreed training programmes.

5.3.3 Terms and conditions for the engagement of targeted labour

Further to the provisions of clause 3.3.2 of SANS 1914-5, written contracts shall be entered into with targeted labour.

5.3.4 Variations to SANS 1914-5

5.3.4.1 The definition for net amount shall be amended as follows:

Financial value of the contract upon completion, exclusive of any value-added tax or sales tax which the law requires the employer to pay the contractor.

5.3.4.2 The schedule referred to in 5.2 shall in addition reflect the status of targeted labour as women, youth and persons with disabilities and the number of days of formal training provided to targeted labour.

PART B: AMENDMENTS TO THE STANDARD AND PARTICULAR SPECIFICATIONS

B1 PROJECT SPECIFICATIONS RELATING TO THE STANDARD SPECIFICATIONS

AND OTHER ADDITIONAL SPECIFICATIONS

In certain clauses in the standard, standardized and particular specifications, allowance is made for a choice to be specified in the project specifications between alternative materials or methods of construction, and for additional requirements to be specified to suit a particular contract. Details of such alternative or additional requirements applicable to this contract are contained in this part of the project specifications. It also contains the necessary additional specifications required for this particular contract.

The number of each clause and each payment item in this part of the project specifications consists of the prefix B followed by a number corresponding to the relevant clause or payment item in the standard specification.

The number of a new clause or payment item, which does not form part of a clause or a payment item in the standard specifications and which is included here, is also prefixed by B, but followed by a new number which follows on the last clause or item number used in the relevant section of the standard specifications.

C3.3: CONTRACTORS REPORT

PART: 1

CONTRACTOR MONTHLY REPORT

Project No: **Project Name:**.....

Contract No:

Contractor Name:

Claim No: **For Period Ending:**

Date of Report:

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

“NO REPORT – NO PAYMENT”.

Attachments:

- Part 2 Overall Project Worker Schedule: Schedule of all local labourers employed since the start of the project
- Part 3 Weekly Task Wage Register
- Part 4 Local Labour Schedule

OVERALL PROJECT WORKER SCHEDULE (local labourers only) Contract No: **PART 2**

Project No.

Project Name:

Month of Report:

Sheet: of

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

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

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

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

PART 3

[illegible]

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LOCAL LABOUR AND MATERIAL SCHEDULE

PART 4

Contract No:

Date of Report:

Project No:

Project Name:

Claim No:

For Period Ending:

Contractor Name:

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

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

Transfer to 2 in table below

2. Summary of Amount Spent on Local Labour to date

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

3. Local Labour Schedule

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

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

Item	This Month	Total to date
1. Material from Local Municipality		
2. Material from Local District Municipality		
3. Material from Outside the LIMPOPO PROVINCE		
4. Material from other areas within the LIMPOPO PROVINCE		
Total Material		
Total material as percentage of contractor expenditure		
Total as percentage of contractor budget		

5. Training of Local Workers

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

Completed by:

Name

Signature

Capacity

Date

C3.4: SCHEDULE OF CERTIFICATES OF COMPLIANCE REQUIRED

- Glazing C.o.C
- Roof Tiles C.o.C
- Plumbing C.o.C
- Compaction results
- Cube testing results
- Truss manufacturers C.o.C
- Truss installation and Tie down COC
- Health and Safety File
- Labour File

Part C4: SITE INFORMATION

C.4.1: Site Information

Project Title:	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
Tender No.:	05-2024/25

1. GENERAL

The approximate localities of the project is as indicated on the attached Locality Plan



Figure 1: Nancefield Municipal Building Locality

2. GPS POSITIONS

GPS readings of the school are as follows: **TENDER NO.:** 05-2024/25

PROJECT NO.	NAME	LATITUDE	LONGITUDE
05-2024/25	Nancefield Municipal Building	22°19'52.82"S	30° 2'9.12"E

C4.2: Drawings

List of Drawings

DESCRIPTION	DRAWING NUMBER

CONTRACT NO.: 14-2020/21

REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING

BOOK OF DRAWINGS

TENDER

SEPTEMBER 2024

ON BEHALF OF:

MUSINA LOCAL MUNICIPALITY



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0900

Tel: +27 (0) 15 534 6100
info@musina.gov.za

PREPARED BY:

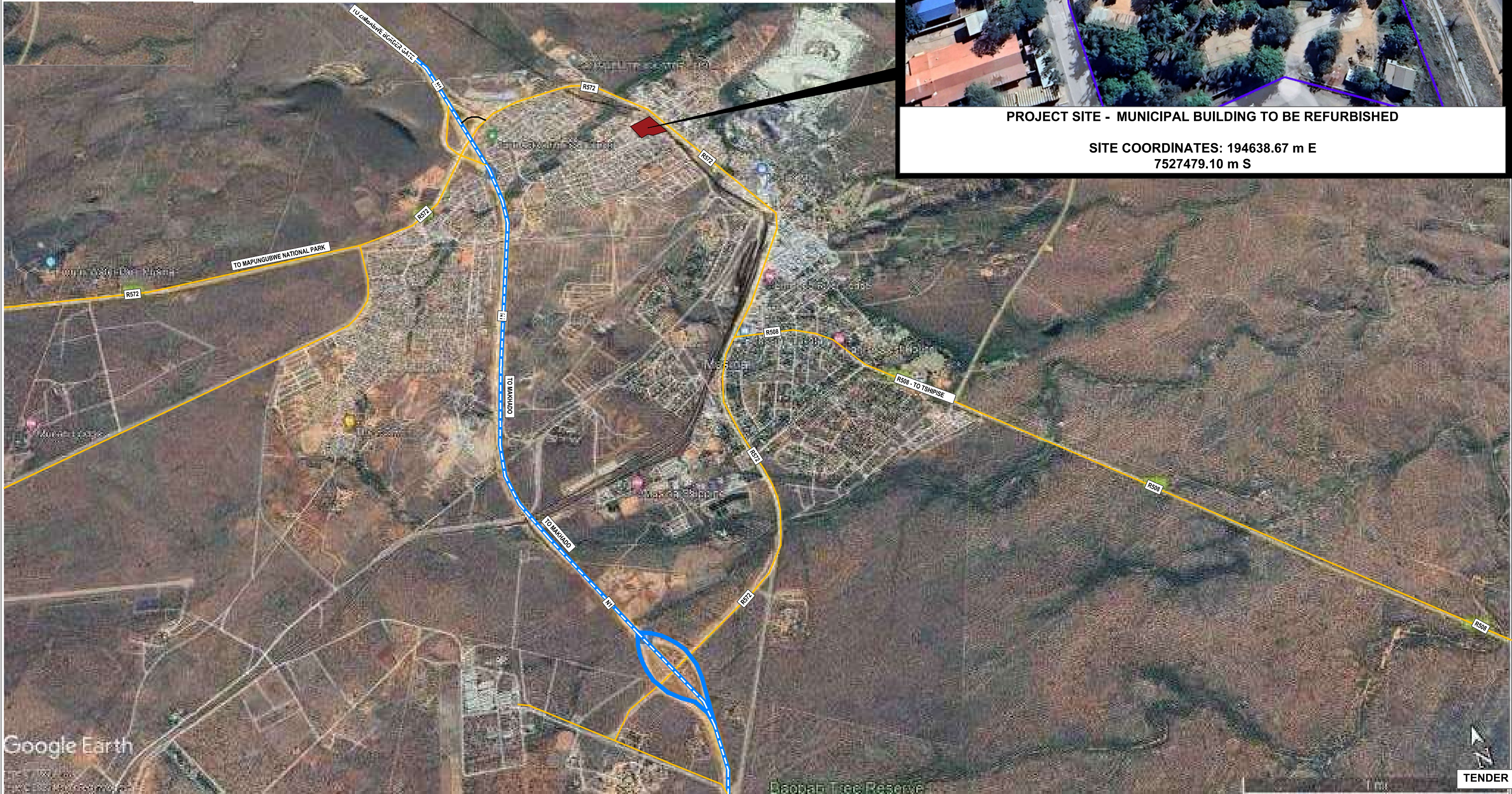


**SKY HIGH CONSULTING
ENGINEERS**

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HEAD OFFICE KHURULA
PARK NO 14
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TZANEEN 0850

LIST OF DRAWINGS:	
<u>DRAWING NUMBER</u>	<u>DRAWING TITLE</u>
<u>CIVIL DRAWINGS:</u>	
SHCE - N - 077 - IDX - 000	INDEX
SHCE - N - 077 - PLP - 001	PROJECT LOCALITY
SHCE - N - 077 - SDP - 002	PROJECT SCOPE PLAN
SHCE - N - 077 - PLP - 003	PROJECT LOCATION TOPOGRAPHIC SURVEY
SHCE - N - 077 - SDP - 004	AS-BUILT PLAN (AREAS TO BE REFURBISHED)
SHCE - N - 077 - SDP - 005	BUILDING ELEVATIONS
<u>ARCHITECTURAL DRAWINGS:</u>	
633 x 0 x 1_RA	SITE PLAN
633 x 2 x 1_RA	FLOOR PLAN, ROOF PLAN & CEILING PLAN
633 x 2 x 2_RA	NEW GUARD HOUSE - FLOOR PLAN, SECTIONS AND ELEVATIONS
633 x 5 x 1_RA	DATA SHEET 1
633 x 5 x 2_RA	DATA SHEET 2
633 x 5 x 3_RA	DATA SHEET3
633 x 11 x 1_RA	DOOR AND WINDOW SCHEDULE

			DESIGNED BY	INITIALS: A.M	DATE:	ENGINEER / DIRECTOR:	CONSULTANT:	SKY HIGH CONSULTING ENGINEERS  SKY HIGH CONSULTING ENGINEERS HEAD OFFICE KHURULA PARK NO 14 PEACE STREET P.O. BOX 2816 TZANEEN 0850 TEL: +27 (0)15 307 6961 FAX: +27 (0)86 540 1430 EMAIL: info@shsconsulting.co.za	CLIENT: MUSINA LOCAL MUNICIPALITY  21 IRWIN STREET MUSINA 0900 Private Bag X611 MUSINA 0900 Tel: +27 (0) 15 534 6100 info@musina.gov.za	PROJECT : CONTRACT NO.: 14-2020/21 REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING	CLIENT'S CONTRACT NO.: ---	SHEET 1 OF 1
			CHECKED BY	NTB	SCALE: 1:1000							
			DRAWN BY	TM								
			CHECKED BY	AM / DM								
2	2024/06	TENDER										
1	2024/04	DETAILED DESIGN										
0	2023/11	SCOPING										
REV. NO	DATE	REVISION	CONSULT	DIR								



PROJECT SITE - MUNICIPAL BUILDING TO BE REFURBISHED

SITE COORDINATES: 194638.67 m E
7527479.10 m S

				DESIGNED BY	INITIALS	AJM	DATE:	ENGINEER / DIRECTOR:		CONSULTANT:		CLIENT: MUSINA LOCAL MUNICIPALITY		PROJECT: CONTRACT NO.: 14-2020/21		CLIENT'S CONTRACT NO:		SHEET 1 OF 1	
				CHECKED BY		NTB								REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING				SCALE: AS SHOWN	
				DRAWN BY		TM								DRAWING:				CONSULTANT'S PROJECT NO: SHCE-077	
				CHECKED BY		AM / DM								PROJECT LOCALITY PLAN				CONSULTANT'S DRAWING NO: SHCE-N-077-PLP -002	
				APPROVED & ADOPTED BY		NTB												P1 No. / Drawing No. & Rev. No. P1 No. SHCE-077 P1 No. SHCE-N-077-PLP -002	
REV. NO	DATE	REVISION		CONSULT	DIR													Dwg No. SP1-002 Rev. 0	
02	2024/06	TENDER																	
01	2024/04	DETAILED DESIGN																	
0	2023/11	SCOPING																	

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LEGEND

1. PROPOSED GUARD HOUSE. - (SHCE)
2. FIRE DAMAGED MUNICIPAL BUILDING TO BE REFURBISHED. - (SHCE)
3. EXISTING (NEW) LIBRARY . (SHCE)
4. OLD LIBRARY BUILDING - (FUTURE WORKS)
5. MUSINA LOCAL RADIO STUDIOS. (SHCE)
6. PROPOSED 1.8 HIGH CLEAR VIEW FENCE TO REPLACE DAMAGED CONCRETE PALISADE FENCE. (DBS)
7. EXISTING COVERED PARKING TO BE REFURBISHED
8. PROPOSED CLEAR VIEW ACCESS GATE (X2) - (DBS).
9. PROPOSED PAVED PARKING AND WALKWAYS AND LANDSCAPING. (DBS)
10. 50KI ELEVATED TANK (SHCE)
11. PAVING - (SHCE)



INTERIOR OF THE BURNED SECTION OF THE BUILDING



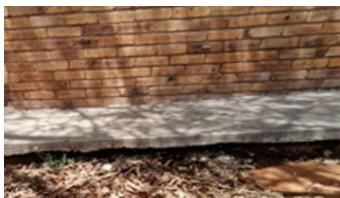
FENCING AROUND THE MUNICIPAL BUILDING AND GATES



COVERED PARK AREA FOR STAFF



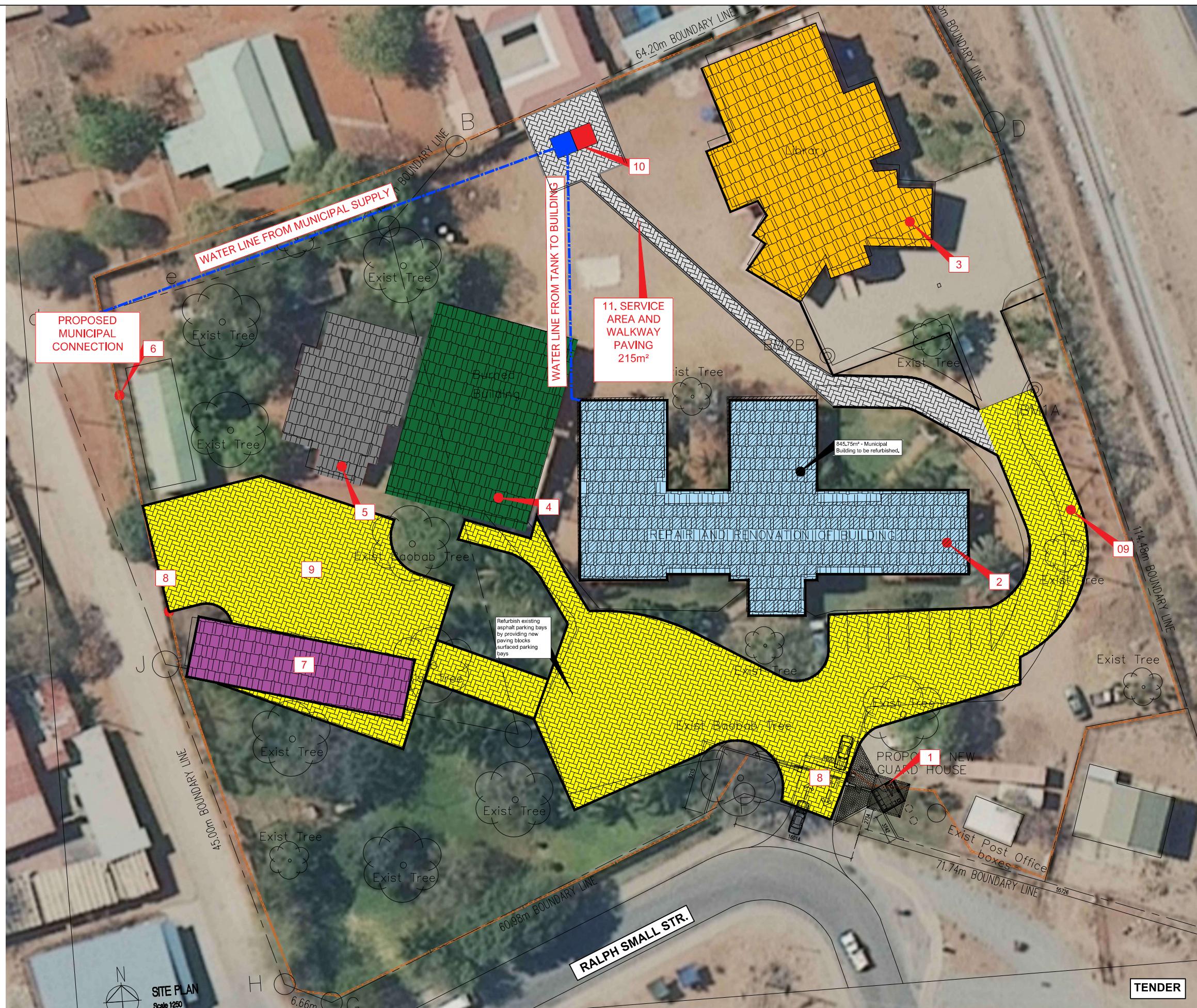
FIRE DAMAGED WINDOWS BURNT BUILDING



BROKEN AND SCOURED APRON CONCRETE



FIRE DAMAGED ROOF



REV. NO	DATE	REVISION	CONSULT	DIR	APPROVED & ADOPTED BY	INITIALS	DATE	ENGINEER / DIRECTOR
01	2024/04	DETAILED DESIGN			DESIGNED BY	AJM		
02	2023/11	SCOPING			CHECKED BY	NTB		
					DRAWN BY	TM		
					CHECKED BY	AM / DM		
					APPROVED & ADOPTED BY	NTB		

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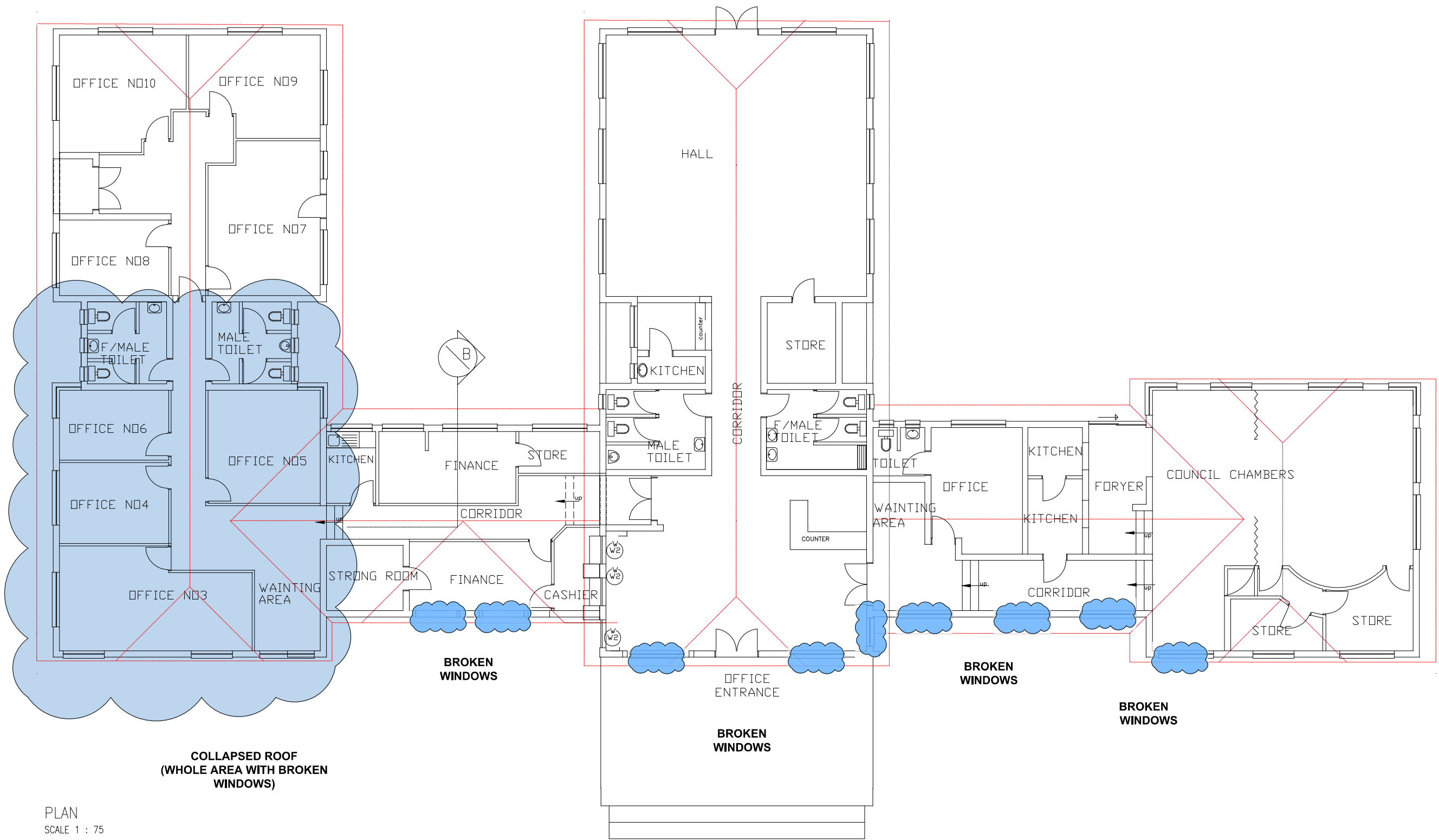
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PROJECT:	CONTRACT NO.: 14-2020/21
	REFURBISHMENT OF THE NANCEFIELD MUNICIPAL BUILDING
DRAWING:	PROJECT SCOPE PLAN

CLIENT'S CONTRACT NO.	---	SHEET	1 OF 1
CONSULTANT'S PROJECT NO.	SHCE-077	SCALE	1:1000
CONSULTANT'S DRAWING NO.	SHCE-N-077-PLP-002	PL/No. / Drawing No. / Rev. No.	SHCE-077
		By/No.	SP1-002.1 Rev. 0

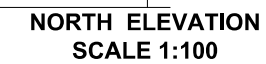
TENDER



PLAN
SCALE 1 : 75

TENDER

						DESIGNED BY	INITIALS: AM	DATE	ENGINEER / DIRECTOR:	CONSULTANT:  SKY HIGH consulting SKY HIGH CONSULTING ENGINEERS HEAD OFFICE KHURULA PARK NO 14 PEACE STREET P.O. BOX 2816 TZANEEN 0850 TEL: +27 (0)15 307 6961 FAX: +27 (0)86 540 1430 EMAIL: info@shiconsulting.co.za	CLIENT: MUSINA LOCAL MUNICIPALITY  21 IRWIN STREET MUSINA 0900 Private Bag X611 MUSINA 0900 Tel: +27 (0) 15 534 6100 info@musina.gov.za	PROJECT : CONTRACT NO.: 14-2020/21		CLIENTS CONTRACT NO. 14-2020/21	SHEET 1 OF 1	
SCALE AS SHOWN																
2	2024/06	TENDER				CHECKED BY	AM / DM						DRAWING : NANCEFIELD MUNICIPAL BUILDING AS - BUILT PLAN REFURBISHMENT AREA	CONSULTANT'S PROJECT NO. SHCE-077	CONSULTANT'S DRAWING NO. SHCE-077 SP1-004.1	Rev.
1	2024/04	DETAILED DESIGN														
0	2023/11	SCOPING														
REV. NO	DATE	REVISION				APPROVED & ADOPTED BY	NTB									
						CONSULT	DIR									

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NO. / NO.	DATE / DATUM	REVISIONS / WYSIGINGS	D.O.W. / P.W.D.
A	12/02/24	ISSUED FOR INFORMATION	L.M.

cad file name Y:\600-699\633 MUNICIPALITY_NANCEFIELD	page type A1
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MAIN CONSULTANT:

SKY HIGH
consulting engineers

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SACP Reg. No.:	7187
REGISTRATION CATEGORY:	PR. ARCH.

acad plotting name/acad drawing name:
Y:\600-699\633 MUNICIPALITY_NANCEFIELD\633XALL

consultant/separatemeet: consultant/department:

**OSGLO**
ARGITEKTE - ARCHITECTS

204 DANIELS STREET, LUIS TRICHARDT, 0800
P.O. BOX 1216, LUIS TRICHARDT, 0800
TEL: 015-518 9155 FAX: 015-518 1033

discipline
ARCHITECTURE

service
REPAIRS AND RENOVATIONS TO EXISTING BUILDING FOR MUSINA MUNICIPALITY ON SITE NO: 1066 OF NANCEFIELD TOWNSHIP

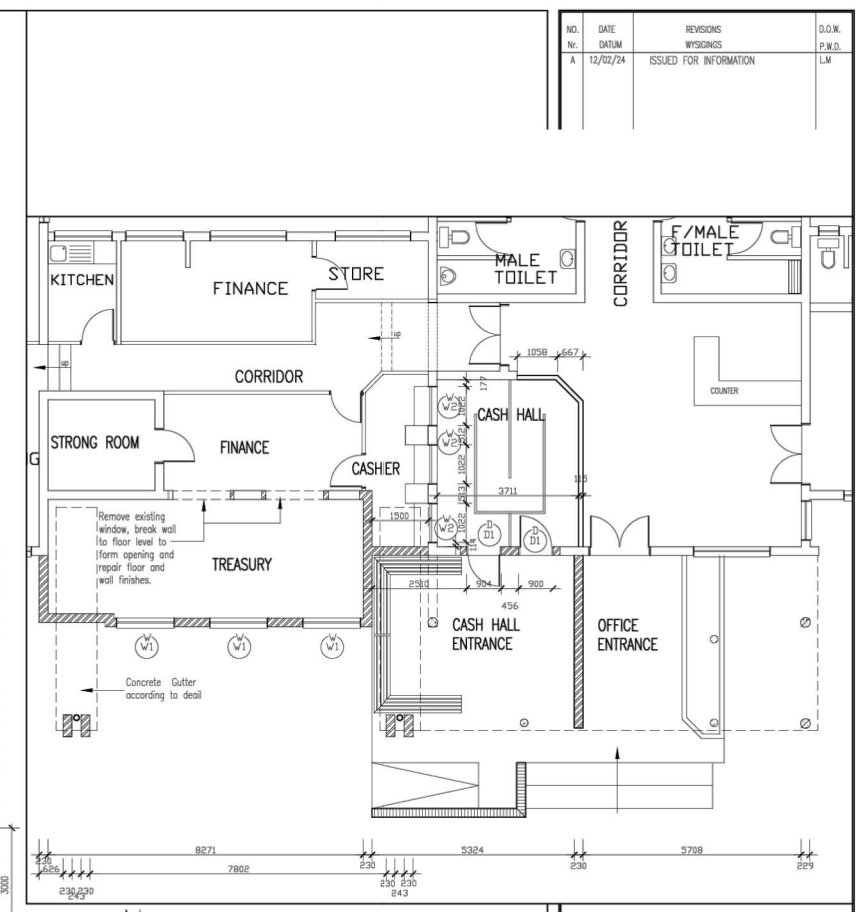
Tender number
14-2020/21

Drawing title
SITE PLAN

Ref. no. -	designed C.F.M.
scale AS SHOWN	drawn L.M.
date 09/07/2024	checked C.F. MOCKE
drawing number	

TENDER

633x0x1_RA



NO. Nr.	DATE DATUM	REVISIONS WYSYGINGS	D.O.W. P.W.D.
A	12/02/24	ISSUED FOR INFORMATION	LM

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ARGITEKTE - ARCHITECTS

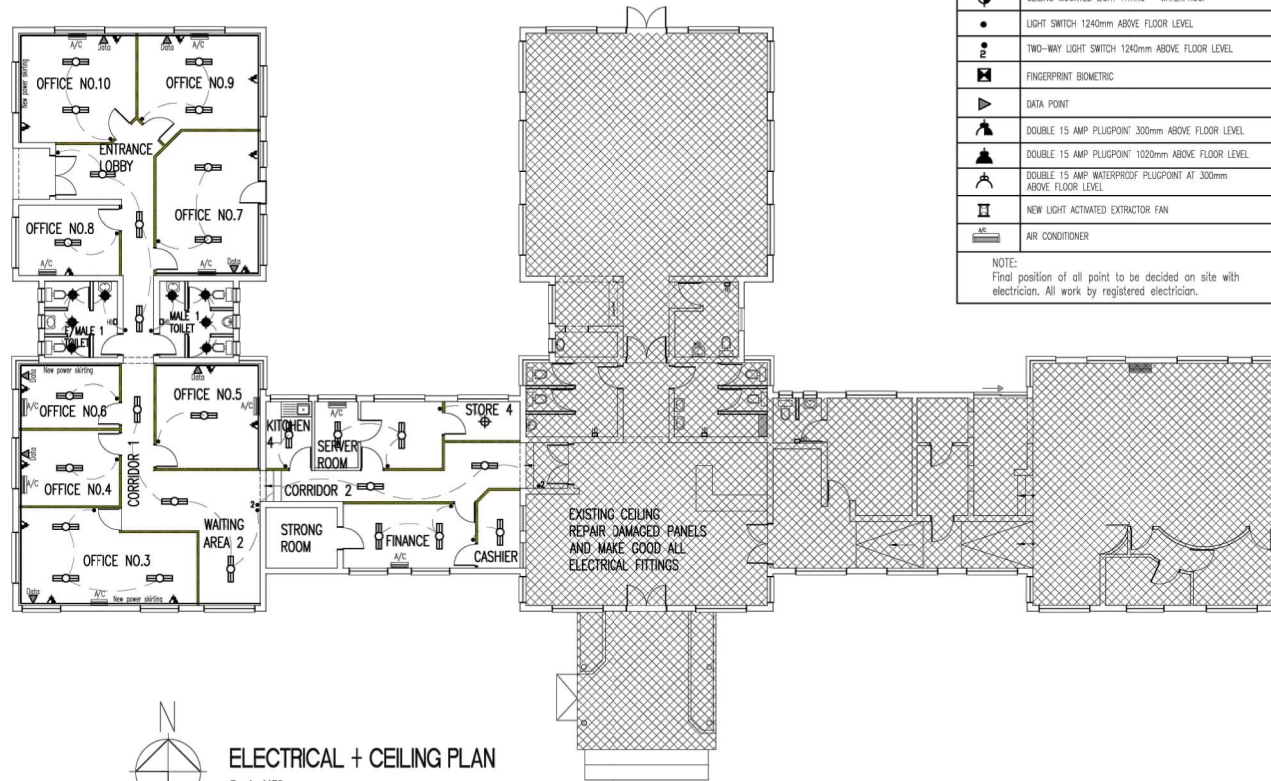
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discipline
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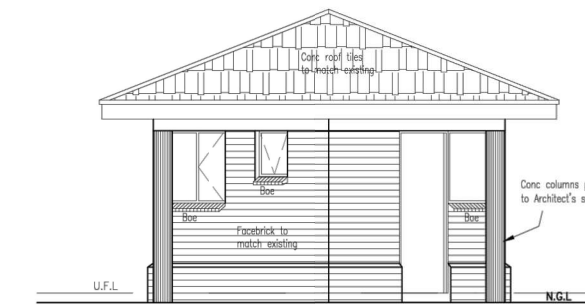
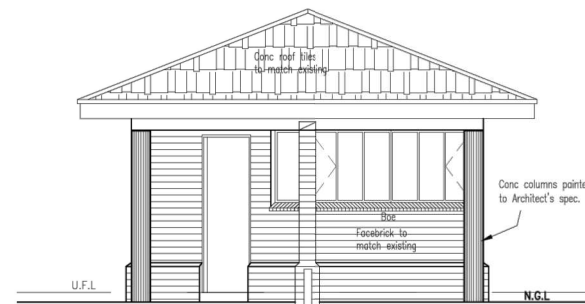
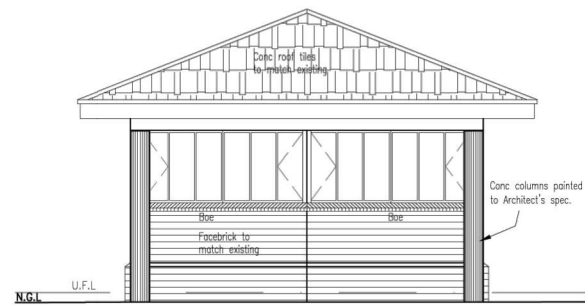
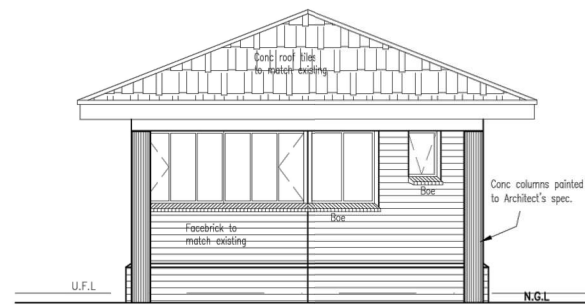
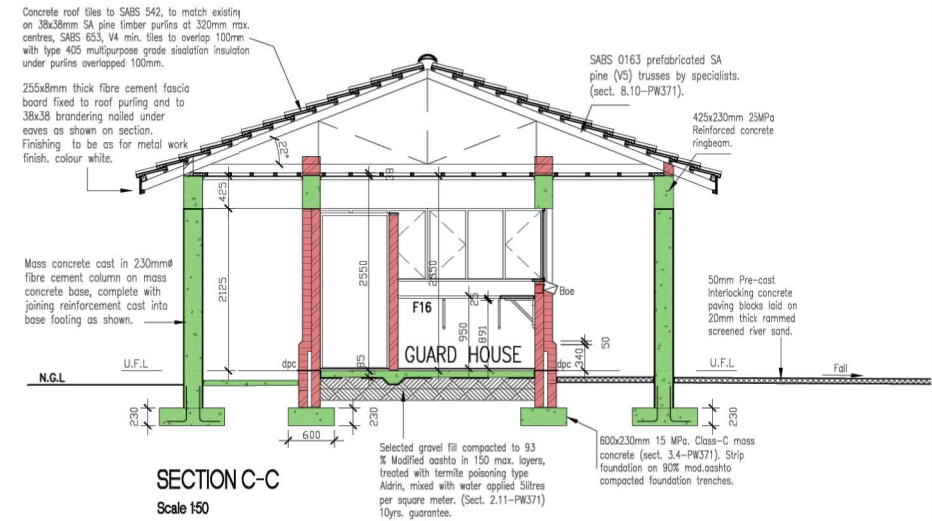
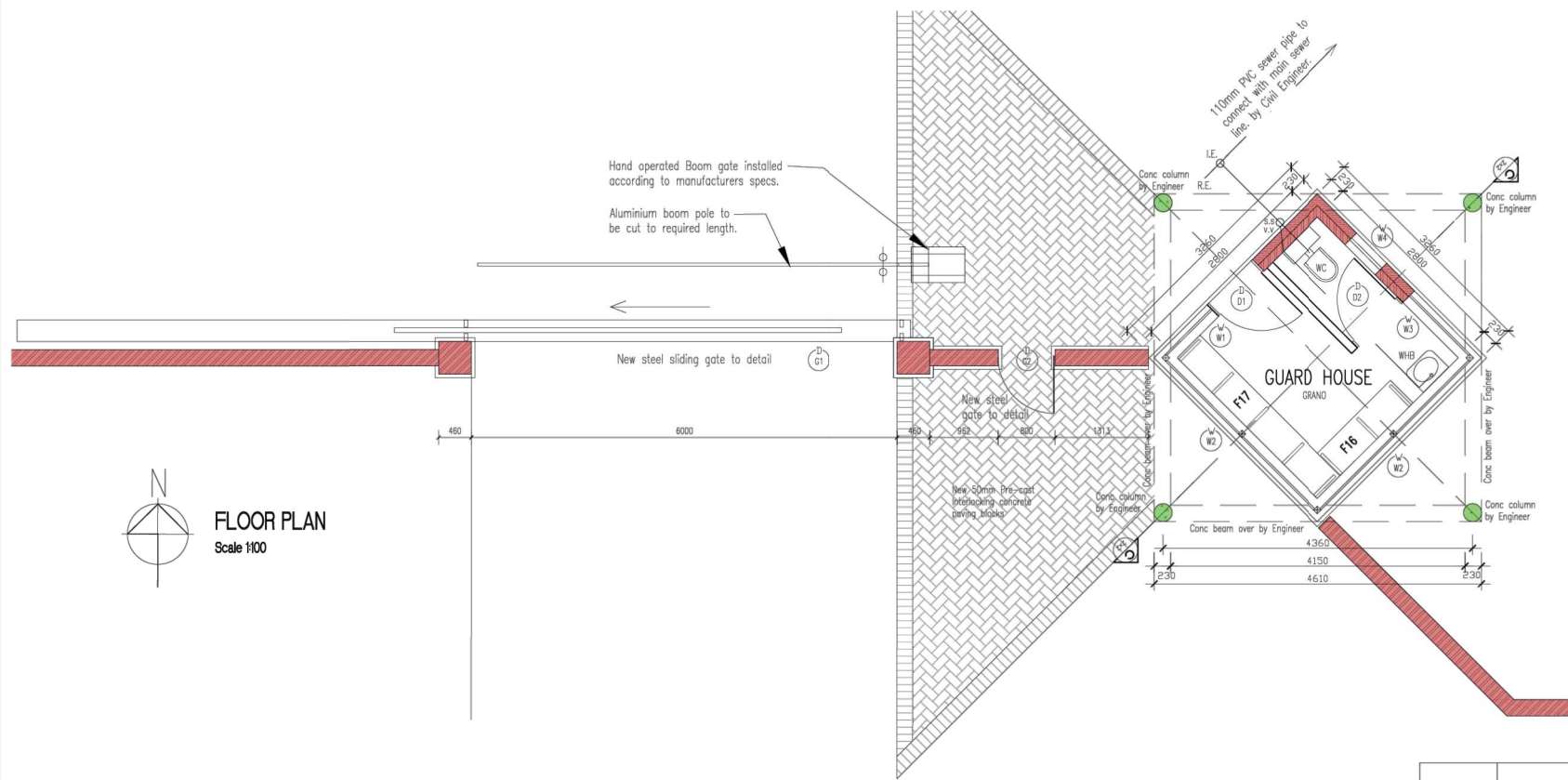
service

REPAIRS AND RENOVATIONS TO EXISTING
BUILDING FOR MUSINA MUNICIPALITY
ON SITE NO: 1066
OF NANCEFIELD TOWNSHIP

Tender number		14-2020/21	
Drawing title			
FLOOR PLAN ROOF PLAN CEILING PLAN			
Ref. no. —		designed C.F.M.	
scale AS SHOWN		drawn L.M	
date 09/07/2024		checked C.F. MOCKE	
drawing number			
633x2x1_RA			



TENDER



DOOR SCHEDULE

DOOR NO.	D1	D2
FRAME DESCRIPTION	STANDARD 1,2mm THICK SINGLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100mm BUTT HINGES.	STANDARD 1,2mm THICK DOUBLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100mm BUTT HINGES.
FRAME FINISHING	1x COAT FACTORY PRIMER (SABS 909) BY MANUFACTURER AS PER (ITEM 18.3 C2 PW371). PREPARE AND APPLY 1x COAT ZINC CHROMATE PRIMER (SABS 679), AND 1x COAT APPROVED UNIVERSAL UNDERCOAT (SABS 681 TYPE 2) AND 2x COATS APPROVED (SABS 630) HIGH GLOSS ENAMEL PAINT AS PER (PW371 SECTION 18.3 c2). SANDPAPER LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	1x COAT FACTORY PRIMER (SABS 909) BY MANUFACTURER AS PER (ITEM 18.3 C2 PW371). PREPARE AND APPLY 1x COAT ZINC CHROMATE PRIMER (SABS 679), AND 1x COAT APPROVED UNIVERSAL UNDERCOAT (SABS 681 TYPE 2) AND 2x COATS APPROVED (SABS 630) HIGH GLOSS ENAMEL PAINT AS PER (PW371 SECTION 18.3 c2). SANDPAPER LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.
DOOR DESCRIPTION	STANDARD 2032x813x40mm THICK MERIT HARDWOOD FRAMED AND LEDGE BATTEN DOOR COMPLETE WITH 3mm THICK PLYWOOD FLUSH BACK (SABS 545). ALL AS PER (PW371 SECTION 8.33).	STANDARD 2032x813x40mm THICK HOLLOW CORE FLUSH PANEL DOOR (SABS 545) WITH 3mm THICK TEMPERED HARDBOARD SIDES AND CONCEALED HARDWOOD EDGES. ALL AS PER (PW371 SECTION 8.33).
DOOR FINISHING	PREPARE AND CLEAN. APPLY ONE COAT SANDING SEALER, SAND LIGHTLY AND APPLY THREE COATS POLYURETHANE VARNISH. SANDPAPER LIGHTLY BETWEEN COATS.	PREPARE, SAND AND CLEAN. APPLY 1x COAT "DULUX 196-0763" UNDERCOAT, SAND LIGHTLY. APPLY 2x COATS "DULUX 236-0734" SILTHANE GLOSS ENAMEL PAINT IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.
IRONMONGERY	SEE IRONMONGERY SCHEDULE ATTACHED.	

WINDOW SCHEDULE

WINDOW NO.	W1	W2	W3	W4
FRAME DESCRIPTION	PURPOSE MADE ALUMINIUM SERIES 500 FIXED PANEL WINDOW SECTION, AS MANUFACTURED BY "WISPECO" WITHOUT SLIDING SECTIONS.	PURPOSE MADE ALUMINIUM SERIES 500 HORIZONTAL SLIDING WINDOW SECTION, AS MANUFACTURED BY "WISPECO" WITH SLIDING SECTIONS FITTED WITH FRAME.	PURPOSE MADE ALUMINIUM SERIES 500 HORIZONTAL SLIDING WINDOW SECTION, AS MANUFACTURED BY "WISPECO" WITH SLIDING SECTIONS FITTED WITH FRAME.	STANDARD ALUMINIUM TOP HUNG WINDOW SECTION, AS MANUFACTURED BY "WISPECO"
FRAME FINISH	POWDER EPOXY COATED ALUMINIUM COLOUR (ANP-3057)-LL259P. MATT DARK LUMBER GREY.	POWDER EPOXY COATED ALUMINIUM COLOUR (ANP-3057)-LL259P. MATT DARK LUMBER GREY.	POWDER EPOXY COATED ALUMINIUM COLOUR (ANP-3057)-LL259P. MATT DARK LUMBER GREY.	POWDER EPOXY COATED ALUMINIUM COLOUR (ANP-3057)-LL259P. MATT DARK LUMBER GREY.
FITTINGS	NONE	ALUMINIUM WINDOW PULL HANDLE SUPPLIED WITH FRAME FITTED IN FRAME SLIDING SECTION BY MANUFACTURER.	ALUMINIUM WINDOW PULL HANDLE SUPPLIED WITH FRAME FITTED IN FRAME SLIDING SECTION BY MANUFACTURER.	NYLON LOCKING HANDLES AND S/S FRICTION STAYS AS SUPPLIED BY MANUFACTURER.
GLAZING	6.5mm THICK CLEAR SAFETY GLASS FITTED IN PATENTED NEOPRENE GASKETS (BLACK) COMPLETE WITH PATENTED COLOUR CODED ALUMINIUM GLAZING BEADS FOR 6.5mm GLASS.	6.5mm THICK CLEAR SAFETY GLASS FITTED IN PATENTED NEOPRENE GASKETS (BLACK) COMPLETE WITH PATENTED COLOUR CODED ALUMINIUM GLAZING BEADS FOR 6.5mm GLASS.	6.5mm THICK CLEAR SAFETY GLASS FITTED IN PATENTED NEOPRENE GASKETS (BLACK) COMPLETE WITH PATENTED COLOUR CODED ALUMINIUM GLAZING BEADS FOR 6.5mm GLASS.	BRONZE OPAQUE GLASS IN NEOPRENE GASKET FITTED TO FRAME WITH CLIP-IN GLAZING BEAD. IN COMPLIANCE WITH SANS 10137. COMPLETE WITH NYLON GLAZE. INSECT SCREENS TO ALL OPENING SECTIONS.

TENDER

NO. Nr.	DATE DATUM	REVISIONS WYSINGS	D.O.W. P.W.D.
A	12/02/24	ISSUED FOR INFORMATION	L.M.

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acad taking room/acad drawing name:
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consultant/departments	consultant/departments

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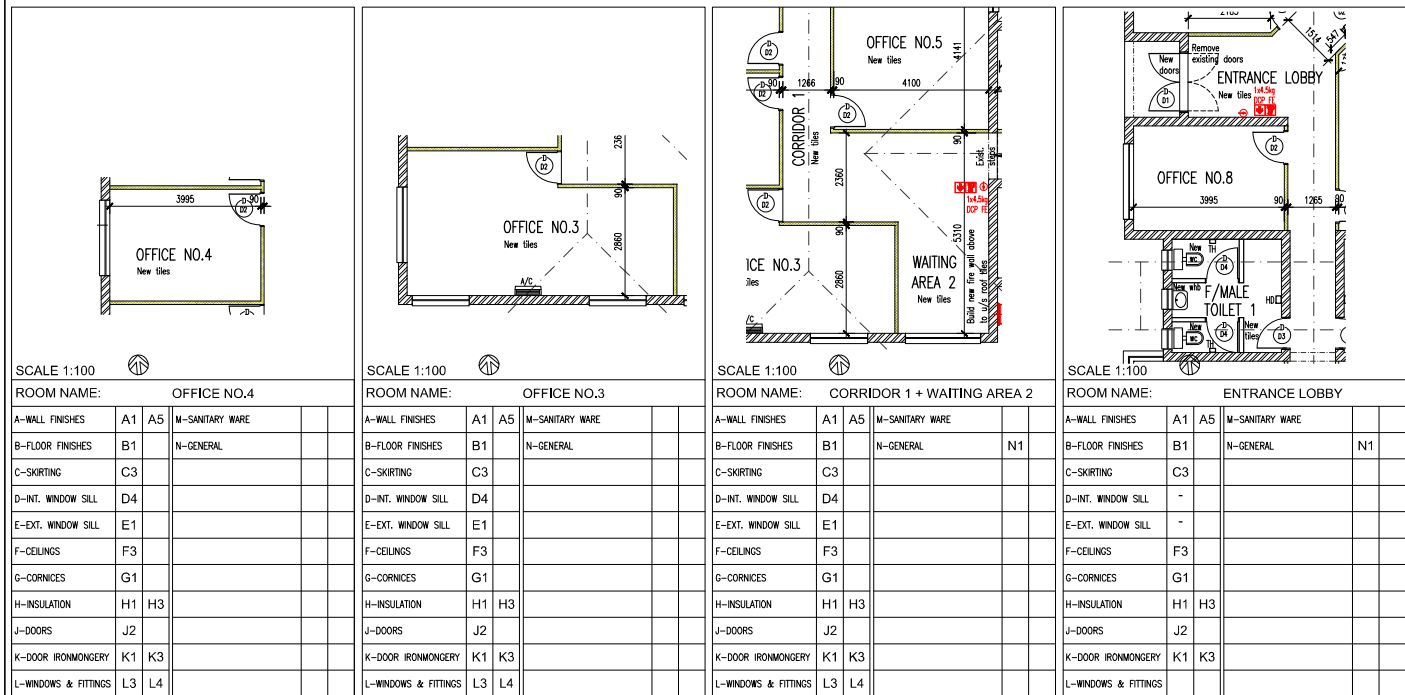
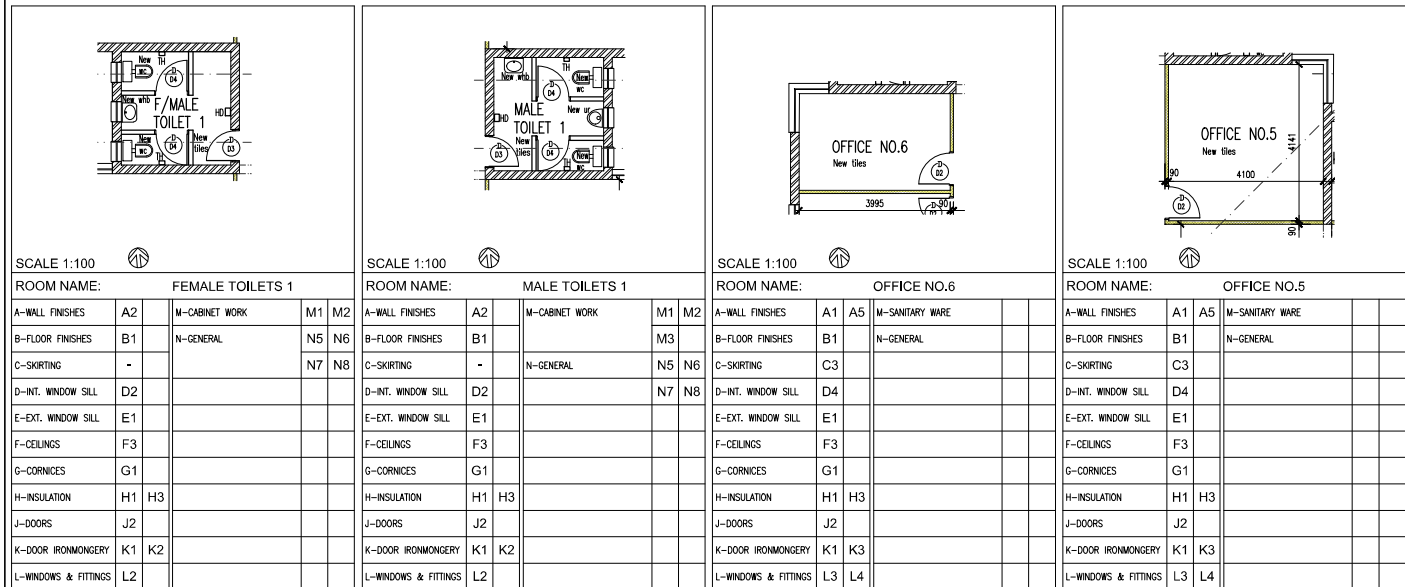
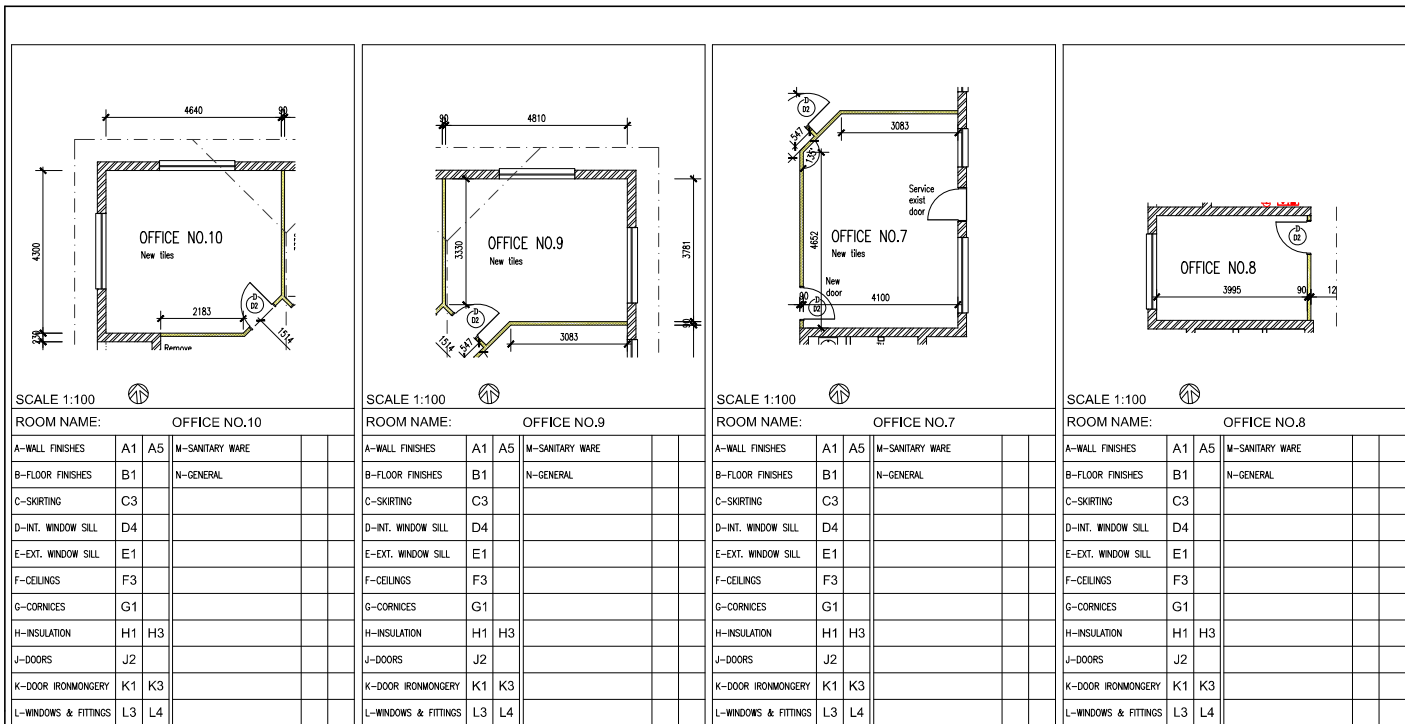
Tender number	14-2020/21
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Drawing title	NEW GUARD HOUSE:
FLOOR PLAN	
SECTION C-C	
ELEVATIONS	

Ref. no.	—	designed	C.F.M.
scale	AS SHOWN	drawn	L.M.

date	09/07/2024	checked	C.F. MOCKE
drawing number			

633x2x2_RA



A WALL FINISHES

A1 PREPARATION OF EXISTING PAINTED WALLS (AS PER PAINT MANUFACTURERS SPECIFICATION MANUAL)	A2 EXIST. TILED WALL	A3 PLASTERED WALL PAINTED (100% ACRYLIC PVA PAINT)
- STRIP WALLS OF ALL PAINT TO 1.2m HIGH FROM F.F.L. PREPARE PER MANUFACTURER SPEC'S & SEAL WITH APPROVED DAMP SEAL.	- REMOVE ALL EXISTING WALL TILES	- EXISTING WALLS PREPARED AS FOR "A1"
- REPAIR SURFACE WITH TREADY-MIXED RESIN BOUND FILLER IN PASTE FORM O.S.A.	- 200x200x10mm THICK FIRST GRADE CERAMIC TILES FIXED TO WALLS WITH APPROVED TILE ADHESIVE IN STRICT ACCORDANCE WITH MAN. SPEC.	- NEW WALLS PLASTERED WITH ONE COAT 1:5 CEMENT PLASTER FINISHED WITH A STEEL TROWEL TO A SMOOTH SURFACE.
- SAND TO A SMOOTH AND EVEN SURFACE	- TO U/S OF CEILING COLOUR: MATT WHITE	- PREPARE AND APPLY ONE COAT APPROVED PLASTER PRIMER
- APPLY 1x ALKALI RESISTANT UNDERCOAT	- JOINTS TO BE FILLED WITH WHITE TILE GROUTING.	- 1x UNIVERSAL UNDERCOAT
- FINISH AS DESCRIBED	- TOP OF TILES FINISHED WITH APPROVED AL. FINISHING STRIP	- 2x COATS 100% SABS APPROVED WASHABLE ACRYLIC PVA PAINT. TYPE DAUX O.S.A.
	- ALL EXPOSED CORNERS FINISHED WITH APPROVED ALUM. SQUARE EDGE TRIM	- COLOUR AS PER ARCHITECT.
A4 PLASTERED WALL (ENAMEL PAINT)	A5 DRYWALL WALL	A7 NEW BRICK-WALL, PLASTERED AND PAINTED (ENAMEL PAINT)
- EXISTING WALLS PREPARED AS FOR "A1"	- REMOVED DAMAGED PANELS AND REPLACE WITH NEW DRYWALL COMPLETE WITH APPROVED ACOUSTIC INSULATION	- NEW WALL IN STRETCHER BOND WITH BRICK-FORCE REINFORCEMENT EVERY 5th COURSE.
- NEW WALLS PLASTERED WITH ONE COAT 1:5 CEMENT PLASTER, FINISHED WITH A STEEL TROWEL TO A SMOOTH SURFACE.	- INSTALL AS PER MANUFACTURES SPECIFICATIONS, FINISH AS FOR A3.	- NEW WALLS PLASTERED WITH ONE COAT 1:5 CEMENT PLASTER, FINISHED WITH A STEEL TROWEL TO A SMOOTH SURFACE.
- PREPARE AND APPLY ONE COAT APPROVED PLASTER PRIMER		- PREPARE AND APPLY ONE COAT APPROVED PLASTER PRIMER
- 1x UNIVERSAL UNDERCOAT		- 1x UNIVERSAL UNDERCOAT
- 2x COATS EGGSHELL ENAMEL TO COMPLY WITH SABS SPECIFICATION 630 TYPE 2.	A6 DAMP ON PLASTERED WALLS	- 2x COATS EGGSHELL ENAMEL TO COMPLY WITH SABS SPECIFICATION 630 TYPE 2.
- COLOUR AS PER ARCHITECT.	- SHOULD RISING DAMP BE FOUND ON PLASTERED WALLS, SUCH SHOULD BE BROUGHT TO ARCHITECTS ATTENTION FOR INSPECTION AND INSTRUCTION ON HOW TO TREAT SUCH DAMP.	- COLOUR AS PER ARCHITECT.

B FLOOR FINISHES

B1 PREPARE EXISTING FLOORS	B2 VINYL TILES	B3 SLIP-FREE CERAMIC TILES
- CHIP-OFF EXISTING FLOOR TILES TO A ROUGH SURFACE TO RECEIVE NEW TILES.	- EXISTING SCREED TO BE MADE GOOD WHERE REQUIRED, FINISHED TO A SMOOTH SURFACE WITH A STEEL TROWEL TO A TOTAL FLOOR THICKNESS OF 30mm.	- APPROVED AND SELECTED SLIP-FREE CERAMIC FLOOR TILES LAD IN EXTERNAL USE TYPE APPROVED TILE ADHESIVE TO A TOTAL FLOOR FINISH OF 30mm.
- WHERE REQUIRED I.E. BADLY CRACKED, CHIP-UP EXISTING SCREED AND SURFACE BED AND MAKE GOOD TO SMOOTH AND EVEN SURFACE.	- NEW 300x300x2.5mm THICK FULLY FLEXIBLE APPROVED HEAVY DUTY VINYL FLOOR TILES, LAD ON SCREED WITH APPROVED ADHESIVE STRICTLY TO MANUFACTURERS SPECIFICATION.	- TAKING INTO ACCOUNT A MIN. 20mm THICK 1:4 CEMENT SAND SCREED FINISHED AND PREPARED FOR TILES WITH A WOOD FLOAT.
- PREPARE FOR NEW APPROVED NON-SLIP PORCELAIN TILES COMPLETE WITH TILE-IN EXPANSION JOINTS AND THRESHOLD STRIPS WHERE REQUIRED AL. INSTALLED IN STRICT ACCORDANCE WITH TILE SUPPLIERS' DATA SHEET	- COLOUR AS DETERMINED BY ARCHITECT.	- TILE JOINTS NOT EXCEEDING 6mm AND FILLED WITH APPROVED JOINT FILLER. FLOOR TILES IN PATTERN AS PER ARCHITECT.
		- STAR NOSING FINISHED WITH ALUMINIUM TILE-IN STAR NOSING WITH REEDED TOP FINISH AND INSIDE INSTALLED AS PER MANUFACTURER.
B4 NON-SLIP PORCELAIN TILES	B5 CONCRETE APRONS	B6 EXISTING FLOOR FINISH
- 600x600x10mm THICK APPROVED AND SELECTED FLOOR TILES LAD IN APPROVED TILE ADHESIVE TO A TOTAL FLOOR FINISH OF 30mm, TAKING INTO ACCOUNT A MIN. 20mm THICK 1:4 CEMENT SAND SCREED FINISHED AND PREPARED FOR TILES WITH A WOOD FLOAT.	- 75mm THICK 20mpa MASS CONCRETE APRON/WALKWAY WITH FALL TO OUTSIDE ON COMPACTED FILLING TO 91 MOD. AGGREGATE, FINISHED WITH STEEL TROWEL AND CAST IN WET/DRY PATTERN. PANELS SIZES NOT EXCEEDING 8m².	- STRIP AND CLEAN EXISTING FINISH, MAKE GOOD WHERE REQUIRED
- ALLOW FOR TILE JOINTS NOT EXCEEDING 6mm AND FILLED WITH APPROVED JOINT FILLER. FLOOR TILES IN PATTERN AS PER ARCHITECT		
- ALLOW FOR MOVEMENT AND EXPANSIONS JOINTS AS PER TILE MANUFACTURERS SPECIFICATIONS WHERE NECESSARY.		
- STARS NOSING FINISHED AS PER B3		

C SKIRTING AND FINISHES

C1 EXISTING TIMBER SKIRTING	C2 TILED SKIRTING	C3 MERANTI SKIRTING
- EXISTING TIMBER SKIRTING TO BE CAREFULLY REMOVED	- 300x150x10mm CERAMIC OR PORCELAIN TILE SKIRTING AT FLOOR COMPLETE WITH JOINTING FITTED TO WALL/FLOOR WITH APPROVED TILE CEMENT.	- PROFILED 75x19mm MERANTI
- REMOVE ALL EXISTING FINISHES.	- PROVIDE SABS APPROVED SIMILAR TO TYPE "GENESIS MMA" O.S.A. ALUMINIUM MEDIUM DUTY MOVEMENT JOINT STRIPS BETWEEN SKIRTING AND TILES AND AS DETAILLED AT FLOOR JOINTS.	- HARDWOOD SKIRTING TO MATCH EXISTING, NAILED TO WALL, ALL NAILS DRIVEN, STOPPED AND SKIRTING PROPERLY SANDED DOWN.
- MAKE GOOD WHERE DAMAGED AND REINSTATE AS PER C3 AFTER INSTALLATION OF NEW FLOOR FINISH		- FINISHED WITH ONE COAT SANDING SEALER PLUS TWO COATS EGGSHELL POLYURETHANE VARNISH.
		- SAND LIGHTLY BETWEEN COATS.
C4 GRANULITHIC SKIRTING		
- 70-150 HIGH x10mm THICK EXISTING GRANULITHIC SKIRTING TO BE CHIPPED-OFF WHERE DAMAGED AND BE REINSTATE TO A GOOD FINISH.		

D INTERNAL WINDOW CILLS

D1 NEW PRE-CAST WINDOW CILL	D2 TILED CILL	D3 CERAMIC TILES (NOT SLOPING)
- REMOVE EXISTING WINDOW AND CILL	- REMOVE ALL EXISTING TILES	- 300x300x10mm THICK FIRST GRADE CERAMIC/PORCELAIN TILES WINDOW CILL (NOT SLOPING) USE PVC EXTERNAL CORNER STRIPS. COLOUR BY ARCHITECT.
- INSTALL NEW CONC. WINDOW CILL TYPE "MODCON-24" O.S.A	- 200x200x10mm THICK FIRST GRADE CERAMIC TILES FIXED TO WALLS WITH APPROVED TILE ADHESIVE IN STRICT ACCORDANCE WITH MAN. SPEC.	
- APPLY 2x COATS HIGH GLOSS ENAMEL TO COMPLY WITH SUPPLIER SPEC'S.	- TO U/S OF CEILING COLOUR: MATT WHITE	
- COLOUR AS PER ARCHITECT.	- JOINTS TO BE FILLED WITH WHITE TILE GROUTING.	
	- TOP OF TILES FINISHED WITH APPROVED AL. FINISHING STRIP	
	- ALL EXPOSED CORNERS FINISHED WITH APPROVED ALUM. L-ANGLE EDGE TRIM	

E EXTERNAL WINDOW CILLS

E1 EXISTING PRE-CAST WINDOW CILL	E2 FIBRE CEMENT WINDOW SILL (SLOPED)	E3 CERAMIC TILES
- CLEAN EXISTING WINDOW FRAME AND APPLY 1x UNIVERSAL UNDERCOAT	- 150x12m THICK FIBRE CEMENT INTERNAL WINDOW SILL WITH FINING CLIPS SCREW FIXED FROM BELOW AND BEDDED IN A CEMENT SAND MORTAR MIX OF 1:4 MIXING PROPORTION.	- 200x200x10mm THICK SLOPING CERAMIC TILE CILL TO ARCHITECT'S APPROVAL, BEDDED IN 1:4 CEMENT MORTAR.
- APPLY 2x COATS HIGH GLOSS ENAMEL TO COMPLY WITH SUPPLIER SPEC'S.	- PREPARE AND APPLY 1x COAT ALKALI RESISTANT PRIMER	- ALLOW FOR 375 MICRON "BRICK GRP" O.S.A. DAMP PROOF COURSE.
- COLOUR AS PER ARCHITECT.	- APPLY 1x UNIVERSAL UNDERCOAT	
- NEW CILL TO MATCH EXISTING	- APPLY 2x TWO COATS ACRYLIC PVA TO ENTIRE CEILING.	
	- COLOUR BY ARCHITECT.	

F CEILING FINISHES

F1 ACOUSTIC SUSPENDED CEILING TO MATCH EXISTING:	F2 CONCRETE SLAB (RECTIFY)	F3 NEW FIBRE CEMENT CEILINGS AND REPLACE EXISTING:
- 1200x600mm NON-COMBUSTIBLE INORGANIC GLASS WOOL, BONDED WITH INTER THERMOSETTING RESIN BINDER FINISH TO MATCH EXISTING O.S.A ACOUSTIC SUSPENDED CEILING, SUSPENDED FROM ROOF WITH 4mmØ SUSPENSION RODS AND SABS REATED CORNICE ANGLE.	- EXISTING CEILING TO BE RE-PLASTERED IN AREAS WHERE DAMAGED WITH ONE COAT 1:4 CEMENT PLASTER FINISHED TO A SMOOTH FINISH WITH A WOODEN TROWEL.	- 6mm THICK x1200mm WIDE FIBRE CEMENT CEILING BOARDS (IN MILD STEEL H-PROFILE JOINT STRIPS) FIXED TO 38x38 BRANDING BY MEANS OF 32mm LONG GALV. NAILS WHICH ARE DRIVEN AT RIGHT ANGLES TO TRUSS BEAMS AT MAX. 400mm CENTRES. METAL STRIPS & NAILS PREPARED WITH APPROVED METAL UNDERCOAT.
- ALL TO BE INSTALLED BY SPECIALISTS, STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.	- PREPARE AND APPLY 1x COAT ALKALI RESISTANT PRIMER	- PREPARE SURFACE AND STOP ALL HOLES WITH APPROVED INTERIOR FILLER.
	- APPLY 1x UNIVERSAL UNDERCOAT	- APPLY 2x COATS SABS. APPROVED ALKALI-RESISTANT 100% ACRYLIC PVA PAINT.
	- COLOUR BY ARCHITECT.	- ALL EXISTING TRAPDOORS TO BE REMOVED AND REPLACED WITH HEAVY DUTY STEEL TRAPDOOR, PRE-PAINTED FINISH, COLOUR WHITE.

G. CORNICES AND FINISHES

G1. POLYSTYRENE COVE CORNICE (STANDARD)	G2. EXISTING TIMBER CORNICE	G3. EXISTING CEILING:
- NEW 75x125mm APPROVED POLYSTYRENE COVE CORNICE GLUED TO WALL WITH APPROVED ADHESIVE.	- EXISTING DAMAGED TIMBER CORNICES TO BE REMOVED, AND REPLACED WITH NEW CORNICE TO MATCH EXISTING.	- PREPARE AND CLEAN ALL SURFACES, APPLY 2 X COATS APPROVED ACRYLIC PVA PAINT. COLOUR WHITE.
- INSTALLATION TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.	- INSTALLATION TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.	

H INSULATION.

H1 SISALATION: ROOF SANDWICH TO HAVE TOTAL R-VALUE 2.7(m²K)/W	H2 STRUCTURACORD INSULATION.	H3 130mm FIBRE-GLASS WOOL INSULATION: ROOF SANDWICH TO HAVE TOTAL R-VALUE 2.7(m²K)/W	H4 EXISTING ROOF TILES	H5 ACOUSTIC PANELING (wall fixed)
- STANDARD FRAX30 INDUSTRIAL GRADE SUPER SISALATION UNDER PURLINS ON 4mm GALVANIZED STRAPPING WIRES AT 200mm C/C, LAD IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.	- 20mm THICK STRUCTURACORD INSULATION INSTALLED ON TOP OF ROOF SLAB UNDER SCREED.	- 130mm THICK FIBRE-GLASS WOOL INSULATION BLANKET, INSTALLED ABOVE CEILING, WITHOUT ANY GAPS.	- RE-USE EXISTING ROOF TILES	- AFFIX 100x500mm CCA treated S.A Pine timber lengths vertically, spaced 600mm apart, commencing 100mm nominal above floor level and extending upwards to 200mm nominal below the ceiling.
		- INSULATION TO COMPLY WITH SANS10400a FIRE AND SMOKE REQUIREMENTS.	- NEW TILES TO MATCH EXISTING	- Place and affix open mesh (chicken wire) directly over the CCA treated S.A Pine timber, running horizontally, over the mesh into the timber below.
		- ALLOW FOR 150mm HIGH SPACERS AT ALL LIGHT FITTINGS		- Insert 1200x600x50 Snowonw bolts into the grid formed by the timber, to fill the entire grid from wall to wall.

J DOORS.

J1 EXISTING DOORS AND DOOR FRAMES IN GOOD CONDITION:	J2 EXISTING DOORS TO BE REPLACED AS PER DOOR SCHEDULE:	J3 NEW DOOR AS PER DOOR SCHEDULE:
- SERVICE HINGES AND DOOR FURNITURE	- REMOVE AND REPLACE DAMAGED EXISTING DOOR AS PER DOOR SCHEDULE.	- SUPPLY AND INSTALL NEW DOOR AS PER SCHEDULE
- SCREW FIX AND GLUE 3mm THICK TEMPERED HARDBOARD BACKING BOARD TO EXISTING Z-BRACED DOORS.	- SAND AND PREPARE EXISTING DOORS	- SUPPLY AND INSTALL NEW IRONMONGERY AS PER DOOR SCHEDULE
- PAINT WITH 1x UNIVERSAL UNDERCOAT	- FINISH WITH 2x COATS HIGH GLOSS ENAMEL TO COMPLY WITH SABS SPECIFICATION 630 TYPE 2.	- FINISHED AS PER SCHEDULE
- COLOUR AS PER ARCHITECT		

K DOOR FITTINGS & IRONMONGERY

K1 DOOR STOP:	K2 DOOR CLOSER:	K3 DOOR FURNITURE:
- SUPPLY AND INSTALL STAINLESS STEEL HALF-ROUND DOORSTOP AS PER APPROVED DPI SPEC.	- SUPPLY AND INSTALL DOOR MOUNTED SLIDE-ARM DOOR CLOSER.	- DOOR TO RECEIVE SABS APPROVED CYLINDER LOCKSET WITH A MASTER KEY SYSTEM.
- IRONMONGERY AS PER SCHEDULE.	- SUPPLY AND INSTALL APPLICABLE TYPE 150x150 ENGRAVED ALUMIUM TOILET SIGNAGE.	

L WINDOWS & FITTINGS.

L1 EXISTING WINDOWS TO BE REPLACED:	L2 DAMAGED GLAZING:	L4 BROKEN WINDOW PANES:
- REMOVE EXISTING WINDOW FRAMES	- ALL BROKEN GLASS TO BE STRIPPED-OUT OF WINDOW FRAME	- REMOVE ALL DAMAGED WINDOW GLASS AND OLD PUTTY, INSTALL NEW GLASS TO WINDOW TO COMPLY WITH SABS 1014, ALLOW NEW PUTTY TO DRY, APPLY 2 COATS OF HIGH GLOSS ENAMEL PAINT. PAINT COLOUR TO MATCH OTHER WINDOWS.
- MAKE GOOD ALL FINISHES	- SUPPLY AND PUTTY IN NEW GLAZING TO COMPLY TO SANS 10137	
- SUPPLY AND INSTALL PRE-CAST SILLS	- ALL TOILETS GLAZING TO BE APPROVED OBSCURE GLAZING.	
- NEW ALUMINIUM WINDOW BY SPECIALIST		
- GLAZING TO COMPLY WITH SANS 10137		

M SANITARY WARE

M1 "VAL-HIBISCUS" W/C	M2 "VAL HIBISCUS 7050"	M3 WALL HUNG URINAL	M4 INSET SINK (SINGLE COUPE BOWL).
- PROVIDE "VAL-HIBISCUS" W/C CODE 772601 PNL. CLOSE COUPLED, COMPLETE WITH MATCHING 98mm CISTERN AND HEAVY DUTY PLASTIC TOILET SEAT & L.D.	- "VAL - HIBISCUS" WHITE VITREOUS CHINA BSN (PRODUCT CODE 7050) WITH ONE TAPSOLE (RHS) INCLUDING INTEGRATED OVERFLOW AND CHAINSTAY	- CERBERA SILENT URINAL, WALL-HUNG, IN DIE-CAST SINK ALLOY WITH FLUSH RM, HIDDEN TRAP, HIDDEN EXISTING, UNIT TO BE MOUNTED TO THE WALL COMPLETE WITH GIBERT URINAL FLUSH CONTROL WITH ELECTRIC FLUSH ACTUATION, MANS OPERATION COVER PLATE	- 38mm CHROMED SINK MIXER WITH 80mm FLANGE AND LONG SINK TO FIT 38mm DEEP SEAL RUBBER P-TRAP. ALL COMPLETE WITH CHROMED CHAIN AND PLUG.
- TOILET W/ HOT WATER REGulating VALVE OR SIMILAR EQUAL APPROVED, COMPLETE WITH BRANDED CONNECTOR FITTED UNDER CISTERN TANK.	- SUPPLY AND INSTALL METEERED SABS APPROVED PLUMBING TAP	- SUPPLY "DOBRA" STAR SINK MIXER TAP	

N GENERAL

N1 FIRE EXTINGUISHER	N4 REPLACE EXISTING AIR-CONDITIONER	N7 600x450 MIRROR
- SUPPLY 9kg. CHEMICAL DRY POWDER FIRE EXTINGUISHER INSTALLED IN APPROVED POWDER COATED LOCKABLE STEEL CABINET FIXED TO WALL AS PER MANUFACTURER & FIRE SIGNAGE AS REQUIRED.	- REPLACE EXIST. DAMAGED AIR-CONDITIONER WITH NEW WALL MOUNTED HEAT PUMP SPLIT-UNIT A/C AS PER SPEC.	- 600x450x6mm THICK SABS APPROVED MIRROR WITH BUILDING PAPER AT BACK FIXED AGAINST WALL WITH FOUR C.P. CAPPED MIRROR SCREWS IN POSITION AS SHOWN ON DETAIL LAYOUTS.
	- SIZE TO BE DETERMINED BY m3 REQUIREMENTS	
N2 CORNER GUARD	N5 SOAP DISPENSER	N8 ELECTRIC HAND-DRYER
- SUPPLY AND INSTALL 1.8m HIGH x 75x75 SABS APPROVED PVC CORNER GUARD SIMILAR TO TYPE "GENESIS - ACOSPT" OR SIMILAR APPROVED, IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.	- STAINLESS STEEL WALL MOUNTED SOAP DISPENSER Ø 1200mm HIGH APTL, PROVIDE SAMPLE FOR APPROVAL	- SUPPLY AND INSTALL NEW ELECTRIC SURFACE MOUNTED HEAVY DUTY HAND DRYER IN DIE-CAST SINK ALLOY WITH ELECTROSTATICALLY APPLIED EPOXY PAINT AND FASTENED TO A WALL PLATE WITH 2X CHROME PLATED TAMPERPROOF BOLTS. WALL PLATE TO BE EQUIPPED WITH 20mm ØH HOLES, ONE OF WHICH SHALL BE SUITABLE FOR USE WITH SURFACE CONDUIT, FOR EASE OF WIRING. ALL INTERNAL PARTS TO BE PROPERLY COATED ACCORDING TO ARCHITECT. ENTIRE MECHANISM TO BE INTERNALLY GROUND.
- COLOUR AS PER ARCHITECT		- DRYERS INSTALLED AT 1300mm HIGH.
N3 BUMPER GUARDS	N6 LOCKABLE TOILET PAPER HOLDER	N9 EXISTING SANITARY WARE
- SUPPLY AND INSTALL 150mm HIGH PVC BUMPER SABS APPROVED GUARDS SIMILAR TO TYPE "GENESIS -K80150" OR SIMILAR APPROVED 850mm HTL IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.	- LOCKABLE TOILET PAPER ROLL AT 679mm HIGH.	- ADD CLEAN EXISTING SANITARY WARE AND SERVICE ALL FITTINGS
- COLOUR AS PER ARCHITECT.	- PROVIDE SAMPLE FOR APPROVAL	- SEE SANITARY SCHEDULE TO SEE WHICH GETS REPLACED.

NO.	DATE	REVISIONS	D.O.M.
NO.	DATE	REVISIONS	D.O.M.
A	12/02/24	ISSUED FOR INFORMATION	LM

cad file name	page type
Y:\600-699\633 MUNICIPALITY_NANCEFIELD	A1

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consultant/department:	consultant/department:
OSGLO ARCHITECTS - ARCHITECTS	254 EDWARDS STREET, LOUIS TRICHARDT, 0800 P.O. BOX 1210, LOUIS TRICHARDT, 0800 TEL: 015-916 5101 FAX: 015-916 1057

discipline	ARCHITECTURE
service	REPAIRS AND RENOVATIONS TO EXISTING BUILDING FOR MUSINA MUNICIPALITY ON SITE NO: 1066 OF NANCEFIELD TOWNSHIP

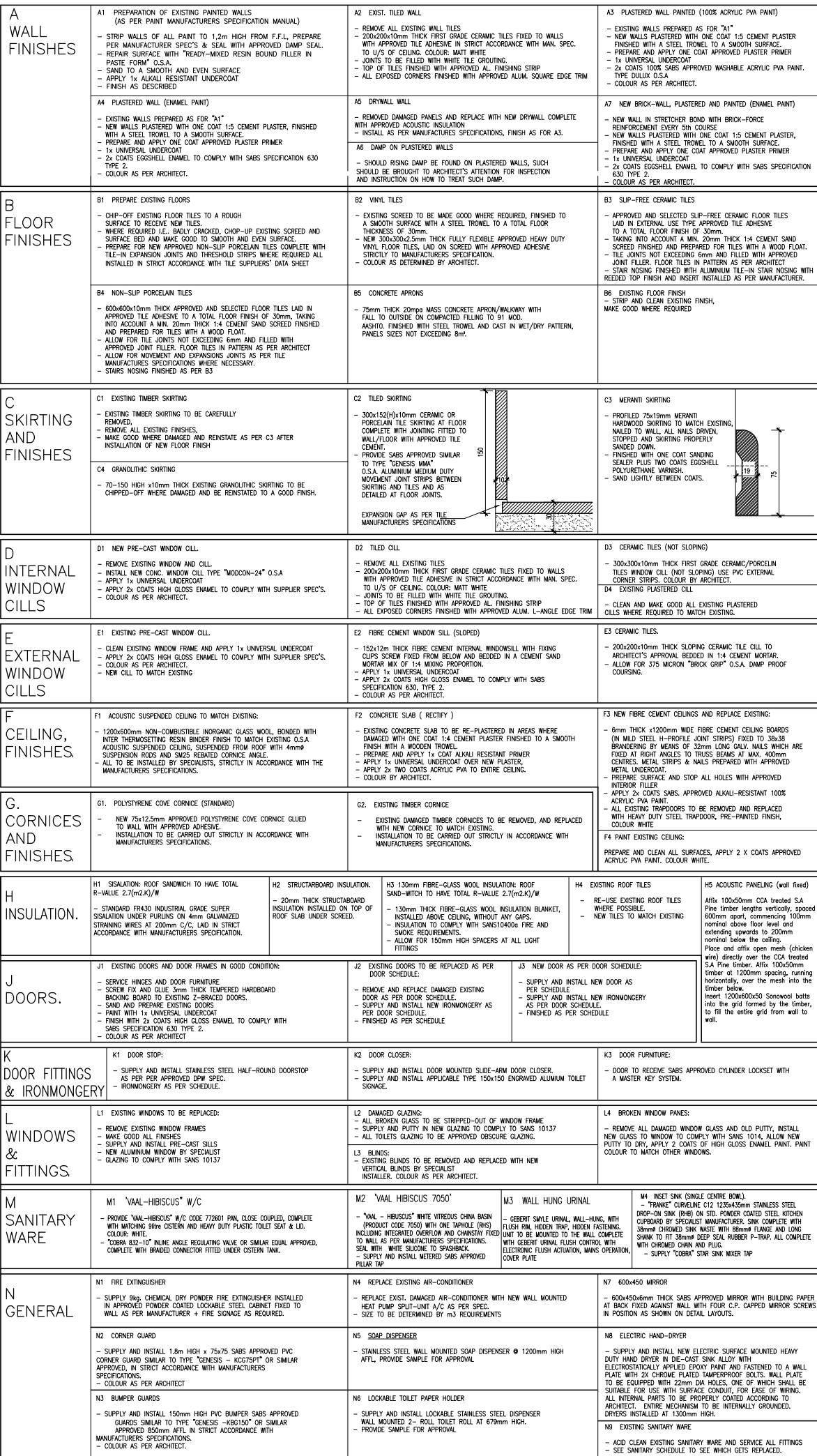
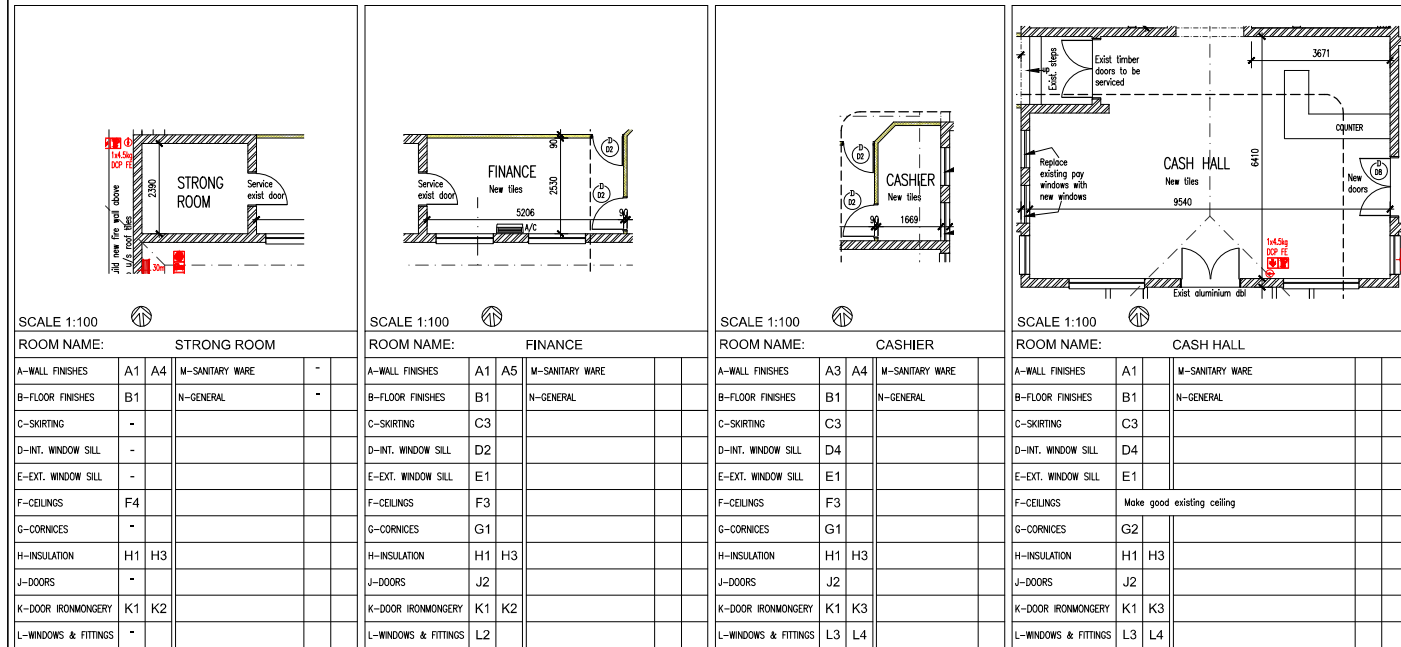
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Drawing title	DATA SHEET - 1
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scale	1 : 100	drawn	LM

date	30/01/2024	checked	C.F. MOOKE
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drawing number	633x5x1_RA
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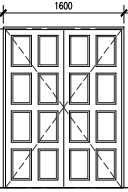
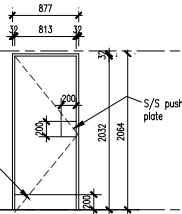
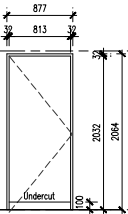
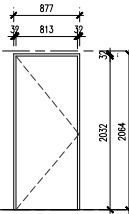
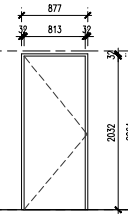
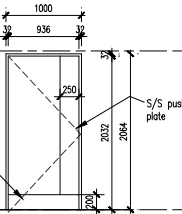
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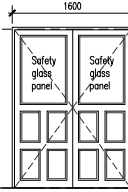
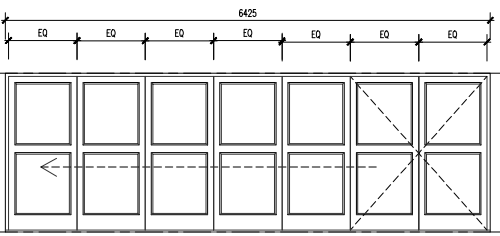
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discipline		ARCHITECTURE	
service			
REPAIRS AND RENOVATIONS TO EXISTING BUILDING FOR MUSINA MUNICIPALITY ON SITE NO: 1066 OF NANCEFIELD TOWNSHIP			
Tender number		14-2020/21	
Drawing title		DATA SHEET - 2	
Ref. no.	-	designed	C.F.M.
scale	1 : 100	drawn	L.M
date	30/01/2024	checked	C.F. MOCKE
drawing number			
633x5x2_RA			

DOOR SCHEDULE

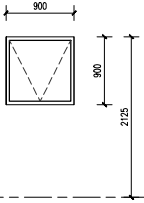
Scale 150

							
DOOR NUMBER	D1	D2	D3	D4	D5	D6	D7
DOOR DESCRIPTION	HARDWOOD TIMBER DOUBLE DOORS WITH SOLID RAISED AND FIELDED 8 PANEL LEAF TO MATCH EXISTING.	STANDARD 44mm THICK SEMI-SOLID DOOR (SABS 545) WITH 3mm THICK TEMPERED HARDWOOD SIDES AND CONCEALED HARDWOOD EDGES. ALL AS PER (PWS71 SECTION 8.3.3).	NEW STANDARD 44mm THICK SEMI-SOLID DOOR (SABS 545) WITH 3mm THICK TEMPERED HARDWOOD SIDES AND CONCEALED HARDWOOD EDGES. ALL AS PER (PWS71 SECTION 8.3.3).	40mm THICK SEMI-SOLID CORE FLUSH PANEL DOOR (SABS 545) WITH 3mm THICK VENEER SIDES AND EDGES AND CONCEALED HARDWOOD EDGES. SUITABLE FOR PAINTING.	40mm THICK TIMBER SOLID CORE DOOR (SABS 545), SUITABLE FOR PAINTING.	STANDARD 1.6mm THICK SINGLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100MM BUTT HINGES.	NEW STANDARD 44mm THICK SEMI-SOLID DOOR (SABS 545) WITH 3mm THICK TEMPERED HARDWOOD SIDES AND CONCEALED HARDWOOD EDGES. ALL AS PER (PWS71 SECTION 8.3.3).
FRAME DESCRIPTION	EXISTING: - REPLACE EXISTING FRAME WHERE NECESSARY	ALUMINIUM DOOR FRAME, COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH HINGES.	EXISTING FRAME	EXISTING FRAME	STANDARD 1.6mm THICK SINGLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100MM BUTT HINGES.	STANDARD 1.6mm THICK SINGLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100MM BUTT HINGES.	STANDARD 1.6mm THICK SINGLE REBATED MILD STEEL DOOR FRAME, (SABS 727) COMPLETE WITH FIXING ANCHORS. FRAME COMPLETE WITH ONE PAIR STANDARD 100MM BUTT HINGES.
FRAME FINISH	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	POWDER COATED. COLOUR BY ARCHITECT	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT
DOOR FINISH	APPLY 1x COAT SANDING SEALER AND 3x COATS TINTED POLYURETHANE SUEDE VARNISH. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE AS PER PAINT MANUFACTURERS SPECIFICATIONS, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE AS PER PAINT MANUFACTURERS SPECIFICATIONS, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE AS PER PAINT MANUFACTURERS SPECIFICATIONS, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE, SAND AND CLEAN. APPLY 1x COAT "DULUX" UNDERCOAT, SAND LIGHTLY. APPLY 2x COATS "DULUX" ULTHANE GLOSS ENAMEL PAINT IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATION MANUAL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE AS PER PAINT MANUFACTURERS SPECIFICATIONS, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	PREPARE AS PER PAINT MANUFACTURERS SPECIFICATIONS, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.
IRONMONGERY	AS PER IRONMONGERY SCHEDULE	AS PER IRONMONGERY SCHEDULE SUPPLIED WITH MASTERKEYED CYLINDER LOCKSET + RUBBER DOOR STOP	0.8mm THICK BRUSHED S/S KICK AND PUSH PLATES AS INDICATED ON OUTSIDE FIXED WITH MATCHING RECESS SCREWS COMPLETE AND "DORMA" TH 120/BP PULL HANDLE ON INSIDE FACE ONLY AND DOOR CLOSER.	"DORMA" DMC-005 BATHROOM WC INDICATOR AND DHC-SS-031-B COAT HOOK	AS PER IRONMONGERY SCHEDULE	AS PER IRONMONGERY SCHEDULE	0.8mm THICK BRUSHED S/S KICK AND PUSH PLATES AS INDICATED ON OUTSIDE FIXED WITH MATCHING RECESS SCREWS COMPLETE AND "DORMA" TH 120/BP PULL HANDLE ON INSIDE FACE ONLY AND DOOR CLOSER.

		
DOOR NUMBER	D8	D9
DOOR DESCRIPTION	HARDWOOD TIMBER DOUBLE DOORS WITH TOP GLASS PANEL. GLAZING TO COMPLY WITH SANS 10137	PURPOSE MADE TIMBER SLIDING STACKING FOLDING DOORS BY SPECIALIST/MANUFACTURER.
FRAME DESCRIPTION	EXISTING: - REPLACE EXISTING FRAME WHERE NECESSARY	HARDWOOD TIMBER FRAME AS SUPPLIED WITH DOORS
FRAME FINISH	PREPARE AS PER PAINT MANUFACTURER'S SPECIFICATIONS. 1x FACTORY PRIMER, 1x UNIVERSAL UNDERCOAT, 2x FINAL COATS HIGH GLOSS ENAMEL. COLOUR: BY ARCHITECT	TO MATCH DOOR FINISH
DOOR FINISH	APPLY 1x COAT SANDING SEALER AND 3x COATS TINTED POLYURETHANE SUEDE VARNISH. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.	APPLY 1x COAT SANDING SEALER AND 3x COATS TINTED POLYURETHANE SUEDE VARNISH. SAND LIGHTLY BETWEEN COATS. COLOUR BY ARCHITECT.
IRONMONGERY	AS PER IRONMONGERY SCHEDULE	AS PER IRONMONGERY SCHEDULE

WINDOW SCHEDULE

Scale 150

	900x900 High 
WINDOW NO.	W5
FRAME DESCRIPTION	STANDARD 900x900 STEEL TOP HUNG WINDOW, AS MANUFACTURED BY "WISPECO"
FRAME FINISH	PREPARE AND APPLY ONE COAT ZINC CHROMATE PRIMER ONE COAT UNIVERSAL UNDER COAT AND TWO COATS GLOSS ENAMEL. COLOUR TO MATCH EXISTING
FITTINGS	NYLON LOCKING HANDLES AND S/S FRICTION STAYS AS SUPPLIED BY MANUFACTURER.
GLAZING	BRONZE OPAQUE GLASS HELD IN POSITION BY PUTTY TO COMPLY WITH WITH SANS 10137.

NO. N.	DATE DATUM	REVISIONS WISCONSINS	D.O.M. P.M.D.
A	05/02/24	ISSUED FOR INFORMATION	LM

cad file name	page type
Y:\600-699\633 MUNICIPALITY_NANCEFIELD	A1

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SACP Reg. No:	7187
REGISTRATION CATEGORY:	PR. ARCH.

acad taking room/acad drawing name:
Y:\600-699\633 MUNICIPALITY_NANCEFIELD\633KALL

konsultant/departement:	consultant/departement:
	

discipline	ARCHITECTURE
service	REPAIRS AND RENOVATIONS TO EXISTING BUILDING FOR MUSINA MUNICIPALITY ON SITE NO: 1066 OF NANCEFIELD TOWNSHIP

Tender number	14-2020/21
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Drawing title	DOOR AND WINDOW SCHEDULE
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Ref. no.	—	designed	C.F.M.
scale	AS SHOWN	drawn	LM
date	30/01/2024	checked	C.F. MOOKE
drawing number	633x11x1_RA		