



TSWAING LOCAL MUNICIPALITY

PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

TENDER DOCUMENT

JULY 2021

ISSUED BY: TSWAING LOCAL MUNICIPALITY
P. O. BOX 24
Delaareyville
2770
Contact: 053 948 1630

NAME OF TENDERER:
CIDB CRS NUMBER:
CSD MAAA NUMBER:

Prepared by:



Bodibe Consulting Engineers (Pty) Ltd
P.O. Box 1793
Lichtenburg
2740

Contact: William Moile

Tel No: 018 632 0306

Mobile: 073 874 8712

Website: www.bodibeconsulting.co.za

E-mail: info@bodibeconsulting.co.za

TSWAING LOCAL MUNICIPALITY



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CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

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T1.2 TENDER DATA

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement (May 2010) (Available on www.cidb.co.za).

The Tender Data makes several references to the CIDB Standard Conditions of Tender for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the CIDB 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 No.	
F.1.1	The Employer is: Tswaing Local Municipality P O Box 24 Delareyville 2770
F.1.2	The tender document's contents are as follows: Part T1 : Tendering Procedures T1.1 Tender Notice and invitation to tender (WHITE) T1.2 Tender Data (PINK) Part T2: Returnable Documents T2.1 List of Returnable documents (YELLOW) T2.2 Returnable schedules (YELLOW) THE CONTRACT Part C1: Agreements and Contract Data C1.1 Form of Offer and Acceptance (YELLOW) C1.2 Contract Data (YELLOW) C1.3 Form of Guarantee (YELLOW) Part C2: Pricing Data C2.1 Pricing Instructions (YELLOW) C2.2 Bill of Quantities (YELLOW) Part C3: Scope of Work C3 Scope of Work (BLUE) Part C4: Site Information C4 Site Information (GREEN) Part C5: Additional Relevant Documents (WHITE)

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F1.3	Interpretation The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these tender conditions.	
F.1.4	The Employer's Representative is:	Me Gomolemo Moipolai PMU Manager Tel: 053 948 1630
	Attention is drawn to the fact that verbal communication given by the Employer's representative prior to the close of tenders will not be regarded as binding on the employer. Only information issued formally by the employer in writing to the tenders, under the signature of the Accounting Officer or his nominee will be regarded as amending the tender documents. Tender offer communicated on paper shall be submitted as an original. In the event that no correspondence or communication is received from the TLM within ninety (90) days after the stipulated closing date and time of the tender, the tender proposal will be deemed to be unsuccessful.	
F.1.5.1	Reject or Accept The Employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such a cancellation and rejection, but will give written reasons for such action upon written request to do so.	
F.2.1	Eligibility Only those tenderers who satisfy the following criteria are eligible to submit tenders:	
	Only those Tenderers who are registered with the Construction Industry Development Board (CIDB), in a Contractor grading designation equal to 5GB or higher than 5GB class construction work, are eligible to have their tenders evaluated. Joint Ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than 5GB class of construction work. 3. that both members of the JV be represented at the compulsory clarification meeting. Only tenderers who registered with CIDB and relevant grading are eligible to submit tenders. 4. Prospective Bidder must comply with Circular 81 of MFMA (Registration and Compliance with the CSD)	
F.2.2	Compensation of tendering Accept that the Employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer satisfy requirements.	
F.2.3	Check documents Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.	

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F.2.4	Confidentiality and copyright Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
F.2.5	Reference documents Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.
F.2.6	Acknowledge Addenda Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension of the closing time stated in the tender data, in order to take the addenda into account.
F.2.7	No compulsory clarification meeting will be required: Date: N/A Location: N /A Starting time: N/A No individual should represent more than one tenderer at the compulsory briefing session. Non-completion in full of the fields required on the attendance register may lead to automatic disqualification. All joint venture partners must be individually represented at the compulsory clarification meeting.
F.2.8	Seek clarification Questions or queries must be submitted to the Engineer at least five (5) working days before the stipulated closing date and time of the tender. However, TLM shall not be liable nor assume liability for failure to respond to any questions and / or queries raised by the Tenderer
F.2.10	Pricing the tender State the rates and prices in Rand
F.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 sign next to all such alterations. Erasures and the use of masking fluid are prohibited.
F.2.12	Alternative tender offers Alternative offers may be submitted only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements the tenderer proposes. Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.

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F.2.13	Submitting a tender offer No late, faxed, emailed or other form of tender will be accepted. Completed tenders with attached documents, if any, must be submitted in Black ink in sealed envelopes and clearly marked “SCM 001/2021/22 : CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP” must be placed in Tender Box at Municipal Offices, Tswaing Local Municipality Cnr General Delarey and Government Street, Delareyville. Accept that a tender submitted to the employer cannot be withdrawn or substituted. No substitute tenders will be considered. All tenders received by the Tswaing Local Municipality will remain in the Municipality’s possession until after the stipulated closing date and time.
F.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. Responsive tenders are ONLY those tenders with all documents and pages, contained herein, that have been signed by the responsible person duly authorised to sign all documents indicated on the returnable document “FORM C Authority of Signatory.”
F.2.15	Closing time Closing date: Monday , 09 August 2021 Closing Time: 12h00
F.2.16	Tender offer validity The Tender offer validity period is 90 Days.
F.2.18	Provide other material 1. Proposed Key Personnel The tenderer shall indicate I. All staff positions/titles proposed for the team and the relationship between them II. Names of key professional people, and III. Parent firm abbreviation and in brackets (for JVs) after each professional person The text of this section shall include the concise statement of the duties of each individual of the organisation and the suitability of his/her qualifications for the assignment. In this part of the tender, the Tenderer shall also supply Curriculum Vitae (CV’s) for the Professional Staff named on the organisational chart and working on full time basis for the Tenderer. The CV should follow the normal Professional Format as used by Professional Service Providers. Each CV should give at least the following: ○ Name, Age, parent firm, position in the parent firm and within the organisation of this assignment ○ Educational qualifications

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	○ Relevant experience (actual duties performed, involvement and responsibility), including locations, dates and durations of assignments, starting with the latest. ○ Summary of experience ○ Language proficiency and ○ References (company name, individual name, position held, contact details) The CV must include a statement dated and signed by the individual, indicating his agreement to work on the assignment. Much importance will be placed on the experience of the staff proposed. The Tender must ensure that, if selected, the nominated staff will be assigned as proposed. Failure to do so may result in the annulment of any acceptance of the Tenders' proposal and/ or Agreement entered into by the Client for the execution of the services. 2. Joint Venture arrangements should be in accordance with the CIDB guidelines (D2 or latest version), Joint venture must be constituted by means of a comprehensive and fair, written agreement between the members, which sets out their obligations, rights, risks and rewards. Joint venture members should share at least the following aspects of the joint venture activities in a meaningful and equitable manner: 1. Control 2. Management 3. Operations 4. Risk 5. Profit and Loss The tenderer shall list in the appropriate Forms the appropriate related projects undertaken by the member firms of the tenderer within the last five (5) years. Provide short precise report on 3 completed projects with client – specific evidential information (or consultant specific ONLY in the absence of client specific formats) Please fill in the exact required information, failing which your bid will be rendered non responsive. The tenderer shall provide documentation of company experience of each member of the Consortium/Joint Venture in design, project development, and project management of roads and storm water related projects. The tenderer is required to submit with his tender: Non Submission of the following documents will result in automatic disqualification: (1) a Tax Compliance Status PIN or an original valid Tax Clearance Certificate issued by the South African Revenue Services; and (2) a certified copy of the Company / CC Registration. In case of Joint Venture – both companies / cc to submit registration documentation. (3) In case of Joint Venture – the Joint Venture Agreement. (4) Certified copy of valid Certificate of Good Standing with Compensation Commissioner.
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F.3.4	Opening of tender submissions Tenders will be opened in public on 09 August 2021 at 12:00. Tswaing Local Municipality (TLM) Cnr General Delarey and Government Street, Delareyville.
F.3.6	Non-disclosure After the opening of the tender offers, no information relating to the clarification, determination of responsiveness, evaluation and comparison of tender offers and recommendations concerning the award of the tender shall be disclosed to any other tenderer or persons not concerned with such process until the award of the Tender has been announced by the TLM.
F.3.11	Evaluation of tender offers The Tenderers notice is drawn to the fact that the evaluation, adjudication and awarding of this tender will be in terms of the Supply Chain Management Policy of the TLM and the Preferential Procurement Regulations of 2017. If the Tender does not comply with the Tender conditions, the Tender may be rejected. If specifications are not met, the Tender may also be rejected. <u>With regard to the above, certain actions or errors are unacceptable, and warrants REJECTION OF THE TENDER, for example:</u> ▪ Certified or scanned copies of Tax Clearance Certificates. (Only original tax clearance certificates must be attached to the Tender document). ▪ Non submission of company registration certificates. ▪ Non submission of the offer in the prescribed format ▪ Pages to be completed, removed from the Tender document, and have therefore not been submitted. ▪ Failure to fully complete the schedule of quantities as required. ▪ Failure to fully complete form of offer. ▪ Scratching out without initialling next to the amended rates or information. ▪ Writing over / painting out rates / the use of tippex or any erasable ink, e.g. pencil. ▪ Failure to attend compulsory briefing meetings ▪ The Tender has not been properly signed by a party having the authority to do so, according to the Form C – “Authority for Signatory” ▪ No authority for signatory submitted. ▪ Particulars required in respect of the Tender have not been provided – non-compliance of Tender requirements and/or specifications. ▪ The Tenderer's attempts to influence, or has in fact influenced the evaluation and/or awarding of the contract. ▪ The Tender has been submitted after the relevant closing date and time ▪ If any municipal rates and taxes or municipal service charges owed by that Tenderer or any of its directors to the municipality, or to any other municipality or municipal entity, are in arrears for more than three months. ▪ If any Tenderer who during the last five years has failed to perform satisfactorily on a previous contract with the municipality or any other organ of state after

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	written notice was given to that Tenderer that performance was unsatisfactory. Failure to complete in all returnable schedules and signing thereof will results an automatic disqualification. 2. Size of enterprise and current workload Evaluation of the Tenderer's position in terms of: ▪ Previous and expected current annual turnover ▪ Current contractual obligations ▪ Capacity to execute the contract 3. Staffing profile Evaluation of the Tenderer's position in terms of: ▪ Staff available for this contract being Tendered for ▪ Qualifications, registration and experience of key staff to be utilised on this contract 4. Previous experience Evaluation of the Tenderer's position in terms of his previous experience. Emphasis will be placed on the following: ▪ Experience in the relevant technical field ▪ Experience of contracts of similar size ▪ Some or all of the references will be contacted to obtain their input. 5. Financial ability to execute the contract: Evaluation of the Tenderer's financial ability to execute the contract. Emphasis will be placed on the following: ▪ Contact the Tender's bank manager to assess the Tenderer's financial ability to execute the contract and the Tenderer hereby grants his consent for this purpose. 6. Good standing with SA Revenue Services ▪ Determine whether an original valid tax clearance certificate has been submitted. ▪ The Tenderer <u>must affix an original valid Tax Clearance Certificate</u> to the <u>designated page of the Tender document</u>. If the Tender does not meet the requirements contained in the TLM supply chain Policy, and the mentioned framework, it will be rejected by the Council, and may not subsequently be
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	made acceptable by correction or withdrawal of the non-conforming deviation or reservation. 7. Penalties Tswaing Local Municipality will if upon investigation it is found that a preference in terms of the Act and these regulations has been obtained on a fraudulent basis, or any specified goals are not attained in the performance of the contract, one or more of the following penalties will be imposed: ▪ Cancel the contract and recover all losses or damages incurred or sustained from the Tenderer. ▪ Impose a financial penalty of twice the theoretical financial preference associated with the claim, which was made in the Tender. ▪ Restrict the firm, its shareholders and directors on obtaining any business from the Tswaing Local Municipality for a period of 5 years. 8. Tender evaluation points Tender evaluation points will be allocated as per the Supply Chain Management policy and the preferential procurement policy framework Act, 2000: preferential procurement regulations, 2011 including the following: Preference points for this bid shall be awarded for: (a) Price; and (b) B-BBEE Status Level of Contribution. <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td></td> <td style="text-align: center;">POINTS</td> </tr> <tr> <td>PRICE</td> <td style="text-align: center;">80</td> </tr> <tr> <td>B-BBEE STATUS LEVEL OF CONTRIBUTION</td> <td style="text-align: center;">20</td> </tr> </table> Regulations of disputes, objections, complaints and queries will be handled in accordance with Supply Chain Management Policy of Tswaing Local Municipality.		POINTS	PRICE	80	B-BBEE STATUS LEVEL OF CONTRIBUTION	20
	POINTS						
PRICE	80						
B-BBEE STATUS LEVEL OF CONTRIBUTION	20						
F.3.11.5	The procedure for the evaluation of responsive tenders is Method 4: Financial offer, Quality and Preferences In the case of a financial offer, quality and preferences: a) Score each tender in respect of the financial offer made, preference claimed, if any, and the quality offered in accordance with the provisions of F.3.11.7 to F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any. b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula, unless otherwise stated in the Tender Data: $T_{EV} = N_{FO} + N_P + N_Q$ where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7; N_P is the number of tender evaluation points awarded for preferences claimed in						

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	accordance with F.3.11.8. N_Q is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9. c) Rank tender offers from the highest number of tender evaluation points to the lowest. d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so. e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.
F3.11.9	Scoring quality Score each of the criteria and subcriteria for quality in accordance with the provisions of the Tender Data. Calculate the total number of tender evaluation points for quality using the following formula: $N_Q = W_2 \times S_O / M_S$ where: S_O is the score for quality allocated to the submission under consideration; M_S is the maximum possible score for quality in respect of a submission; and W₂ is the maximum possible number of tender evaluation points awarded for the quality as stated in the tender data

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Functionality Table

CRITERIA		POINTS	
		MAX	
PROJECT TEAM		40	
Contract Manager		20	
	N. Dip: Civil + 10 Years Experience or B-Tech Civil + 5 Years Experience	10	
	B-Tech Civil + 10 Years Experience	20	
Site Agent		10	
	No Qualification: with/plus	0	
	Qualification at least N. Dip Civil Eng.: with/plus	2	
	< 5 Years Experience in Construction Industry	2	
	5 to 10 Years Experience in Construction Industry	6	
	> 10 Years Experience in Construction Industry	8	
Foreman		10	
	2 to 5 Years Experience in Road Construction	3	
	5 to 10 Years Experience in Road Construction	8	
	> 10 Years Experience in Road Construction	10	
FINANCIAL RISK RATING		10	
	Bank Rating D	0	
	Bank Rating C	6	
	Bank Rating B	8	
	Bank Rating A	10	
SIMILAR PROJECTS COMPLETED (ATTACH APPOINTMENT LETTERS)		25	
	Projects < R3m or No Information Provided	15	
	2 Successful Projects R3m ≥ R9m/project	20	
	2 Successful Projects > R9m/project	25	
PROJECT PROGRAM & METHOD STATEMENT		15	
	Relevant Program of works on Gantt Chart	10	
	Relevant Method	15	
COMPANY PLANT AND RESOURCES		10	
	2 TLB'S, 1 EXCAVATOR 3 TIPPER TRUCKS, 1 20000L WATER TANKER 1 VIBRATOR ROLLER 2 LDV'S		
	ALL PLANT AVAILABLE	10	
	1 ITEM NOT PRESENT	7	
	2 ITEMS NOT PRESENT	4	
	3 ITEMS NOT PRESENT	2	
	4 ITEMS NOT PRESENT	0	
GRAND TOTALS (POINTS)		100	

Weighting			
30 points	25 points	10 points	Values ranging
25 - 30 = 5	21 - 25 = 5	9 - 10 = 5	5 – Being Excellent
19 - 24 = 3	16 - 20 = 3	7 - 8 = 3	4 – Being Very good
13 - 18 = 3	11 - 15 = 3	5 - 6 = 3	3 – Being good
7 - 12 = 2	6 - 10 = 2	3 - 4 = 2	2 – Being average
0 - 6 = 1	0 - 5 = 1	0 - 2 = 1	1 – Being poor

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	$P_s = S_o/M_s \times 100$ Where P_s = percentage scored for functionality by the bid S_o = total score of the bid M_s = maximum possible score Minimum score of 70% for functionality should be obtain for the bidder to be further evaluated. The tenderer is to note that the following Additional Relevant Documents will form part of this contract: (i) Tswaing Local Municipality Supply Chain Management Policy, (ii) The preferential procurement policy framework Act, 2000: preferential procurement regulations, 2017 including the following: (iii) TLM health and safety specifications
F.3.17	Provide copies of the contracts The number of paper copies of the signed contract to be provided by the Employer is one.

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T2.1 LIST OF RETURNABLE DOCUMENTS

1. Failure to fully complete and sign the relevant returnable documents shall render such a tender offer unresponsive.
2. Tenderers shall note that their signatures appended to each returnable form represents a declaration that they vouch for the accuracy and correctness of the information provided, including the information provided by candidates proposed for the specified key positions.
3. Notwithstanding any check or audit conducted by or on behalf of the Employer, the information provided in the returnable documents is accepted in good faith and as justification for entering into a contract with a tenderer. If subsequently any information is found to be incorrect such discovery shall be taken as wilful misrepresentation by that tenderer to induce the contract. In such event the Employer has the discretionary right to terminate the contract.

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The Tenderer must complete and sign the following returnable Schedules:

Returnable Schedules required for Tender evaluation purposes

Form A	COMPULSORY ENTERPRISE QUESTIONNAIRE
Form B	DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
Form C	DECLARATION OF INTEREST
Form D	AUTHORITY OF SIGNATORY
Form E	DECLARATION OF GOOD STANDING REGARDING TAX
Form F	FINANCIAL REFERENCES /TENDERER'S CREDIT RATING AND BANK DETAILS
Form G	MUNICIPAL UTILITY ACCOUNT
Form H	PREFERENCE SCHEDULE
Form I	PROPOSED KEY PERSONNEL
Form J	SCHEDULE OF PREVIOUS EXPERIENCE
Form K	SCHEDULE OF CURRENT PROJECTS
Form L	SCHEDULE OF INFRASTRUCTURE AND RESOURCES / PLANT AND EQUIPMENT
Form M	SCHEDULE OF PROPOSED SUB CONTRACTORS
Form N	PROGRAMME OF WORKS
Form O	RECORD OF ADDENDA TO TENDER DOCUMENTS
Form P	PROOF OF GOOD STANDING WITH COMPENSATION COMMISSIONER
Form Q	TENDERER'S PROJECT STRUCTURE
Form R	CERTIFICATE OF INDEPENDENT BID DETERMINATION
Form S	DECLARATION TENDERER'S LITIGATION HISTORY

Returnable Documents that will be incorporated into the contract

C1.1	Offer Portion of Form of Offer and Acceptance
C1.2	Contract Data (Part 2)
C1.3	Form of Guarantee
C2.2	Bill of Quantities

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T2.2 RETURNABLE DOCUMENTS

RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

FORM A: COMPULSORY ENTERPRISE QUESTIONNAIRE

In the case of a Joint Venture – This page is to be completed and submitted in respect of each partner

1. NAME OF ENTERPRISE

2. CONTACT PERSON

3. CONTACT NUMBER

4. FAX NUMBER

5. E-MAIL ADDRESS

6. POSTAL ADDRESS

7. PHYSICAL ADDRESS

8. VAT REGISTRATION NUMBER

9. TAX REFERENCE NUMBER

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10 CIDB REGISTRATION NUMBER

10.1 CIDB GRADING

**11 HAS A B-BBEE STATUS LEVEL VERIFICATION
CERTIFICATE BEEN SUBMITTED**

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

IF YES, WHO WAS THE CERTIFICATE ISSUED BY?

AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) ☐
A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM (SANAS) ☐
A REGISTERED AUDITOR ☐
(Tick applicable box)

**12 (A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE MUST BE SUBMITTED IN ORDER TO QUALIFY FOR
PREFERENCE POINTS FOR B-BBEE)**

**ARE YOU THE ACCREDITED REPRESENTATIVE
IN SOUTH AFRICA FOR THE GOODS/SERVICES/WORKS OFFERED ?**

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

If Yes, Enclose Proof

.....
Signature

.....
Date

.....
CAPACITY UNDER WHICH BID IS SIGNED

.....
Name of Bidder

ATTACH THE FOLLOWING DOCUMENTS HERETO

Contractor

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Witness 1

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1. **For Closed Corporations**

CK1 or CK2 as applicable (Founding Statement)

2. **For Companies**

- A copy of the Certificate of Incorporation
- Certified Copies of the ID's of the Directors and
- the shareholders register

3. **For Joint Venture Agreements**

- Copy of the Joint Venture Agreement between all the parties,
- as well as the documents in (1) or (2) of each Joint Venture member.

4. **For Partnership**

- Certified Copies of the ID's of the partners

5. **One person Business / Sole trader**

- Certified Copy of ID

6. **B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE**

- Original and valid B-BBEE Status Level Verification Certificates or Certified Copy thereof

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FORM B: DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD8)

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

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

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Witness 1

Witness 2

4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.7.1	If so, furnish particulars:		

CERTIFICATION

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

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM C: DECLARATION OF INTEREST (MBD4)

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

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

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, hareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

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

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

3.8.1If yes, furnish particulars.....

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

(a) a member of –

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

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

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

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

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

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

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

3.9.1 If yes, furnish particulars.....

.....

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

3.10.1 If yes, furnish particulars.....

.....

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

3.11.1 If yes, furnish particulars.....

.....

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

3.12.1 If yes, furnish particulars.....

.....

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

3.13.1 If yes, furnish particulars.....

.....

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

3.14.1 If yes, furnish particulars.....

.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

FORM D: AUTHORITY OF SIGNATORY

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

Details of person responsible for tender process:

Name : _____

Contact number : _____

Office address : _____

Signatories for close corporations and companies shall confirm their authority by attaching to this form a **duly signed and dated original or certified copy on the Company Letterhead** of the relevant resolution of their members or their board of directors, as the case may be.

PRO-FORMA FOR COMPANIES AND CLOSE CORPORATIONS:

"By resolution of the board of directors passed on (date)

Mr

has been duly authorized to sign all documents in connection with the Tender for Contract Number

.....and any Contract which may arise there from on

behalf of

(BLOCK CAPITALS)

SIGNED ON BEHALF OF THE COMPANY

IN HIS CAPACITY AS

DATE

FULL NAMES OF SIGNATORY

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

AS WITNESSES: 1.

 2.

PRO-FORMA FOR JOINT VENTURES:

Certificate of Authority for Joint Ventures

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms, authorised signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the tender offer an any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
		Signature: Name: Designation:
		Signature: Name: Designation:
		Signature: Name: Designation:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

		Signature: Name: Designation:
--	--	---

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

**ATTACH HERETO THE DULY SIGNED AND DATED ORIGINAL OR
CERTIFIED COPY OF AUTHORITY OF SIGNATORY ON COMPANY
LETTERHEAD**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM E: DECLARATION OF GOOD STANDING REGARDING TAX (MBD 2)

**ATTACH ORIGINAL VALID TAX CLEARANCE CERTIFICATE TO
THIS PAGE**

The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.

In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM F: FINANCIAL REFERENCES**DETAILS OF TENDERERS BANKING INFORMATION****Notes to tenderer:**

1. The tenderer shall attach to this form a letter from the bank confirming the bank account and details. Failure to provide the required letter with the tender submission shall render the tenderer's offer unresponsive.
2. The tenderer's banking details as they appear below shall be completed.
3. In the event that the tenderer is a joint venture enterprise, details of all the members of the joint venture shall be similarly provided and attached to this form.

BANK NAME:									
ACCOUNT NAME: (e.g. ABC Civil Construction cc)									
ACCOUNT TYPE: (e.g. Savings, Cheque etc)									
ACCOUNT NO:									
ADDRESS OF BANK:									
CONTACT PERSON:									
TEL. NO. OF BANK / CONTACT:									
How long has this account been in existence:	<table border="1"> <tr> <td>0-6 months</td> <td></td> </tr> <tr> <td>7-12 months</td> <td></td> </tr> <tr> <td>13-24 months</td> <td></td> </tr> <tr> <td>More than 24 months</td> <td></td> </tr> </table> (Tick which is appropriate)	0-6 months		7-12 months		13-24 months		More than 24 months	
0-6 months									
7-12 months									
13-24 months									
More than 24 months									

Name of Tenderer:

Date:

Signature :

Full name of signatory:

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

**ATTACH ORIGINAL LETTER FROM BANK TO THIS PAGE
(NOT OLDER THAN THREE MONTHS)**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM G: MUNICIPAL UTILITY ACCOUNT

DECLARATION BY THE TENDERER

I the undersigned _____, has been duly
authorized to sign all documents with the Tender for Contract Number _____ on behalf of
_____ hereby make a declaration as follows:
(referred to herein as "the Bidder")

1. I declare that the bidder and /or any of its director(s) / member(s) does not owe the municipality, or any other municipality and/or municipal entity any amount which is in arrears in respect of any municipal rates and taxes or municipal service charges.
2. I understand and accept that in the event that this declaration is proved to be false, the bid shall be rejected forthwith. All other rights of the municipality (including but not limited to the right to claim damages where applicable) shall remain reserved in full.

SIGNED ON BEHALF OF THE COMPANY

IN HIS CAPACITY AS

DATE

FULL NAMES OF SIGNATORY

ATTACH MUNICIPAL UTILITY ACCOUNTS
(not older than three months)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM H: PREFERENCE SCHEDULE (MBD 6.1)

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL
PROCUREMENT REGULATIONS 2011**

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

NB: BEFORE COMPLETING THIS FORM, TENDERES MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000.00 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000.00 (all applicable taxes included).

1.2 The value of this bid is estimated to be below R50 000 000.00 (all applicable taxes included) and therefore the 80/20 system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

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

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

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20
Total points for Price and B-BBEE must not exceed	100

1.4 Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or a Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2 DEFINITIONS

- 2.1 **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 2.2 **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.4 **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or offers;
- 2.5 **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- 2.6 **“comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- 2.7 **“consortium or joint venture”** 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;
- 2.8 **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.9 **“EME”** means any enterprise with an annual total revenue of R5 million or less .
- 2.10 **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.11 **“functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **“non-firm prices”** means all prices other than “firm” prices;
- 2.13 **“person”** includes a juristic person;
- 2.14 **“rand value”** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.15 **“sub-contract”** means the primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.16 **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- 2.17 **“trust”** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.18 **“trustee”** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.
- 3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

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

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

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

Where

- P_s = Points scored for comparative price of bid under consideration
- P_t = Comparative price of bid under consideration
- $P_{\min}$ = Comparative price of lowest acceptable bid

5. Points awarded for B-BBEE Status Level of Contribution

- 5.1 In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	8	16
4	6	14
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 5.2 Tenderes who qualify as EMEs in terms of the B-BBEE Act must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EMEs with B-BBEE Status Level Certificates.
- 5.3 Tenderes other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS
- 5.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 5.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

6. BID DECLARATION

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

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1

7.1 B-BBEE Status Level of Contribution: =(maximum of 10 or 20 points)

7 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).

8. SUB-CONTRACTING

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

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

8.1.1 If yes, indicate:

1 what percentage of the contract will be subcontracted? %

2 the name of the sub-contractor? _____

3 the B-BBEE status level of the sub-contractor? _____

4 whether the sub-contractor is an EME?

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

9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of firm: _____

9.2 VAT registration number _____

9.3 Company registration number _____

9.4 **TYPE OF FIRM** (Tick Applicable Box)

- ☐ Partnership/ Joint Venture/ Consortium
☐ One Person business/ sole propriety
☐ Close Corporation
☐ Company
☐ (Pty) Ltd
☐ Other : Specify _____

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

9.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
 - ☐ Supplier
 - ☐ Professional service provider
 - ☐ Other service providers, e.g. transporter, etc.
- [TICK APPLICABLE BOX]

9.7 MUNICIPAL INFORMATION:

Municipality where business is situated

Registered Account Number

Stand Number

9.8 TOTAL NUMBER OF YEARS THE COMPANY/FIRM HAS BEEN IN BUSINESS?

9.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

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 paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution

WITNESSES:

1.

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

2.

DATE:

ADDRESS:

.....
.....
.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM I: PROPOSED KEY PERSONNEL

The Tenderer shall list below the key personnel whom he proposes to employ on the project should his Tender be accepted,

Please list the personnel that you intend to appoint on this contract.			
DESCRIPTION	<u>Name</u> of Full time member	Staff to be appointed on this contract	
		No of Full Time employment	No of Part Time employment
Contract Manager			
Site Agent			
Clerk			
Foreman			
Material Technician			
Surveyor			
Operators			
Supervisor			
Labourers			
Other			
2.			
3.			
4.			
5.			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Provide two paged CV of Each key Personnel to be used in this project.

Each CV should give at least the following:

- Position in the firm and within the organisation of this assignment
- Proof of Educational qualifications
- Relevant experience (actual duties performed, involvement and responsibility), including locations, dates and durations of assignments, starting with the latest.
- Language proficiency and
- References (company name, individual name, position held, contact details)

(Affix the CV's and Attachments in a form of a booklet to the following Page.)

ATTACH CV'S OF KEY PERSONNEL TO THIS PAGE
--

--	--	--	--	--	--

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM J: SCHEDULE OF PREVIOUS EXPERIENCE

The procedure for the evaluation of responsive Bids will be on the average of the **previous three projects** where the firm was involved for TSWAING LOCAL MUNICIPALITY (TLM) projects or other clients. Reference of clients other than TLM **MUST** be provided.

Evaluation of the Tenderer's position in terms of his previous experience. Emphasis will be placed on the following:

- Experience in the relevant technical field
- Experience of contracts of similar size
- At least three of the references will be contacted to obtain their input.

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work. **This information is material to the award of the Contract.**

Description	Value (R) VAT excluded	Period work executed		Reference		
		Appointment Date	Completion Date	Name	Organisation	Tel no and Fax

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM K: SCHEDULE OF CURRENT PROJECTS

Provide the following information on current projects

This information is material to the award of the Contract.

Description	Value (R) VAT excluded	Appointment Date	Expected Completion Date	Reference		
				Name	Organisation	Tel no and Fax

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM L: SCHEDULE OF INFRASTRUCTURE AND RESOURCES

Provide information on the following:

Infrastructure and resources available for this project:

1. Physical facilities and Buildings.

Description	Address	Owned / leased

2. Equipment

Provide information on equipment and resources that you have available for this project.

1. EARTH MOVING EQUIPMENT	NUMBER OF UNITS OWNED BY CONTRACTOR	NUMBER OF UNITS ALLOCATED TO THIS CONTRACT	
		OWNED	HIRED
2. CONSTRUCTION EQUIPMENT			
3. CONSTRUCTION EQUIPMENT			

4. Size of enterprise and current workload

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

What was your turnover in the previous financial year? -----

What is the estimated turnover for your current financial year? -----

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM M: SCHEDULE OF PROPOSED SUB-CONTRACTORS

NAME OF SUB-CONTRACTOR	FULL DESCRIPTION OF WORK TO BE PERFORMED BY SUB-CONTRACTOR

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM N: PROGRAMME OF WORKS

TENDERER TO ATTACH PROGRAMME OF WORKS
(Please use MS project Format)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM O: RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communication received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title of Details

**FORM P: PROOF OF CERTIFICATE OF GOOD STANDING WITH COMPENSATION
COMMISSIONER**

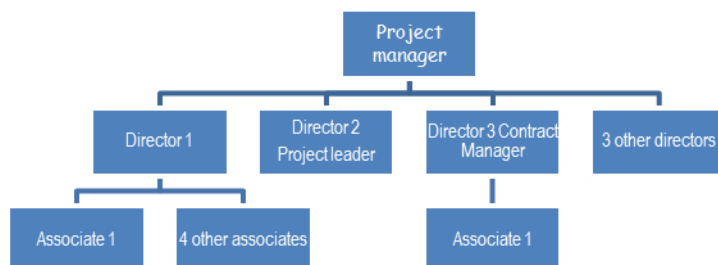
Affix Certified Proof of Good Standing with Compensation Commissioner on this page.

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

FORM Q: TENDERER'S PROJECT STRUCTURE

Notes to tenderer:

1. The intention of this form is to demonstrate the tenderer's project structure, as well as the lines of responsibility between members of the project team and between the project team and the overall company structure. The tenderer must attach his own organogram to this form.
2. Tenderers which are large companies may simplify the organogram by 'rolling up' portfolios e.g. combining directors/associates into one box of the organogram. However, the individual positions of the key personnel within the structure must still be shown.
3. Joint Venture tenders will require each element of the venture to submit separate organograms that show the individual structure of each member company and the lines of responsibility of the proposed personnel involved in the project. In addition there must also be a combined organogram that indicates how the joint venture itself will function and the proposed share of the work. Joint Venture tenderers shall note that the share of work indicated will be used in the analysis of such a tenderers preference proposed on returnable form D1, and that if awarded the share of work shall become a contractual obligation between the members of the joint venture.
4. State the city or town where the company's head office is located. The locality of regional or satellite office, regardless of degree of autonomy or size is not required. Only submit the number of offices other than the head office. Do not count offices outside RSA
5. Registered professional engineers, technicians or technologists means those who are involved in the built industry as well as allied fields such as environmental professionals. Registered professionals of other disciplines (e.g. mechanical) are considered as employees only.



Head Office:	
Other Offices:	
Registered Professionals:	
Total Employees :	
%share in JV agreement	

SIGNED ON BEHALF OF THE TENDERER:.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM R: CERTIFICATE OF INDEPENDENT BID DETERMINATION
(MBD 9)

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

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

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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

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Witness 2

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of: _____ that:

(Name of Bidder)

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

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

ContractorWitness 1Witness 2EmployerWitness 1Witness 2

FORM S: DECLARATION OF TENDERER'S LITIGATION HISTORY

Note to tenderer:

The tenderer shall list below details of any litigation with which the tenderer (including its directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department within the last ten years. The details must include the year, the litigating parties, the subject matter of the dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

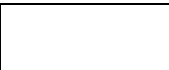
CLIENT	OTHER LITIGATING PARTY	DISPUTE	AWARD VALUE	DATE RESOLVED

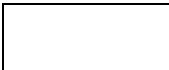
.....
Signature

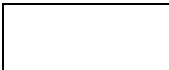
.....
Date

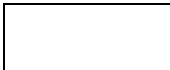
.....
Position

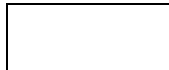
.....
Name of Bidder

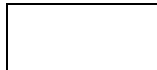
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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

.....

Witness 2



TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C1 AGREEMENTS AND CONTRACT DATA

C1.1 Form of Offer and Acceptance

C1.2 Contract Data

C1.3 Form of Guarantee

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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

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Witness 2



C1.1 FORM OF OFFER AND ACCEPTANCE

OFFER

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

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

By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

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

.....
..... Rand (in words); 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.

Signature(s) _____

Name(s) _____

Capacity _____

For the tenderer _____
(Name and address of organisation)

Name & Signature
Of Witness _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



Name

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 1 Agreements and Contract Data (which includes this Agreement)
- Part 2 Pricing Data
- Part 3 Scope of Work
- Part 4 Site information
- Part 5 Additional Documentation

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above. Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representative(s) of both parties.

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 bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data at or just after the date this Agreement comes into effect. 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 days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature(s) _____

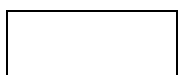
Name(s) _____

Capacity _____

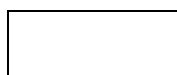
For the tenderer _____
(Name and address of organisation)

Name & Signature
Of Witness

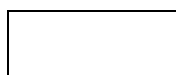
Name Date



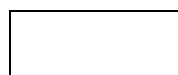
Contractor



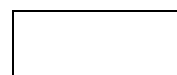
Witness 1



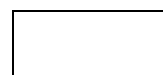
Witness 2



Employer



Witness 1



Witness 2



SCHEDULE OF DEVIATIONS

Notes:

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

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

5 Subject

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Contractor

--

Witness 1

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Witness 2

--

Employer

--

Witness 1

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Witness 2



Details

6 Subject

Details

By the duly authorised representatives signing this Schedule of Deviations, 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 change 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.

FOR THE TENDERER:

Signatures (s) _____

Name(s) _____

Capacity _____

(Name and address of Organisation)

Name & Signature

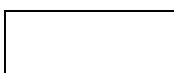
Of Witness _____ Date _____

FOR THE EMPLOYER

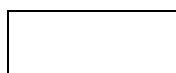
Signatures (s) _____

Name(s) _____

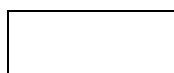
Capacity _____



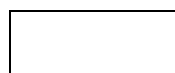
Contractor



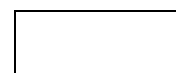
Witness 1



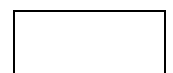
Witness 2



Employer



Witness 1



Witness 2



(Name and address of Organisation)

Name & Signature

Of Witness

Date

C1.2 CONTRACT DATA

PART 1: DATA PROVIDED BY THE EMPLOYER

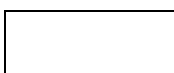
CONDITIONS OF CONTRACT

The Conditions of Contract are the *General Conditions of Contract Second Edition (2010)* published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained from the South African Institute of Civil Engineering.

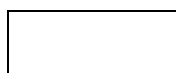
Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

PART 1: Data provided by the Employer

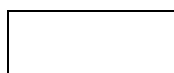
Clause	Data
1.1.1.15	The Name of the Employer is Tswaing Local Municipality
1.2.1.2	The address of the Employer is: P.O. Box 24 DELAREYVILLE 2770 Telephone: 053 948 1630 Facsimile: 053 948 1600
1.1.1.16	The name of the Engineer is Bodibe Consulting Engineers



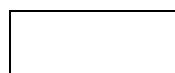
Contractor



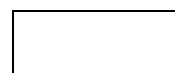
Witness 1



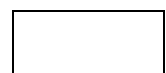
Witness 2



Employer



Witness 1



Witness 2



1.2.1.2	The address of the Engineer is: P.O. Box 1773 Lichtenburg 2740 Telephone : 073 874 8712 Facsimile : 086 568 0424
5.3.1	Health and Safety Plan, Initial Programme, Guarantee, Insurance and other relevant documents (e.g. Acceptance, contractor staff)
5.3.2	Submission of documents within 14 days
5.8.1	The special non-working days are the official builder's holiday plus all statutory public holidays. The year end break commences on 15 December 2021 and ends on 10 January 2022 .
	The time to deliver the Deed of Guarantee is 14 days.
7	The Form of Guarantee is to contain the wording of the proforma document included in the General Conditions of Contract (Pro-forma included in section C1.3 to this document).
7	The liability of the guarantee shall be 10% .

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



5.3.1	The Contractor shall commence executing the Works within 14 days from the Commencement Date.
12.2	The Contractor shall deliver his programme of work within 14 days .
8.6	The value of the materials supplied by the Employer to be included in the insurance sum is nil.
8.6	The amount to cover professional fees for repairing damage and loss to be included in the insurance sum is nil.
8.6	The limit of indemnity for liability insurance is R 5 Million
5.6	The Works shall be completed within 3 Months
5.13	The penalty for failing to complete the works is R 2 500.00 per day.
49.3	The limit of retention money is 10 % of every payment certificate.
53.1	The Defects Liability Period is 12 months .
	The variations to the General Conditions of Contract
4.5.2	Replace the term "Safety" with "Occupational Health and Safety"
49.6.1 to 4.9.6.3	Replace the term "Bank" with " Bank of Insurance Company"
55.1.8	Replace sub-clause with" The Contractor or anyone on his behalf or in his employ would pay, offer or offer as payment to any person in the employ of the Employer, or in the employ of the Engineer, a gratuity or reward or commission.
42.3.2	The additional clauses to the General Conditions of Contract are: Extensions of time in respect of clause 5.12 in respect of abnormal rainfall shall be calculated using the following formula for each calendar month or part thereof: $V = (Nw - Nn) + \frac{(Rw - Rn)}{X}$ Where: V = Extension of time in calendar days in respect of the calendar month under consideration. Nw = Actual number of days during the calendar month on which a rainfall of 10 mm or more has been recorded. Nn = Average number of days in the relevant calendar month , as derived from existing rainfall records, on which a rainfall of 20mm or more has been recorded for the calendar month. Rw = Actual average rainfall in mm recorded for the calendar month under consideration. Rn = Average rainfall in mm for the calendar month as derived from existing rainfall records as stated in the Site Information. For purposes of the Contract Nn, Rn, X and Y shall have those values assigned to them in the

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



	South African Weather Service's rainfall records of the nearest station to the site. If V is negative and its absolute value exceeds N_n, then V shall be taken as equal to minus N_n. The total extension of time shall be the algebraic sum of all monthly totals for the period under consideration, but if the total is negative the time for completion shall not be reduced due to subnormal rainfall. Extensions of time for part of a month shall be calculated using pro rata values of N_n and R_n. This formula does not take account flood damage which could cause further or concurrent delays and will be treated separately as far as extension of time is concerned. The factor $(N_w - N_n)$ shall be considered to represent a fair allowance for variations from the average in the number of days during which rainfall exceeds 10 mm. The factor $(R_w - R_n)$ shall be considered to represent a fair allowance for variations from the average in the number of days during which the rainfall did not exceed 10 mm but wet conditions prevented or disrupted work. For the purpose of applying the formula, accurate rain gauging shall be taken at a suitable point on the Site and the Contractor shall at his own expense, take all necessary precautions to ensure that rain gauges cannot be interfered with by unauthorized persons.
42	A delay caused by inclement weather conditions will be regarded as a delay only if, in the opinion of the Engineer, all progress on an item or items of work on the critical path of the working programme of the contractor has been brought to a halt. Delays on working days only (based on a five-day working week) will be taken into account for the extension of time, but the Contractor shall make provision in his programme of work for an expected delay of "n" working days caused by normal rainy weather, for which he will not receive any extension of time, where "n" equals days. Extension of time during working days will be granted to the degree to which actual delays, as defined above, exceed the number of "n" workings days.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



PART 1: DATA PROVIDED BY THE CONTRACTOR

The Contractor is advised to read the *General Conditions of Contract Second Edition (2010)*, published by the South African Institution of Civil Engineering, in order to understand the implications of this Data which is required to be completed.

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

Clause	Data
1.8	The Contractor is:
1.2.2	Name:
	The Address of the Contractor is:
	Address (physical):
	
	Address (postal):
	Telephone: Facsimile:
	E-mail:
37.2.2.3	The percentage allowance to cover overhead charges is

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



C1.3 FORM OF GUARANTEE

FORM OF GUARANTEE

Project No: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

WHEREAS

at

(Hereinafter referred to as "the Employer")

entered into, on the Day of2021, at

a Contract with

at

(Hereinafter called "The Contractor")

for the construction of

AND WHEREAS it is provided by such Contract that the Contractor shall provide the Employer with security by way of surety ship for the due and faithful fulfilment of such Contract by the Contractor;

AND WHEREAS

has/have at the request of the Contractor, agreed to give such security;

NOW THEREFORE WE,

do hereby guarantee and bind ourselves jointly and severally as Sureties and Co-principal Debtors to the Employer under renunciation of the benefits of division and excussion for the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions.

1. The Employer shall, without reference and/or notice to us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Due Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Due Completion Date which the Employer may make, give, concede or

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



agree to under the said Contract.

2. The Employer shall be entitled, without reference to us, to release any securities held by it, and to give time to or compound or make any other arrangement with the Contractor.
3. This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.
4. Our total liability hereunder shall not exceed the sum of (R.....).
5. We hereby choose domicilium citandi et executandi for all purposes arising hereof at

.....

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

this..... day of 20

As witnesses:

- | | | |
|----|-------|---|
| 1. | | Signature |
| 2. | | Duly authorised to
sign on behalf of |
| | | Address |
| | | |
| | | |

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C2 PRICING DATA

C2.1 Pricing Instructions

C2.2 Bill of Quantities

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C2.1 PRICING INSTRUCTIONS

1. The Tender Data the Scope of Work and the Drawings are to be read in conjunction with the Schedule of Quantities.
2.
 - a. The Schedule comprises items covering the Contractor's profit and costs of general liabilities and of the construction of temporary and permanent Works.
 - b. Although the Tenderer is at liberty to insert a rate of his own choosing for each item in the Schedule, his attention is drawn to the fact that the Contractor has the right, under various circumstances, to payment for additional works carried out and that the Engineer is obliged to base his assessment of the payment to be paid for such additional work on the rates inserted in the Schedule by the Contractor.
 - c. Clause 8 of each Standardized Specification and the measurement and payment clause of each Particular Specification, read together with the relevant clause of the Project Specification, set out what ancillary or associated activities are included in the rate for the operations specified.
3. Descriptions in the Schedule of Quantities are abbreviated. The schedule has been drawn up generally in accordance with the latest issue of "Civil Engineering Quantities". Should any requirement of the measurement and payment clause of the applicable Standardized Specification, or the Project Specification, or the Particular Specification(s) conflict with the terms of the Schedule or, when relevant "Civil Engineering Quantities", the requirement of the Standardized, Project or Particular Specification, as applicable, shall prevail.
4. Unless otherwise stated, items are measured net in accordance with the Drawings, and no allowance has been made for waste.
5. The prices and rates to be inserted in the Schedule of Quantities are to be the full inclusive prices to the Employer for the work described under the several items. The prices and rates shall be exclusive of Value Added Tax. Such prices shall cover all costs and expenses that may be required in and for the

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

construction of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based.

6. A price or rate is to be entered, in **BLACK INK**, against each item in the Schedule of Quantities.
7. In the event of the Tenderer failing to price any item it will be held that the Tenderer has made adequate allowance under other items for all labour, material and costs required for the execution, not only of the quantum of work covered by the unpriced item but also for any increase in the said quantum which may have to be undertaken during the course of the Contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C2.2 BILL OF QUANTITIES

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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Item No		Quantity	Amount
	<u>SECTION NO 1</u> <u>BILL NO 1</u> <u>PRELIMINARIES</u> <u>BUILDING AGREEMENT AND PRELIMINARIES</u> <u>Disclaimer</u> <i>While the ASQS aims to ensure that its publications represent best practice, the ASQS does not accept or assume any liability or responsibility for any events or consequences thereof that derive from the use of the Preliminaries Master Bill. Such Master Bill is not exhaustive and is therefore only intended to provide general guidance to those who wish to make use of it. This publication is provided "as is" without warranty of any kind, either expressed or implied including but without limitation to warranties of merchantability, fitness for a particular purpose and non-infringement</i> The JBCC Series 2000 Principal Building Agreement (July 2007 edition 5.0 - reprint 1) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described The JBCC Principal Building Agreement Contract Data EC and the JBCC Principal Building Agreement Contract Data CE form an integral part of this agreement. The ASQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these provisional bills of quantities Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this agreement such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents Where any item is not relevant to this specific agreement such item is marked N/A, signifying "not applicable"		
	Section: 1 Bill No. 1 PRELIMINARIES	Carried Forward	R

Brought Forward

R

PREAMBLES FOR TRADES

The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these **provisional bills of quantities** and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained

Supplementary preambles are incorporated in these **provisional bills of quantities** to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles

The **contractor's** prices for all items throughout these **provisional bills of quantities** must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles

PRICING OF PRELIMINARIES

Should the **contractor** select Option A in terms of sub clause 3.2.1 in the **Contract Data - Contractor to Employer (CE)** for the purpose of adjustment of these **preliminaries**, the amount entered into the amount column in these **preliminaries** is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)

SECTION A - PRINCIPAL BUILDING AGREEMENT

Definitions (A1)

1 Clause 1.0 - Definitions and interpretation

The measuring system used for the preparation of the **provisional bills of quantities** is the Standard System of Measuring Building Work (sixth edition, revised 1999) published by the Association of South African Quantity Surveyors [1.1]

F:..... V:..... T:.....

Item

Objective and preparations (A2 - A14)

2 Clause 2.0 - Offer acceptance and performance obligations

F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1
Bill No. 1
PRELIMINARIES

Brought Forward	R		
3 Clause 3.0 - Documents			
The contract drawings are as listed in Part C 3.3. Scope Of Works.			
Provision is made in the summary page of these provisional bills of quantities for the inclusion of Value Added Tax (VAT) [3.5]			
The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any [3.9]			
F:..... V:..... T:.....			
Item			
4 Clause 4.0 - Design responsibility			
F:..... V:..... T:.....		Item	
5 Clause 5.0 - Employer's agents			
F:..... V:..... T:.....		Item	
6 Clause 6.0 - Contractor's site representative			
F:..... V:..... T:.....		Item	
7 Clause 7.0 - Compliance with laws and regulations			
Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (refer to Annexure 5.1 for a copy of the relevant specification) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item (refer to Annexure 5.1 for a copy of the relevant Bills of Quantities for pricing) for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [7.1]			
F:..... V:..... T:.....		Item	
Carried Forward	R		
Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward R

8 Clause 8.0 - Works risk
F:..... V:..... T:.....

Item

9 Clause 9.0 - Indemnities
F:..... V:..... T:.....

Item

10 Clause 10.0 - General insurances
F:..... V:..... T:.....

Item

11 Clause 11.0 - Special insurances
F:..... V:..... T:.....

Item

12 Clause 12.0 - Effecting insurances
F:..... V:..... T:.....

Item

13 Clause 13.0 - Assignment
F:..... V:..... T:.....

Item

14 Clause 14.0 - Security
F:..... V:..... T:.....

Item

Execution (A15 - A23)

15 Clause 15.0 - Preparation for and execution of the works
F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1
Bill No. 1
PRELIMINARIES

	Brought Forward	R		
16	Clause 16.0 - Site and access A geotechnical investigation has been done and will be available for viewing at the offices of the Principal Agent. [16.4] The contractor will have full use of the site. Refer to Site Information item C.4.1. There are no current structures or services such as water, sewerage and electricity on site and connections will have to be made to main supply lines. Services will be pointed out to the tenderers at the site inspection meeting. Refer to Scope Of Works item C.3.4. (Refer to clause 16.7) F:..... V:..... T:.....		Item	
17	Clause 17.0 - Contract instructions F:..... V:..... T:.....		Item	
18	Clause 18.0 - Setting out of the works 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 [18.1]. F: V:.....T:.....		Item	
19	Clause 19.0 - Temporary works and plant The contractor shall price opposite this item for compliance with all the requirements. Refer to item C.3.6.4. and C.4.1.3. Scope Of Works for details relating to enclosure and protection of the works and item 3.6.1. for office accommodation. F:..... V:..... T:.....		Item	
20	Clause 20.0 - Nominated subcontractors Refer to the provisions on general attendance hereinafter F:..... V:..... T:.....		Item	
	Carried Forward	R		
	Section: 1 Bill No. 1 PRELIMINARIES			

	Brought Forward	R		
21	Clause 21.0 - Selected subcontractors General attendance of n/s subcontractors for pricing by the contractor shall be in accordance with the n/s agreement. Notwithstanding this provision, general attendance shall be deemed to include for the contractor to provide free of charge to any n/s subcontractor such scaffolding as may reasonably be required by such n/s subcontractor for the execution of the relevant subcontract work F:..... V:..... T:.....		Item	
22	Clause 22.0 - Employer's direct contractors F:..... V:..... T:.....		Item	
23	Clause 23.0 - Contractor's domestic subcontractors F:..... V:..... T:.....		Item	
	<u>Completion (A24 - A30)</u>			
24	Clause 24.0 - Practical completion F:..... V:..... T:.....		Item	
25	Clause 25.0 - Works completion F:..... V:..... T:.....		Item	
26	Clause 26.0 - Final completion F:..... V:..... T:.....		Item	
27	Clause 27.0 - Latent defects liability period F:..... V:..... T:.....		Item	
28	Clause 28.0 - Sectional completion No sectional completion is anticipated. F:..... V:..... T:.....		Item	
	Carried Forward	R		
	Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward		R	
29	Clause 29.0 - Revision of date for practical completion The removal and replacement of materials and/or workmanship which do not conform to specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3) F:..... V:..... T:.....	Item	
30	Clause 30.0 - Penalty for late or non-completion F:..... V:..... T:..... <u>Payment (A31 - A35)</u>	Item	
31	Clause 31.0 - Interim payment The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.4 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank. Clause 31.6.5 is therefore not applicable. F:..... V:..... T:.....	Item	
32	Clause 32.0 - Adjustment to the contract value The contract value shall be adjusted according to CPAP using information stated in the Contract Data [32.13]. Fluctuations in costs in the rate of Value Added Tax shall be deemed incorporated into the contract. Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing. The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims for loss or profit shall not be entertained [32.2] F:..... V:..... T:.....	Item	
Carried Forward		R	
Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward		R	
33	Clause 33.0 - Recovery of expense and loss F:..... V:..... T:.....	Item	
34	Clause 34.0 - Final account and final payment F:..... V:..... T:.....	Item	
35	Clause 35.0 - Payment to other parties F:..... V:..... T:.....	Item	
<u>Termination (A36 - A39)</u>			
36	Clause 36.0 - Termination by employer - contractor's default F:..... V:..... T:.....	Item	
37	Clause 37.0 - Termination by employer - loss and damage F:..... V:..... T:.....	Item	
38	Clause 38.0 - Termination by contractor - employer's default F:..... V:..... T:.....	Item	
39	Clause 39.0 - Termination - cessation of the works F:..... V:..... T:.....	Item	
<u>Dispute (A40)</u>			
40	Clause 40.0 - Settlement of disputes F:..... V:..... T:.....	Item	
<u>Contract variables (A41 - A42)</u>			
41	Clause 41.0 - Post tender provisions The contractor is to complete before submission of his tender the JBCC Principal Building Agreement Contract Data CE F:..... V:..... T:.....	Item	
Carried Forward		R	
Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward

R

42 Clause 42.0 - Contractual agreement

The required information of the contracting **parties** and the amount of the accepted **contract sum** shall be inserted in the **agreement** for signature of the agreement by the **parties**

F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1
Bill No. 1
PRELIMINARIES

Brought Forward

R

SECTION B - PRELIMINARIES

Definitions and interpretation (B1)

43 Clause 1.0 - Definitions and interpretation

F:..... V:..... T:.....

Item

Documents (B2)

44 Clause 2.1 - Checking of documents

F:..... V:..... T:.....

Item

45 Clause 2.2 - Provisional **bills of quantities**

These **bills of quantities** are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are **budgetary allowances** and/or selected subcontract amounts.

F:..... V:..... T:.....

Item

46 **B1.4 PROVISIONAL BILLS OF QUANTITIES**

F: V: T:

Item

Where reference is made in the documents to bills of quantities it shall be taken as referring to these Provisional Bills of Quantities. All quantities are provisional, are an indication of the extent and type of work to be executed and have been inserted in order to obtain competitive tenders. All work carried out under this contract shall be re measured and valued at schedule rates and in accordance with the Conditions of Contract

47 Clause 2.3 - Availability of construction documentation

The **budgetary allowances** and selected subcontract amounts allocated for subsequent trades included in this **agreement** will be separately procured, based on multiple procurement of selected subcontractors during the **construction period**

F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1

Bill No. 1

PRELIMINARIES

Brought Forward R

Previous work and adjoining properties (B3)

48 Clause 3.1 - Previous work - dimensional accuracy

F:..... V:..... T:.....

Item

49 Clause 3.2 - Previous work - defects

F:..... V:..... T:.....

Item

50 Clause 3.3 - Inspection of adjoining properties

F:..... V:..... T:.....

Item

Samples, shop drawings and manufacturer's instructions (B4)

51 Clause 4.1 - Samples of materials

F:..... V:..... T:.....

Item

52 Clause 4.2 - Workmanship samples

F:..... V:..... T:.....

Item

53 Clause 4.3 - Shop drawings

F:..... V:..... T:.....

Item

54 Clause 4.4 - Compliance with manufacturer's instructions

F:..... V:..... T:.....

Item

Deposits and fees (B5)

55 Clause 5.1 - Deposits and fees

F:..... V:..... T:.....

Item

Temporary services (B6)

56 Clause 6.1 - Water

F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1
Bill No. 1
PRELIMINARIES

Brought Forward		R	
57	Clause 6.2 - Electricity F:..... V:..... T:.....	Item	
58	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item	
59	Clause 6.4 - Ablution facilities F:..... V:..... T:.....	Item	
<u>Prime cost amounts (B7)</u>			
60	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
<u>Special attendance on n/s subcontractors (B8)</u>			
61	Clause 8.1 - Special attendance F:..... V:..... T:.....	Item	
<u>General (B9)</u>			
62	Clause 9.1 - Protection of the works The contractor shall price opposite this item for compliance with all the requirements. Refer to Scope Of Works item C.4.1.3. for details relating to protection of the works F:..... V:..... T:.....	Item	
63	Clause 9.2 - Protection/isolation of existing/sectional occupied works F:..... V:..... T:.....	Item	
Carried Forward		R	
Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward		R	
64	Clause 9.3 - Security of the works The contractor shall price opposite this item for compliance with all the requirements. Refer to Scope Of Works item C.4.1.3. for details relating to security of the works F:..... V:..... T:.....	Item	
65	Clause 9.4 - Notice before covering work F:..... V:..... T:.....	Item	
66	Clause 9.5 - Disturbance The contractor shall price opposite this item for compliance with all the requirements. Refer to Scope Of Works item C.4.1.5. for details relating to disturbance. F:..... V:..... T:.....	Item	
67	Clause 9.6 - Environmental disturbance The contractor shall price opposite this item for compliance with all the requirements. Refer to Scope Of Works item C.4.1.6. for details relating to environmental disturbance. F:..... V:..... T:.....	Item	
68	Clause 9.7 - Works cleaning and clearing F:..... V:..... T:.....	Item	
69	Clause 9.8 - Vermin F:..... V:..... T:.....	Item	
70	Clause 9.9 - Overhand work F:..... V:..... T:.....	Item	
Carried Forward		R	
Section: 1 Bill No. 1 PRELIMINARIES			

Brought Forward		R
<u>Schedule of variables (B10)</u>		
Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract		
10.1 - Provisional bills of quantities [clause 2.2] The quantities are provisional	Applicable	
10.2 - Availability of construction documentation [clause 2.3] Provisional construction documentation is complete Construction documentation will be completed and available at the date the site is handed over to the successful contractor. The Principal Agent and Contractor shall work together and shall agree dates that are reasonable by when the contractor is to Be provided with each outstanding item of the anticipated construction documentation.	Yes	
10.3 - Previous work - dimensional accuracy [clause 3.1]		
10.4 - Previous work - defects [clause 3.2]		
10.5 - Inspection of adjoining properties [clause 3.3]		
10.6 - Water [clause 6.1.]		
Option A (by contractor)	yes	
Option B (by employer - free of charge)	no	
Option C (by employer - metered)	no	
<i>The contractor shall install a water meter to the existing water supply at approved points and provide the Principle Agent with regular readings of water consumption at a date to be advised.</i>		
Carried Forward		R
Section: 1 Bill No. 1 PRELIMINARIES		

		Brought Forward	R	
10.7 -	Electricity [clause 6.2.]			
	Option A (by contractor)	yes		
	Option B (by employer - free of charge)	no		
	Option C (by employer - metered)	no		
<i>The contractor shall install an electrical meter to the existing electricity supply at approved points and provide the Principle Agent with regular readings of electrical consumption at a date to be advised.</i>				
10.8 -	Telecommunications [clause 6.3.]			
	Telephone	yes		
	Facsimile	no		
	E-mail	no		
10.9 -	Ablution facilities [clause 6.4.]			
	Option A (by contractor)	yes		
	Option B (by employer)	no		
10.10 -	Protection of the works [clause 9.1]			
	The contractor shall refer to Scope of Works item C.4.1.3. For the protection of works.			
10.11 -	Protection/isolation of existing/sectional occupied works [clause 9.2]			
	Protection/isolation is required	no		
		Carried Forward	R	
Section: 1 Bill No. 1 PRELIMINARIES				

	Brought Forward	R	
10.12 - Disturbance [clause 9.5] The contractor shall refer to Scope of Works item C.4.1.5. for disturbance.			
10.13 - Environmental disturbance [clause 9.6] The contractor shall refer to Scope Of Works item C.4.1.6. for environmental disturbance			
Section: 1 Bill No. 1 PRELIMINARIES	Carried Forward	R	

Brought Forward

R

SECTION C - SPECIFIC PRELIMINARIES

User note

71 **Site instructions**

Contract Instructions issued on **site** are to be recorded in triplicate in a **site** instruction book which is to be maintained on site by the **contractor**

F:..... V:..... T:.....

Item

72 **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 **final 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

73 **Co-operation of contractor for cost management**

It is specifically agreed that the **contractor** accepts the obligation of assisting the **principal agent** in implementing proper cost management. The **contractor** will be advised by the **principal agent** of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The **principal agent** undertakes to make available to the **contractor** all **budgetary allowances** and cost assessments/reports to enable the proper procedure to be implemented and the **contractor** shall attend all cost plan review and cost management meetings. The **contractor** undertakes to extend these procedures, as necessary, to all subcontractors

F:..... V:..... T:.....

Item

Carried Forward

R

Section: 1
Bill No. 1
PRELIMINARIES

[illegible]

Item No	Quantity	Rate	Amount
<u>SECTION 2 - BUILDINGS</u>			
<u>BILL NO. 1</u>			
<u>FOUNDATIONS</u>			
NOTE : Unless otherwise stated herein all items in this bill shall be deemed to fall into Work Group No. 104 for Haylett Formula purposes			
NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density			
Descriptions of excavations shall be deemed to include for setting aside surplus excavated material in spoil heaps for use as filling or for depositing within 150m of the perimeter of the excavations and spreading and roughly levelling as directed, as well as for increase in bulk and multiple handling of excavated material caused by the contractor's method of operation.			
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 and for bulking.			
Carried Forward			
Section: 2 Bill No. 1 FOUNDATIONS		R	

Brought Forward

R

NOTE : Working space for formwork to sides of all concrete, except columns, shall be measured only where the concrete face is less than 750mm from the face of the measured excavations.

Working space for formwork to sides of columns shall be measured for the width of the column face only where both:

the top of the column base is more than 1,5m below the commencing level of the excavations and

the column face is less than 500mm from the face of the measured excavations.

No claim shall be considered for any working space for formwork to concrete other than as above described or for working space beyond the sides of trench excavations for the building of brick or block walls.

Descriptions of excavations for working space shall be deemed to include for any additional risk of collapse so incurred and for the returning and compacting of the excavated material as described.

EARTHWORKS

EXCAVATION, FILLING, ETC

Excavate in earth not exceeding 2m deep below natural, elevated or reduced ground level for

1 Trenches, holes, etc.

m3

82

Carried Forward

R

Section: 2
Bill No. 1
FOUNDATIONS

Brought Forward

R

Extra over bulk excavation in earth for excavation in

2	Soft rock	m3	13
3	Hard rock	m3	9

Extra over all excavations for carting away

4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	82
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Risk of collapse of excavations

5	Sides of trench and hole excavations not exceeding 1,5m deep	m2	Rate Only
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Keeping excavations free of water

6	Keeping excavations free of all water other than subterranean water	Item	
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FILLING:

Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 90% Mod AASHTO density

7	Backfilling to trenches, holes, etc	m3	82
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Earth filling supplied by the contractor compacted to 93% Mod AASHTO density in layers not exceeding 150mm thick

8	Under floors etc	m3	275
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Prescribed density tests on filling

9	"Field Density" test including "Optimum Moisture Content" (four readings per test)	No	10
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Carried Forward

R

Section: 2
Bill No. 1
FOUNDATIONS

Brought Forward			R	
<u>PROTECTION AGAINST TERMITES</u>				
10	Poisoning surface of ground or filling under floors, steps, etc. including raking out 75mm deep V-shaped channels against the walls, etc., treated with poison solution, backfilling and ramming	m2	630	
11	To bottoms and sides of trenches, holes, etc	m2	405	
<u>MASS CONCRETE</u>				
<u>(HAYLETT FORMULA WORK GROUP NO. 116)</u>				
<u>Mass concrete with a coarse aggregate of 19mm and a minimum compressive strength of 15MPa at 28 days</u>				
12	In blinding to footings to walls cast against excavated surfaces, stepped and levelled	m3	2	
<u>REINFORCED CONCRETE:</u>				
<u>(HAYLETT FORMULA WORK GROUP NO. 110)</u>				
<u>Concrete with a coarse aggregate of 19mm and a minimum compressive strength of 25MPa at 28 days</u>				
13	In footings to walls cast against excavated surfaces, stepped and levelled	m3	50	
14	In column bases	m3	26	
<u>CONCRETE TEST CUBES</u>				
15	Making and testing 150 x 150 x 150mm concrete strength test cube	No	20	
<u>REINFORCEMENT</u>				
<u>Mild steel reinforcement to structural concrete work</u>				
16	8mm Diameter bars	kg	584	
Carried Forward			R	
Section: 2 Bill No. 1 FOUNDATIONS				

	Brought Forward			R		
17	10mm Diameter bars	kg	685			
	<u>High tensile steel reinforcement to structural concrete work</u>					
18	10mm Diameter bars	kg	250			
19	12mm Diameter bars	kg	360			
	<u>Fabric reinforcement</u>					
20	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	470	Rate Only		
	<u>MASONRY</u>					
	<u>(HAYLETT FORMULA WORK GROUP NO. 116)</u>					
	<u>Brickwork in extra hard burnt clay bricks in cement mortar with all joints grouted in solid with liquid cement mortar</u>					
21	Half brick wall.	m2	20			
22	One brick wall	m2	98			
	<u>BRICKWORK SUNDRIES:</u>					
	<u>Brickwork reinforcement</u>					
23	Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured nett).	m	90			
24	Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured nett).	m	585			
	<u>FACED BRICKWORK</u>					
	<u>External facings (PC R 2 200/1000) pointed with square recessed horizontal and vertical joints:</u>					
25	Extra over ordinary brickwork for facing and pointing in stretcher bond	m2	49			
	Carried Forward to Summary of Section No: 2			R		
	Section: 2					
	Bill No. 1					
	FOUNDATIONS					

Item No	Quantity	Rate	Amount
<u>SECTION 2</u> <u>BILL NO 2</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT:</u> NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 110 for Haylett Formula purposes. NOTE: Cost of tests: The costs of making, storing and testing of concrete test cubes as required under the applicable SANS clause and shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Architect. (Test cubes are measured separately). NOTE: Formwork: Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for re-conditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself. Formwork to soffits of solid slabs, etc. shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described. Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the Engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost Carried Forward Section: 2 Bill No. 2 CONCRETE, FORMWORK AND REINFORCEMENT			
		R	

Brought Forward			R	
thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks".				
<u>SUPERSTRUCTURE:</u>				
<u>CONCRETE TEST CUBES (PROVISIONAL):</u>				
1	Prepare set of three 150 x 150 x 150mm concrete strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Engineer. Only successful tests will be paid for.	No	10	
<u>REINFORCED CONCRETE:</u>				
<u>Reinforced concrete with a coarse aggregate of 19mm and a minimum compressive strength of 25MPa at 28 days:</u>				
2	In floor slab cast over waterproofing membrane (elsewhere).	m3	85	
<u>Reinforced concrete with a coarse aggregate of 19mm and a minimum compressive strength of 30MPa at 28 days:</u>				
3	In ring beam	m3		Rate Only
<u>SUNDRIES</u>				
4	Power float finish to surface of ground floor slab, walkways, etc.	m2	490	
5	Woodfloated finish to surface of surface beds, walkways, etc.	m2	490	
<u>PRECAST CONCRETE</u>				
<u>User note:</u>				
<u>"Winblok" modular precast concrete window surrounds etc finished smooth on exposed surfaces including bedding, jointing and pointing</u>				
Window surrounds are to be built into brick walls and pointed all round on both sides with 10 x 10mm square recessed joints				
Carried Forward			R	
Section: 2 Bill No. 2				
CONCRETE, FORMWORK AND REINFORCEMENT				

Brought Forward			R	
Prices are to include for building in as single units or combinations in patterns of two or more window units and for bedding solid all round in mortar and pointing				
<u>Note:</u> Steel windows, glazing and pointing with sealing compound are measured elsewhere				
6	590 x 590 x 260mm Type WB66 window surround	No		Rate Only
<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
<u>(HAYLETT FORMULA WORK GROUP NO. 111):</u>				
<u>Rough formwork to sides and soffits</u>				
<u>Rough formwork to sides</u>				
7	Beams	m2	20	Rate Only
8	Edges, risers, ends and reveals not exceeding 150mm high or wide.	m	190	
<u>MOVEMENT JOINTS:</u>				
<u>(HAYLETT FORMULA WORK GROUP NO. 110):</u>				
<u>Horizontal joggle construction joints through concrete including thick cement slurry to one face</u>				
9	Slabs 150mm thick	m	380	
<u>Saw cut joints</u>				
10	10 x 15mm Saw cut joints in two operations in top of concrete	m	380	
<u>REINFORCEMENT</u>				
<u>(HAYLETT FORMULA WORK GROUP NO. 114):</u>				
<u>Mild steel reinforcement to structural concrete work</u>				
11	8mm Diameter bars	kg	100	Rate Only
Carried Forward			R	
Section: 2				
Bill No. 2				
CONCRETE, FORMWORK AND REINFORCEMENT				

Brought Forward

R

High tensile steel reinforcement to structural concrete work

12	12mm Diameter bars	kg	100	Rate Only
13	16mm Diameter bars	kg	100	Rate Only

Fabric reinforcement

14	Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	470	
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Carried Forward to Summary of Section No: 2

R

Section: 2
Bill No. 2

CONCRETE, FORMWORK AND REINFORCEMENT

Brought Forward			R
NOTE:Decorative Blocks:			
Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour.			
NOTE: Samples:			
Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30000 units delivered to site.			
<u>SUPERSTRUCTURE:</u>			
<u>(HAYLETT FORMULA WORK GROUP NO. 116):</u>			
<u>Brickwork of NFP bricks in class II mortar:</u>			
Half brick wall.	m2	98	Rate Only
Half brick wall in beamfilling.	m2		
One brick wall.	m2	1120	
<u>BRICKWORK SUNDRIES:</u>			
<u>Joint forming material in movement joints</u>			
Movement joint formed of 10mm bitumen impregnated fibre board built in vertically between steel columns and brick walls	m2	80	Rate Only
Movement joint not exceeding 300mm wide formed of 10mm bitumen impregnated softboard built in vertically between brick work and steel column	m	320	
<u>Brickwork reinforcement</u>			
Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured nett).	m	240	
Carried Forward			R
Section: 2 Bill No. 3 MASONRY			

Brought Forward

R

- | | | | | | |
|---|---|---|------|--|--|
| 7 | Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured nett). | m | 2772 | | |
|---|---|---|------|--|--|

75 x 150mm Prestressed fabricated lintels

- | | | | | | |
|---|-------------------------------------|---|----|-----------|--|
| 8 | Lintols not exceeding 3000mm. | m | 65 | | |
| 9 | Exceeding 3m but not exceeding 4.5m | m | 5 | Rate Only | |

Galvanised wire ties etc

- | | | | | | |
|----|--|----|-----|--|--|
| 10 | 30 x 1,6mm Wall tie 500mm long with one welded to steel columns and other end built into brickwork | No | 290 | | |
|----|--|----|-----|--|--|

Air bricks etc

- | | | | | | |
|----|---|----|----|--|--|
| 11 | Set of three 222 x 155mm terra-cotta vermin proof air bricks above each other with gauze backing and building into opening in brickwork in cement mortar. | No | 15 | | |
|----|---|----|----|--|--|

FACED BRICKWORK:

"Berts" red brick rock faced brickwork (PC R 2 500/1000) pointed with square recessed horizontal and vertical joints:

- | | | | | | |
|----|---|----|-----|-----------|--|
| 12 | Extra over ordinary brickwork for facing and pointing | m2 | 725 | | |
| 13 | Extra over brickwork in beamfilling for face brickwork. | m2 | 5 | Rate Only | |

Carried Forward to Summary of Section No: 2

R

Section: 2
Bill No. 3
MASONRY

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 4</u>			
	<u>WATERPROOFING:</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 120 for Haylett Formula purposes.			
	<u>DAMP-PROOFING OF WALLS AND FLOORS</u>			
1	375 Micron embossed black polyethylene damp-proof course to walls, cills, etc. (measured nett).	m2	95	
	<u>Colour coded polyethylene sheeting complying with SABS 952, 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 sheeting laid loose on top of sand bed (elsewhere) under solid floors with pressure sensitive tape jointing.	m2	490	
	<u>JOINT SEALANTS ETC</u>			
	<u>Polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
3	6 x 10mm In saw cut joints in floors	m	380	
	<u>10mm Silicone sealing compound including backing cord, bond breaker, primer, etc</u>			
4	10 x 15mm In vertical expansion joints including raking out expansion joint filler as necessary	m	380	
	Carried Forward to Summary of Section No: 2		R	
	Section: 2			
	Bill No. 4			
	WATERPROOFING			

Amount
No

SECTION 2

BILL NO 5

ROOF COVERINGS, ETC.:

NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 124 for Haylett Formula purposes.

PROFIED METAL SHEETING AND ACCESSORIES

0,58mm "Chromadek - Sandstone Beige" embossed galvanised troughed sheet steel with finish on one side in single lengths fixed to steel purlins or rails with 65mm Top Speed screws with 26mm diameter bonded washers and embossed galvanised sheet steel accessories with finish on one side all in accordance with the manufacturers' specifications

NOTE: The Contractor is to submit a certificate signed by the merchant, stating that the product bears a Blue Scope Steel Limited warrantee, that the products supplied complies with the required thickness and finishes specified.

1	Roof sheeting with pitch not exceeding 25 degrees fixed to steel purlins (elsewhere) on top of rigid roof insulation boarding (elsewhere).	m2	667	
2	Side cladding	m2	0	Rate Only
<u>SUNDRIES</u>				
3	Ridge capping 460mm girth	m	40	
4	Barge board trim flashing 460mm girth bent to form	m	80	
5	Serrated top end closer 175mm girth	m	40	Rate Only
6	Moulded narrow or broad flute polyclosers	m	40	Rate Only
7	Drip flashing 154mm girth	m	80	Rate Only

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R

Section: 2
Bill No. 5
ROOF COVERINGS, ETC.

Brought Forward			R		
8	Extra over roof covering for bullnose crank 100 degrees to 600mm radius at edge	m	80		
9	Extra over roof covering for reverse bullnose crank 100 degrees to 600mm radius at edge	m	80		
10	Extra over barge board trim flashing for 600mm radius curve	No	4		
<u>'Ampelite Cool-lite GC" IBR profile UV resistant gel coated fibreglass reinforced polyester sheeting with 38% diffused light transmission with 150mm end laps fixed in accordance with Ampelite fixing instructions to steel purlins or rails</u>					
11	Side cladding	m2	330	Rate Only	
<u>"Isoboard" high density extruded polystyrene rigid thermal insulation board in tongue and groove profile, painted one side</u>					
12	50mm Insulation boards in 600mm widths in long lengths laid over purlins (at approximately 1 300mm centres) and fixed concurrent with roof covering including holes through boards etc	m2	640		
Carried Forward to Summary of Section No: 2				R	
Section: 2					
Bill No. 5					
ROOF COVERINGS, ETC.					

Item No	Quantity	Rate	Amount
<u>SECTION 2</u>			
<u>BILL NO 6</u>			
<u>CARPENTRY AND JOINERY:</u>			
NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 126 for Haylett Formula purposes.			
NOTE: TIMBER: (ALL SOFTWOOD TO BE SOUTH AFRICAN PINE):			
<u>NOTE: DESCRIPTIONS:</u>			
The term "planted on" shall mean nailing of one timber member to another.			
The term "screwed on" shall mean the countersunk screwing of one timber member to another.			
The term "screwed on and pelleted" shall mean the screwing of one timber member to another with the heads of screws sunk and pelleted.			
Descriptions of floors, ceilings, joinery, etc. shall be deemed to include for all square cutting.			
Descriptions of items given in lineal metre shall be deemed to include for mitres, stopped ends, fitted intersections, etc.			
Descriptions of rounded angles, rebates, grooves, chamfers, moulded edges, etc. shall be deemed to include for angles, ends, etc.			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pinned to brickwork or concrete.			
<u>NOTE: Decorative laminate finish:</u>			
Laminate finish shall be glued under pressure. Edge strips shall be butt joined at junctions with adjacent similar finish.			
Carried Forward		R	
Section: 2 Bill No. 6 CARPENTRY AND JOINERY			

Brought Forward

R

DOORS:

NOTE: All framed and ledged batten doors and combination doors, where battens are utilised, shall only be of construction acceptable to the Architect, i.e. mortice and tennon where the tennon is exposed on the outside edges of styles and where the tennon is wedged to form a dovetail shape **(CKS type)**.

45mm Semi-solid flush doors with 3,2mm standard hardboard covering on both sides hung to steel frames

1 44 x 813 x 2032mm doors **No** 19

2 44 x 1067 x 2032mm door **No** 4

Rate Only

Wrought Meranti doors hung to timber frames:

3 44 x 1 511 x 2 032mm Framed, ledged and braced batten double door with rebated meeting stiles, each leaf of 44 x 140mm top rail, middle rail, stiles, 20 x 140mm braces and 44 x 220mm bottom rail, filled in flush one side with 20 x 75mm tongued, grooved and V-jointed vertical boarding and other side flush with 6mm timber panelling, fixed in groove to framework around. **No** 2 Rate Only

4 44 x 1 626 x 2 032mm Framed double glazed door in two equal leaves with flush, rebated meeting stiles, each leaf of 44 x 110mm top rail, stiles and middle rail and 44 x 220mm bottom rail, door panel in two uneven panes to be glazed (elsewhere), rebated all round including 8 x 16mm glazing beads on one side **No** 2

FRAMED FRAMES ETC

Wrought meranti

5 19mm Quadrant bead planted on **m** 30

6 120 x 80mm Rebated and splayed frames bolted **m** 30

JOINERY FITTINGS:

Carried Forward

R

Section: 2
Bill No. 6
CARPENTRY AND JOINERY

Brought Forward

R

Wrought Meranti:

- 7 Slatted, seats, of 38 x 45mm twice slightly angle rounded slats at 75mm centres screwed from underside through steel including holes

m2

5

COST PRICE ITEMS

VANITY SLABS AND COUNTERS TO ABLUTION AND TOILET FACILITIES

- 8 Provide the sum of R50 000 (Fifty Thousand Rand) for veneered Supawood vanity slabs details to follow

No

1.00

- 9 Attendance on last

No

1.00

- 10 Profit on last

No

1.00

SHELVING FOR STOREROOM

- 11 Provide the sum of R 15 000 (Fifteen Thousand Rand) for veneered Supawood counter top with lockable drawers, cupboards, etc. to ticket office as per architects details

No

1.00

- 12 Attendance on last

No

1.00

- 13 Profit on last

No

1.00

KITCHEN FLOOR AND WALL CABINETS

- 14 Provide the sum of R 25 000 (Twenty Five Thousand Rand) for veneered Supawood kitchen floor and wall units as per architects details

No

1.00

- 15 Attendance on last

No

1.00

- 16 Profit on last

No

1.00

Carried Forward to Summary of Section No: 2

R

Section: 2
Bill No. 6

CARPENTRY AND JOINERY

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 7</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING:</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 126 for Haylett Formula purposes.			
	NOTE: 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 not exceeding 600mm centres and where described as "bolted" the bolts have been given elsewhere.			
	<u>SUSPENDED CEILINGS</u>			
	<u>Proprietary suspended ceilings</u>			
	<u>Note:</u>			
	Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility inseting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)			
	<u>1 200 x 600 x 12,5mm Vinyl clad gypsum ceiling panels with white embossed finish on "Donn" white powder coated aluminium pre-painted exposed tee suspension system including main and cross tees, necessary hangers, grids, etc</u>			
1	Horizontal ceiling suspended average not exceeding 1m below steel purlins	m2	145	
2	Horizontal ceiling suspended average exceeding 1m and not exceeding 2m below steel purlins	m2	145	
	Carried Forward		R	
	Section: 2 Bill No. 7			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			

Brought Forward			R		
3	Horizontal ceiling suspended average exceeding 2m and not exceeding 3m below steel purlins	m2	145		
4	Extra over ceiling for opening for not exceeding 150mm diameter downlighter	No	20		
<u>"Donn SM25" shadow line powder coated metal cornices to suspended ceilings:</u>					
5	47 x 35mm 'SM25' recessed shadowline cornice plugged (code LSM 25)	m	105		
<u>PARTITIONS ETC</u>					
<u>"Doors Direct " wooden folding stacking sliding doors including frames, sliding gear, locks, flush bolts, sundry ironmongery, 6mm clear toughened safety glass and standard sealer finish fixed to brickwork or steel</u>					
6	Full pane folding stacking door size 4 200 x 2 115mm high unit in six leaves, three leaves stacking to the left and three to the right hand side	No	1	Rate Only	
Carried Forward to Summary of Section No: 2				R	
Section: 2 Bill No. 7					
CEILINGS, PARTITIONS AND ACCESS FLOORING					

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u> <u>BILL NO. 8</u> <u>FLOOR COVERINGS, PLASTIC LININGS, ETC.</u> <u>(CPAP WORK GROUP NO. 130 UNLESS OTHERWISE STATED)</u> For preambles see "Model Preambles for Trades" <u>SUPPLEMENTARY PREAMBLES</u> Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the architect <u>FLOOR TILES AND SHEETING</u> <u>FLOOR COVERINGS</u> <u>350 x 350 Matt Finish "Victor Grey" Floor Tile or similar approved</u>			
1	On floors	m2	145	
	Carried Forward to Summary of Section No: 2 Section: 2 Bill No. 8 FLOOR COVERINGS, WALL LININGS, ETC.		R	

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 9</u>			
	<u>IRONMONGERY:</u>			
	NOTE:Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 132 for Haylett Formula purposes.			
	NOTE:Where ironmongery is referred to by a trade name or catalogue number, it may be replaced by another product of equal quality with the prior written approval of the Architect.			
	NOTE:Where ironmongery is described as plugged, prices are to include for screwing to and including approved patent plugs in concrete or brickwork with plaster or tiled finish.			
	NOTE:All locks to be supplied with at least two keys.			
	NOTE:Finishes to ironmongery:			
	Where applicable, finishes to ironmongery are indicated by suffixes in accordance with the following list:			
	BS Satin bronze lacquered			
	CH Chromium plated SC Satin chromium plated			
	SE Silver enamelled GE Grey enamelledAS Anodised silver			
	AB Anodised bronze			
	AG Anodised gold			
	ABL Anodised black			
	PB Polished brass			
	PL Polished and lacquered PT Epoxy coated			
	SD Sanded			
	<u>HINGES, BOLTS, ETC</u>			
1	150mm Heavy duty brass hinge with nylon washers	No	8	
	<u>"Solid" or similar approved product</u>			
2	75mm SC brass barrel bolt with keep fixed to metal	No	6	
3	75mm SC brass barrel bolt with keep let into concrete	No	6	
	<u>CATCHES, CABIN HOOKS, ETC</u>			
	Carried Forward		R	
	Section: 2			
	Bill No. 9			
	IRONMONGERY			

Brought Forward

R

"Union"

- | | | | |
|---|---|----|----|
| 4 | 150mm CP cabin hook and eye including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged | No | 10 |
|---|---|----|----|

LOCKS:

- | | | | |
|---|--|----|----|
| 5 | "Union 37651AS" helping hand indicator bolt with striking plate fixed to metal | No | 22 |
|---|--|----|----|

The following locks are to be suitable for master and grand master key operation

- | | | | |
|---|---|----|----|
| 6 | 75mm two lever upright mortice lockset with satin chrome furniture and striking plate | No | 13 |
| 7 | 75mm three lever upright mortice lockset with satin chrome furniture and striking plate | No | 4 |
| 8 | Master key | No | 2 |
| 9 | Grand master key | No | 2 |

"Union"

- | | | | |
|----|--|----|---|
| 10 | 120 x 120 x 80mm Deep powder coated metal box with break glass front window key holder plugged | No | 1 |
|----|--|----|---|

PUSH PLATES AND KICKING PLATES

- | | | | |
|----|--|----|---|
| 11 | 150 x 300 x 3mm Thick satin finished stainless kicking plate back glued and screwed to door. | No | 4 |
| 12 | 813 x 200 x 3mm Thick satin finished stainless kicking plate back glued and screwed to door. | No | 4 |

DOOR CLOSERS

- | | | | |
|----|---|----|---|
| 13 | Britton No 8001 overhead door closer screwed to timber door and steel frame. | No | 4 |
| 14 | "Britton" delayed action overhead door closer screwed to timber door and steel frame. | No | 1 |

Carried Forward to Summary of Section No: 2

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 10</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 134 for Haylett Formula purposes.			
	NOTE: Descriptions of bolts shall be deemed to include nuts and washers			
	NOTE: Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork.			
	NOTE: Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.			
	<u>STEEL COLUMNS, BEAMS</u>			
	<u>Welded columns in single lengths with flat section base plates bolted to concrete</u>			
1	203 x 133 x 25kg/m H section columns built into wall	t 2.68	Rate Only	
2	254 x 146 x 37kg/m H section columns built into wall	t 5,40		
	<u>Welded beams in single lengths with flat section bearer and connection plates bolted to steel columns</u>			
3	127 x 64 x 14,926kg/m Taper flange channel beam	t 0.55		
4	178 x 102 x 22kg/m I-section joist with taper flange	t 0.71	Rate Only	
5	305 x 102 x 25kg/m Universal beam	t 0.1	Rate Only	
	Carried Forward		R	
	Section: 2			
	Bill No. 10			
	STRUCTURAL STEELWORK			

Brought Forward			R	
<u>Bolts to columns, beams, etc</u>				
6	300 x 300 x 16mm Column base plate four times holed for bolts (elsewhere) and welded on 256x146x31 I Section	t	0.284	
7	350 x 350 x 16mm Column base plate four times holed for bolts (elsewhere) and welded on (In no 32)	t	0.15	Rate Only
8	24mm Diameter L-shaped anchor bolt 650mm embedded in top of concrete.	No	100	
<u>THE FOLLOWING IN FRAMED, MITRED AND WELDED MILD STEEL ROOFING TRUSSES</u>				
<u>Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates bolted to steel</u>				
9	100 x 50mm parallel flange channel girder - 10,1kg/m	t	0,32	Rate Only
10	60 x 60 x 6mm Angle section bracing and cross bracing - 5,423kg/m	t	3	Rate Only
11	70 x 70 x 6mm Angle section bracing - 6,38kg/m	t	3.7	
12	90 x 90 x 6mm Angle section bracing - 8,297kg/m	t	4.4	
13	8mm Connection plates welded (15003-1001)	t	1	
14	150 x 255 x 8mm Connection welded on (15003-1001)	t	1.5	
<u>Purlins and girts bolted to steel</u>				
15	100 x 75 x 20 x 2,5mm - 5,3kg/m Lipped channel in purlins	t	2.86	
16	100 x 75 x 20 x 2,5mm - 5,3kg/m Lipped channel side bracing	t	2.86	Rate Only
<u>Bolts to columns, beams, etc.</u>				
17	Grade 8.8 M12 bolts	No	96	Rate Only
Carried Forward			R	
Section: 2 Bill No. 10 STRUCTURAL STEELWORK				

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 11</u>			
	<u>PLASTERING:</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 142 for Haylett Formula purposes.			
	<u>SCREEDS:</u>			
	<u>Screeds on concrete:</u>			
1	25mm Thick on floors, etc.	m2	145	
2	32mm Average sloping towards outlet	m2	5	Rate Only
	<u>UNTINTED GRANOLITHIC FINISH ON CONCRETE</u>			
	<u>35mm thick</u>			
3	Threshold 115mm wide and average 35mm thick finished to fall with 100mm wide ribbed grooves in surface, the front edge rounded off and the back worked to vertical edge of weather bar (elsewhere)	m	10	Rate Only
	<u>INTERNAL PLASTER:</u>			
	<u>ONE COAT (1:4) CEMENT PLASTER FINISHED TO AN EVENLY FORMED STEEL TROWELLED SURFACE:</u>			
	<u>On brickwork:</u>			
4	On walls.	m2	1 050	
5	On narrow widths.	m2	20	
	<u>EXTERNAL PLASTER:</u>			
	<u>ONE COAT (1:3) CEMENT PLASTER FINISHED TO A SMOOTH AND EVEN STEEL TROWELLED SURFACE:</u>			
	Carried Forward		R	
	Section: 2			
	Bill No. 11			
	PLASTERING			

Brought Forward			R
<u>On brickwork:</u>			
6	On walls	m2	620
<u>DIVIDING STRIPS, ETC</u>			
7	5 x 32mm Flat section brass dividing strips between different floor finishes	m	20
Carried Forward to Summary of Section No: 2			R
Section: 2			
Bill No. 11			
PLASTERING			

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 12</u>			
	<u>TILING:</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 144 for Haylett Formula purposes.			
	NOTE: Descriptions:			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors, etc. shall be deemed to include 1:3 plaster bedding.			
	<u>WALL TILING:</u>			
	<u>230 x 230 x 8mm "Johnson & Johnson" white glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere):</u>			
1	On walls	m2	210	
2	On walls in isolated panels, splashbacks, etc	m2	20	
	<u>FLOOR TILING:</u>			
	<u>300 x 300 x 12mm Through colour Terracotta non slip floor tiles or other approved fixed with adhesive</u>			
3	On floors	m2	145	
4	Skirting 100mm high of cut floor tiles	m	105	
	<u>300 x 300 x 25mm "Union" Terrazzo non slip cementitious composite floor tiles or other approved butt jointed and bedded in class I mortar</u>			
5	On floors and landings	m2	35	
	Carried Forward		R	
	Section: 2			
	Bill No. 12			
	TILING			

Brought Forward

R

6 300mm Wide edge/nosing tile in stretcher course

m

30

Mosaic tiles in prescribed colour

7 On shower floor

m2

5

Rate Only

Extra over tiling for:

8 150 x 150mm white glazed single soap holder and building into tiled or plastered wall including forming recess in brickwork and making good

No

6

Rate Only

Carried Forward to Summary of Section No: 2

R

Section: 2
Bill No. 12
TILING

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 13</u>			
	<u>PLUMBING AND DRAINAGE</u> <u>(PROVISIONAL):</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 148 for Haylett Formula purposes.			
	NOTE: "Polycop" polypropylene pipes:			
	Polypropylene pipes 54mm diameter and under shall be seamless copper coloured class 16 pipes, jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper as stated.			
	Pipes shall be firmly fixed to walls, etc. with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions.			
	All pipe diameters are nominal external.			
	NOTE: "Polylink" polypropylene pipes:			
	Polypropylene pipes 63mm diameter and over shall be class 12 pipes jointed with cast iron "Supraclamp" running joints.			
	Fusion welded bends, once or twice mitred as necessary and tees shall be factory manufactured.			
	Fusion welded bends and tees shall include jointing to pipes with PVC rubber ring double Z-joint couplers.			
	Branch tees shall include flanged and bolted joints to "Polycop" branch pipes in addition and for brass compression male iron to copper straight couplers.			
	Reducers shall include jointing to pipes with PVC rubber ring double Z-joint couplers and reducers shall be of sufficient overall length to accommodate the same.			
	All pipes shall be jointed and fixed strictly in accordance with the manufacturer's instructions.			
	All pipe diameters are nominal external.			
	Carried Forward		R	
	Section: 2			
	Bill No. 13			
	PLUMBING AND DRAINAGE			

Brought Forward

R

NOTE:uPVC pipes and fittings:

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.

NOTE:uPVC pressure pipes and fittings:

Pipes for water supply shall be of the class stated.

Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings.

Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints.

NOTE:Copper pipes:

Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016.Only compression fittings shall be used in walls or in ground.

NOTE:Lead pipes and traps:

All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel.

Carried Forward

R

Section: 2
Bill No. 13
PLUMBING AND DRAINAGE

Brought Forward

R

NOTE:Reducing fittings:

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc. will be entertained.

NOTE:Wire gratings:

Descriptions of gutter outlets, etc. shall be deemed to include wire balloon gratings.

NOTE:Septic tanks:

Description of septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc, all in accordance with the manufacturer's instructions

NOTE:Exposed concrete surfaces:

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc. shall be finished smooth with plaster.

NOTE:Excavations:

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

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

Carried Forward

R

Section: 2
Bill No. 13
PLUMBING AND DRAINAGE

Brought Forward NOTE:Laying, backfilling, bedding, etc. of pipes: Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturer's instructions. Where no manufacturers' instructions exist, pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200: L: 28 Medium-pressure pipelines LD: Sewers LE: Stormwater drainage Pipe trenches, etc., shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7, and 7 of SABS 1200 DB: Earthworks (Pipe trenches). Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 and 5.3 and 7 of SABS 1200 LB: Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding. NOTE:Flush pans: Flush pans shall have straight or side outlets and "P" or "S" traps as necessary NOTE:Stainless steel basins, sinks, wash troughs, urinals, etc.: Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable. NOTE:Waste unions: Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings. NOTE:Steel sectional water tanks: Tanks shall comply with SABS CKS 114.		R	
Carried Forward Section: 2 Bill No. 13 PLUMBING AND DRAINAGE		R	

Brought Forward

R

NOTE:"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd:

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described.

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc.

Prices for wrapping of pipes shall include for all work as described to couplings in the length.

SOIL DRAINAGE:

(HAYLETT FORMULA WORK GROUP NO. 146):

uPVC pipes:

- | | | | |
|---|---|----------|----|
| 1 | 110mm Pipes laid in and including trenches not exceeding 1000mm deep. | m | 60 |
|---|---|----------|----|

Extra over uPVC pipes for fittings:

- | | | | |
|---|------------------------|-----------|----|
| 2 | 110mm Bend. | No | 10 |
| 3 | 110mm Access junction. | No | 5 |

Precast Concrete gulleys

- | | | | |
|---|---|----------|---|
| 4 | 110mm dished gully not exceeding 1m deep including precast u-shaped surround. | m | 3 |
|---|---|----------|---|

Sundries:

- | | | | |
|---|---|-----------|----|
| 5 | Unreinforced concrete encasing to 50mm horizontal pipe. | m | 10 |
| 6 | Unreinforced concrete encasing to 110mm horizontal pipe. | m | 10 |
| 7 | 150 x 150 x 50mm Precast concrete inspection eye marker slab set in ground. | No | 5 |

Carried Forward

R

Section: 2
Bill No. 13
PLUMBING AND DRAINAGE

Brought Forward				R	
8	110mm UPVC cleaning eye with and including 300mm x 300mm cast iron cover and frame embedded in concrete and finished as per municipal requirements.	m	5		
<u>SANITARY FITTINGS:</u>					
<u>Note:</u>					
<u>All sanitary fittings to be sealed with approved silicone sealant to leave watertight against walls</u>					
<u>Stainless steel:</u>					
<u>"Franke Kitchen Systems (Pty) Ltd "(trading as "Citimetal") stainless steel</u>					
9	"Series 400" double sink bowl sink size 1250 x 535mm fitted to top of kitchen cabinet (kitchen cabinets by specialist).	No	1		
<u>"Vaal"</u>					
10	"Vaal Flatback Code 7053" vitreous china wall mounted flatback urinal with 38mm chromium plated domical grating, spreader and two hanger brackets and with "Flushmaster Junior FJ6.000" urinal flush valve	No	9		
11	White wash hand basin with ceramic foot piece size 510 x 350 x 150mm including 3 holes for taps and overflow, etc	No	10		
12	WC suite comprising white vitreous china pan with P or S trap, 9 litre low-level white vitreous china cistern complete with valveless syphonic fitting, ball valve and matching flush pipe and heavy duty white single flap seat	No	14		
<u>WASTE UNIONS, ETC.:</u>					
<u>"Cobra Watertech":</u>					
13	32mm Cobra chrome plated "301" basin waste code 301 with backnut, plug, chain and stay	No	10		
14	40mm Cobra code 316 unslotted sink waste chrome plated complete with backnut, plug and chain	No	10		
Carried Forward				R	
Section: 2 Bill No. 13 PLUMBING AND DRAINAGE					

Brought Forward

R

TRAPS, ETC.:

Butyl rubber "Flexi":

15 32-40mm Flexitrap or other approved butyl rubber deep seal P or S trap **No** 14

16 40 x 300mm Sink combination for double bowl with deep seal "P" or "S" trap **No** 1

"Cobra Watertech":

17 32mm "345/50" CP bottle trap. **No** 5

18 "373" Brass shower trap with CP grating. **No** 6

Brass:

19 50mm Floor trap including 75mm chromium plated grating **No** 1

"Rofo Sales CC":

20 125mm Diameter " RO 125 V (H) NW50 stainless steel full floor drain and trap complete cast into concrete surface bed at correct level and jointed to uPVC waste pipe **No** 2

TAPS, VALVES, ETC.:

Brass:

21 20mm Fullway gate valve **No** 1

22 25mm Fullway gate valve **No** 1

23 20mm Bibcock with hose union **No** 2

24 22mm "131" Brass stopcock. **No** 2

25 50mm Fullway gate valve **No** 1

"Cobra Watertech":

26 15mm chromium plated "Ballostop" or other approved stopcock **No** 22

Carried Forward

R

Section: 2
Bill No. 13
PLUMBING AND DRAINAGE

		Brought Forward		R	
27	22mm chromium plated "Ballostop" or other approved stopcock	No	2		
28	15mm 100RB bibcock	No	2		
29	15mm "Cobra 111-15 CP Star" raised nose pillar tap	No	22		
30	20mm "Cobra 226/041 CP Star" sink mixer complete with extention pieces and wall flanges	No	1		
31	Shower set comprising two 15mm "Cobra Aquila code 186" chromium plated brass undertile stopcocks including extentions and wall flanges, one "Cobra code 826" chromium plated brass shower arm with wall flange and one "Cobra code KP2.6 Vandelmaster" chromium plated brass shower rose	No	6		
32	50mm "Kent M100" brass water meter with strainer	No	1		
33	"Cobra PB1.10RB" vacuum breaker	No	1		
34	"Masterbox" 100kPa house water system complete with non-return valve, expansion relieve valve, strainer and ball stop including connections to pipes	No	1		
	<u>SANITARY PLUMBING:</u>				
	<u>uPVC pipes:</u>				
35	50mm Pipes.	m	15		
36	50mm pipe and excavations not exceeding 1m deep	m	32		
37	80mm pipe and excavations not exceeding 1m deep	m	20		
38	110mm Pipes fixed to walls	m	4		
	<u>Extra over uPVC pipes for fittings:</u>				
39	50mm Bend	No	17		
40	50mm Access bend.	No	8		
41	80mm Access bend.	No	5		
42	100mm Bend	No	3		
	Carried Forward			R	
	Section: 2				
	Bill No. 13				
	PLUMBING AND DRAINAGE				

Brought Forward			R		
43	110 x 50mm Tee connection	No	6		
44	100 x 50mm Reducer	No	1		
45	110mm Access heel bend.	No	11		
46	100mm Straight pan connector	No	11		
47	100mm Access junction	No	5		
48	100mm Access reducing junction	No	5		
49	100mm VP stub stack fitting with ABC cleaning eye lid and multiple connections for 50mm waste	No	11		
<u>WATER SUPPLIES:</u>					
<u>Class O copper pipes:</u>					
50	15mm Pipes.	m	44		
51	22mm Pipes.	m	19		
52	28mm Pipes.	m	15		
<u>Extra over class O copper pipes for capillary fittings:</u>					
53	15mm Fittings.	No	37		
54	22mm Fittings.	No	10		
55	28mm Fittings.	No	8		
<u>Copper overflow and service pipes:</u>					
56	15mm service pipe 350mm girth	No	44		
57	22mm service pipe 350mm girth	No	2		
<u>TAPS, VALVES, ETC.:</u>					
<u>Brass</u>					
58	20mm Bibcock with hose union	No	2		
Carried Forward				R	
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Brought Forward

R

"Thermaflex" pipe insulation

59	Insulation to 22mm pipe and couplings	m	19
60	Insulation to 28mm pipe and couplings	m	15
61	Extra for wrapping around electrical water heaters	No	3

SUNDRIES

(HAYLETT FORMULA WORK GROUP NO. 148)

62	Excavate in earth for and build stop cock box size 225 x 225 x 600mm deep internally with half brick sides in cement mortar with 225 x 225mm regulation pattern cast iron hinged box Type 11B set in and including 15MPa/19mm mass concrete surround size 75mm wide x 100mm deep all round	No	1
63	Excavate in earth not exceeding 1m deep for and build circular type precast concrete valve and meter chamber formed of 750mm diameter (internal) precast concrete rings with and including type 11A cast iron valve box and 860mm diameter x 160mm thick "Salberg" or other approved heavy duty precast concrete rebated cover slab 125mm thick and precast concrete spacer slab with opening for and pavement type manhole cover and frame as type 4 set in cement mortar and sealed in tallow and with fine mass concrete filling in bottom floated smooth with falls and finished on all exposed surfaces with 25mm thick granolithic with angles rounded including all necessary step irons, etc	No	1
64	Extra over excavations in earth for pipe trenches, etc for excavations in soft rock	m3	2
65	Extra over excavations in earth for pipe trenches, etc for excavations in hard rock	m3	2
66	15MPa/19mm mass concrete in thrust blocks around fittings including necessary additional excavations, formwork, etc	m3	5

ELECTRIC WATER HEATERS:

Carried Forward

R

Section: 2
Bill No. 13
PLUMBING AND DRAINAGE

FIRE APPLIANCES ETC

69	4,5kg DCP dry powder portable fire extinguisher on and including wrought meranti backboard size 1000 x 255 x 25mm thick plugged and screwed to wall and finished with two coats of polyurethane varnish, including 120 x 20 x 2mm mild steel strip bent to form hook	No	7
70	"Everyway" hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket	No	4

TESTING:

71	Testing water pipe system per block of flats	No	1
----	--	----	---

BUILDER'S WORK, INCLUDING ALL MAKING GOOD:

72	Fair cutting and fitting ceramic tiles around pipe not exceeding 50mm diameter.	No	10
73	Fair cutting and fitting ceramic tiles around pipe not exceeding 100mm diameter.	No	1
74	Fair cutting and fittings face bricks around pipe not exceeding 50mm diameter.	No	21
75	Fair cutting and fittings face bricks around pipe not exceeding 100mm diameter.	No	11

Carried Forward to Summary of Section No: 2

Section: 2
Bill No. 13

PLUMBING AND DRAINAGE

R

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL NO 15</u>			
	<u>PAINTWORK:</u>			
	NOTE: Unless otherwise stated, all items in this bill shall be deemed to fall into Work Group No. 152 for Haylett Formula purposes.			
	<u>PAINTWORK, ETC. TO NEW WORK:</u>			
	<u>Prepare, stop and paint one coat alkali resistant primer, undercoat and two full coats acrylic emulsion paint for interior use</u>			
1	Internal walls.	m2	1 050	
	<u>Prepare, stop and paint one undercoat and two full coats acrylic emulsion paint for interior use</u>			
2	On "Polystyrene" ceiling panels prior to installation	m2	1 050	
	<u>Prepare, stop and paint one coat alkali resistant primer, undercoat and two full coats acrylic emulsion paint for exterior use</u>			
3	On external plastered walls	m2	620	
4	On narrow widths and bands not exceeding 300 mm wide or girth	m2	10	
	<u>ON SMOOTH CONCRETE:</u>			
	<u>Prepare, stop and paint one coat alkali resistant primer, undercoat and two full coats acrylic emulsion paint for interior use</u>			
5	On internal mouldings and bands not exceeding 300 mm wide or girth	m	106	Rate Only
6	On window frames	m2	80	Rate Only
	<u>ON METAL:</u>			
	Carried Forward		R	
	Section: 2			
	Bill No. 15			
	PAINTING			

Brought Forward			R		
<u>Prepare, touch up factory primer, paint one coat zinc chromate primer, undercoat and two full coats high gloss enamel paint</u>					
7	Door frames.	m2	23		
8	On welded mesh burglar bars (both sides measured)	m2	31		
9	On members of lattice columns and beams	m2	754		
10	On members of roof trusses	m2	1 214		
11	On members of steel pavilion	m2	219		
12	Gates, grilles, burglar screens, balustrades, etc. (both sides measured over the full flat area).	m2	53		
13	Rails, bars, pipes, etc. not exceeding 300mm girth.	m	15		
<u>ON WOOD:</u>					
<u>Prepare, stop and apply three coats polyurethane clear eggshell varnish, lightly sanded down between coats</u>					
14	Doors.	m2	37		
15	Slatted seats (both sides measured)	m2	10		
16	Sliding stacking doors (both sides measured)	m2	107		
17	Rails, bands, etc. not exceeding 300mm girth.	m	33		
<u>ON RUBBER:</u>					
<u>Prepare and paint two coats suitable paint on rubber flooring</u>					
18	Line 50 mm wide	m	356		
Carried Forward to Summary of Section No: 2				R	
Section: 2					
Bill No. 15					
PAINTING					

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION 3 - EXTERNAL WORKS</u>			
	<u>BILL NO. 1</u>			
	<u>GENERAL SITE WORKS</u>			
	NOTE : Unless otherwise stated herein all items in this bill shall be deemed to fall into Work Group No. 104 for Haylett Formula purposes			
	NOTE : Note that short descriptions of items shall be used in External Works and that the tenderer should refer to the section Buildings and Preambles for full descriptions where applicable.			
	NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density			
	Descriptions of excavations shall be deemed to include for setting aside surplus excavated material in spoil heaps for use as filling or for depositing within 150m of the perimeter of the excavations and spreading and roughly levelling as directed, as well as for increase in bulk and multiple handling of excavated material caused by the contractor's method of operation.			
	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 and for bulking.			

	<u>EARTHWORKS</u>			
	<u>SITE CLEARANCE ETC</u>			
	<u>Site clearance</u>			
1	Stripping average 100mm thick layer of top soil and stockpiling on site	m2	1 050	
	<u>REMOVAL OF TREES ETC</u>			
	<u>Taking out and removing, grubbing up roots and filling in holes</u>			
2	Tree stump exceeding 200mm and not exceeding 500mm girth	No	2	
	Carried Forward		R	
	Section: 3 Bill No. 1 GENERAL SITE WORKS			

	Brought Forward			R		
3	Tree stump exceeding 500mm and not exceeding 1000mm girth	No	2			
	<u>Cutting down trees and removing, grubbing up roots and filling in holes</u>					
4	Trees exceeding 200mm and not exceeding 500mm girth	No	10			
	<u>BULK EXCAVATION, FILLING, ETC</u>					
5	Open face excavation	m3	350			
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</u>					
6	Over site	m3	100			
	<u>Earth filling supplied by the contractor compacted to 93% Mod AASHTO density</u>					
7	Over site	m3	250			
	<u>Earth filling supplied by the contractor compacted to 98% Mod AASHTO density</u>					
8	Over site	m3	108			
9	100mm Crusher run base course under buildings	m3	65			
	<u>Compaction of surfaces</u>					
10	Compaction of ground surface under floors etc including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	1 050			
	<u>PARKING AND PAVING, ETC. (PROVISIONAL)</u>					
	<u>EARTHWORKS</u>					
	<u>(HAYLETT FORMULA WORK GROUP NO. 104)</u>					
11	25mm thick layer clean, dry, riversand layer spread and levelled to receive paving blocks (elsewhere)	m2	300			
	Carried Forward			R		
	Section: 3					
	Bill No. 1					
	GENERAL SITE WORKS					

Brought Forward

R

SOIL POISONING

Approved weedkiller mixed in the proportion and applied to manufacturer's specification

12 Under paving, stone filling, etc m2 300

PRECAST CONCRETE

(HAYLETT FORMULA WORK GROUP NO. 112)

The following in apron around building:

13 60mm thick precast concrete interlocking block paving laid to falls on sand layer (elsewhere) with joints filled in with sand including all straight cutting m2 300

14 Extra over for brick on edge, edging on concrete base m 60

15 Semi vertical kerbing to SABS 927 Fig. 4 in 1m lengths with 10mm wide butt joints filled in with cement mortar and pointed with grooved half round joints and 10mm wide open butt joints at 5m centres including 15MPa/19mm mass concrete bedding size 50mm thick x 300mm wide and 20MPa/19mm mass concrete haunching size 225mm long x 225mm high x 150mm thick at joints and backfilling at back of kerbs, topsoiled and levelled to adjacent surfaces m 50 Rate Only

SECURITY FENCING (PROVISIONAL)

CONCRETE

(HAYLETT FORMULA WORK GROUP NO. 110)

16 Base for intermediate post, size 600 x 600 x 580mm, including all excavations, 15MPa/38mm mass concrete base with chamfered top surface projecting 50mm above surrounding ground level including any necessary formwork, etc No 50

17 Base for stays, post, etc., size 750 x 600 x 500mm, including all excavations, 15 MPa/38mm mass concrete base with chamfered top surface projecting 50mm above surrounding ground level including any necessary formwork, etc No 4

METALWORK

Carried Forward

R

Section: 3

Bill No. 1

GENERAL SITE WORKS

Brought Forward

R

(HAYLETT FORMULA WORK GROUP NO. 136)

Security fencing including site clearance and preparation of ground

18	Security fencing 2,1m high formed of 4 strands of 2,24mm high tensile strength plain straining wires, two strands of oval shaped barbed wire, each strand formed of high tensile strength twisted double strand 2,6mm thick galvanised wires incorporating 3 barbs in every twist at 150mm centres mechanically strained between straining and/or gate and corner posts at maximum 100m centres with one end passed through holes and securely tied to posts and other end securely tied to and including eyebolts bolted onto posts; each strand tied at maximum 3,7m centres to standard and dropper posts (elsewhere) with and including 2,5mm galvanised binding wire; the fence complete with 64 x 64 x 2,5mm diamond mesh 1 ,8m high fixed to straining wires and posts with 2,5mm binding wires and with and including one row of flat wrap razor security wire in 300mm diameter vertical loops fixed at each intersection with barbed straining wires with and including 2,5mm galvanised binding wire all as per details.	m	300
19	2,5 Kg/m Y-profile upright dropper posts 2,68m long setting up in position in fence.	No	100
20	50mm diameter x 2,8mm thick galvanised horizontal stay 2,0m long with both ends flattened for a length of 180mm, holed for and bolted to posts with and including M12 galvanised mild steel bolts with nuts and washers including drilling holes through posts.	No	10
21	50mm diameter x 2,95mm thick galvanised intermediate post 2,98m long with mushroom cap welded onto top and with 230 x 230 x 5mm mild steel base plate, once holed in centre, welded onto bottom end including setting up and embedded in position concrete base (elsewhere)	No	25
22	101,6mm diameter x 2,95mm thick galvanised straining post 2,98m long with mushroom cap welded onto top; the post 6 times holed for straining wires or eyebolts and with 230 x 230 x 5mm mild steel base once holed in centre, plate welded onto bottom end; the post complete with and including setting up post and stay and embedding in position in concrete bases (elsewhere)	No	6

Carried Forward

R

Section: 3
Bill No. 1
GENERAL SITE WORKS

Brought Forward			R		
23	101,6mm diameter x 2,95mm thick galvanised end or gate post 2,98m long with mushroom cap welded onto top; the post 6 times holed for straining wires or eyebolts and with 230 x 230 x 5mm mild steel base once holed in centre, plate welded onto bottom end; the post complete with and including one 50mm diameter x 2,8mm thick galvanised stay 2,4m long with top end flattened for a length of 180mm, holed for and bolted to post with and including M12 galvanised mild steel bolts with nuts and washers including drilling holes through posts and with 230 x 230 x 5mm mild steel base plate once holed in centre, welded onto bottom end of stay including setting up post and stay and embedding in position in concrete bases (elsewhere)	No	10		
24	101,6mm diameter x 2,95mm thick galvanised end or gate post 2,98m long with mushroom cap welded onto top; the post 6 times holed for straining wires or eyebolts and with 230 x 230 x 5mm mild steel base once holed in centre, plate welded onto bottom end; the post complete with and including two 50mm diameter x 2,8mm thick galvanised stay 2,4m long with top end flattened for a length of 180mm, holed for and bolted to post with and including M12 galvanised mild steel bolts with nuts and washers including drilling holes through posts and with 230 x 230 x 5mm mild steel base plate once holed in centre, welded onto bottom end of stay including setting up post and stays and embedding in position in concrete bases (elsewhere)	No	6		
<u>PAINTING</u>					
<u>(HAYLETT FORMULA WORK GROUP NO. 152)</u>					
<u>Prepare and apply one coat zinc chromate primer and two coats bituminous aluminium paint</u>					
25	On steel posts and stays not exceeding 300mm girth	m	53		
26	On steel posts exceeding 300mm girth	m	26		
<u>ENTRANCE GATES WITH GUARD HOUSE, ETC</u>					
27	Provide the sum of R 150 000 (One Hundred And Fifty Thousand Rand) for entrance gate structures with guard house to be measured and valued at rates as per bills of quantities.			Item	
Carried to Final Summary				R	
Section: 3					
Bill No. 1					
GENERAL SITE WORKS					

Item No	Quantity	Rate	Amount
<u>SECTION 4</u>			
<u>BILL NO. 1</u>			
<u>PROVISIONAL SUMS</u>			
NOTE : Tenderers are advised to study "Model Preambles for Trades" before pricing this bill.			
<u>TANK AND TANK STAND</u>			
1	Provide the sum of R50 000-00 (Fifty Thousand Rand) for the construction of a steel tank stand and the installation of tank on top, including all piping, valves, etc.	PS	50 000 00
2	Attendance on last	Item	
3	Profit on last	Item	
<u>LANDSCAPING</u>			
7	Provide the sum of R30 000-00 (Thirty Thousand Rand) for basic landscaping to be designed and executed by a specialist landscaper.	PS	30 000 00
8	Attendance on last	Item	
9	Profit on last	Item	
<u>ELECTRICAL INSTALLATION</u>			
10	Provide the sum of R 250 000,00 (Two Hundred And Fifty Thousand Rand) for the electrical installation to buildings, site reticulation, etc.	PS	250 000 00
Carried Forward		R	
Section: 4 Bill No. 1 PROVISIONAL SUMS			

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TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C3 SCOPE OF WORK

All definitions, interpretations and general provisions for the General Conditions of Contract for Construction Work (2010) (2nd edition) are applicable.

DESCRIPTIONS OF WORKS

C3.1.1 Client's Objective

The Tswaing Local Municipality wants to promote socio-economic development within their jurisdiction. Geysdorp is a small town with the Tswaing Local Municipality, the objective of the employer is to provide a community facility to assist with the social development of the residents within the directly affected area.

C3.1.2 Overview of the Works

The propose work consist of the construction of:

- Community Hall
- Parking Area
- Perimeter Fence, and
- Civil Services
 - Water reticulation (including borehole sighting)
 - Sewer septic tank (including absorption trench)

The funds of the project are sourced by MIG and the indented expenditure is for the 2021/2021 financial year.

C3.1.3 Location of the Works

The project is located in Geysdorp, the following geographical coordinates indicates the location of the community hall: 26°32'32.34"S & 25°17'24.85"E.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C3.1.4 Construction program

It is specifically brought to the notice of the Contractor that time is critical on this project, and the construction period will be a major factor in the award of the tender.

Tenderers shall submit with their tender their **preliminary weekly programme for the construction** of the Works under this contract to suit their proposed method of executing the Works. The programme shall be sufficiently detailed to differentiate between the various activities so that the contract may be properly evaluated.

C3.1.5 Change in works

The Engineer may, from time to time by order in writing without in any way vitiating the Contract or giving to the Contractor any claim for additional payment, require the Contractor to proceed with the execution of the works in such order as in his opinion may be necessary, and may alter the order of or suspend any part of the Works at such time and times as he may deem desirable and the Contractor shall not, after receiving such written order, proceed with work ordered to be suspended until he shall receive a written order to do so from the Engineer. Where the work must of necessity be carried out in conjunction with work of other Contractors, or with that of the Employer, it shall be co-ordinated and arranged in such a manner as to interfere as little as possible with the progress of such other work so as to offer every reasonable facility to other Contractors or to employees of the Employer.

C3.2 ENGINEERING**C3.2.1 Design services and activity matrix**

Description	Responsibility
Design of Works	Engineer
Concept, feasibility and overall process	Client
Basic Engineering and detail layouts to tender stage	Engineer
Final Design of Works	Engineer
Final Design to approved for construction stage	Client
Preparation of tender documentation & adverts	Engineer
Appointment of soil test / topographical surveyors	Client
Appointment of sub-contractors	Contractor
Supervision	Engineer
Preparation of as-built drawings	Contractor / Engineer
Completion certificate	Engineer / Client / Contractor

C3.2.2 Drawings

The Engineer will provide the Contractor with one full set of drawings, which will be used exclusively for the recording of as built information by the Contractor.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Only dimensions, positions, levels, co-ordinates etc. that change from the original values, will be required to be entered on these drawings. These drawings, fully marked up, will be handed to the Engineer at the issue of the Certificate of completion, which will not be issued until the as-built information has been received.

The following drawings are applicable to this contract:

21005 - 0000	:	Site Plan
21005 - 0001	:	Community Hall and Parking layout
21005 - 0002	:	Elevations
21005 - 1000	:	Steel Structure Layout Plan
21005 - 1001	:	Structure Sections
21005 - 1002	:	Structure Details – Part 1
21005 - 1003	:	Structure Details – Part 1
21005 - 1004	:	Stage Layout and Details
21005 - 1005	:	Guardhouse Detail
21005 - 1006	:	Septic Tank Detail

The applicable drawings mentioned above are attached at the end of this section (C3 – Scope of Work).

C3.3 PROCUREMENT

The Tenderers notice is drawn to the fact that the awarding of this tender will be in terms of the Supply Chain Management Policy of the Tswaing Local Municipality and The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement (May 2010) (Available on www.cidb.co.za).

C3.4 SUB-CONTRACTING

No work may be sub-contracted to another party unless approval is given by the Engineer in writing. The Contractor is to submit to the Engineer in writing a request for appointment of a particular sub-contractor. Accompanying this request is to be the full detail of the sub-contractor, including:

- Previous experience
- Work which will be sub-contracted to him/her
- Approximate value of the work to be sub-contracted

Before the Engineer in terms of Clause 38 hereof issues any certificate that includes any payment in respect of work done or goods supplied by any sub-contractor appointed in accordance with the provisions of Clause 4.4 of the General Conditions of Contract Second Edition (2010), he shall be entitled to call upon the Contractor to furnish reasonable proof that all payments (less retention moneys) included in previous certificates in respect of the work or goods of such sub-contractors have been made or discharged by the Contractor, in default of which, unless the Contractor:

- ✓ Informs the Engineer in writing that he has reasonable cause for withholding or refusing such payment; and

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- ✓ Submits to the Engineer reasonable proof that he has so informed such sub-contractor in writing.

C3.5 CONSTRUCTION

C3.5.1 Work Specifications

The following applicable standardized and particular specifications are relevant to this contract:

SANS 1200

SANS 10400

Copies of SANS 1200 and 10400 Standardized Specifications are available from the Standards South Africa.

C3.5.2 Plant and materials

All materials shall comply with the requirements of the South African Bureau of Standards, and shall bear the official standardization mark. Where SANS standard does not exist for a certain material, or a material does not bear the official standardization mark, the Engineers approval of such material must be gained before use thereof.

C3.5.3 Construction Equipment

All equipment on site shall be in a good working order, and is to be in such a condition that it can achieve production rates which are typical of the industry standards.

Should any equipment, in the opinion of the Engineer, be substandard or breaks down frequently to such an extent that it affects the progress on the project, the Engineer may instruct the Contractor to replace such equipment.

C 3.5.4 Existing Services

The Contractor shall so carry out all his operations as not to encroach on, or interfere with, trespass on, or damage adjoining lands, building properties, roads, structures, places and things in the vicinity of the Works, and he shall free and relieve the Employer of any liability that may be incurred in consequence of his failure to do so.

The services existing on the site will be either shown on the drawings or pointed out on site by the Engineer and / or the Municipality. No excavation work will commence unless a representative of the Municipality and/or the Engineer have been requested to point out existing services in the area under construction. Written confirmation of services that have been pointed out by the Municipality is to be obtained by the Contractor.

All existing services on the site may not be shown on the drawings or be visible on the site. The Engineer may order excavation by hand in order to search for and expose services. An item has been included in the Schedule of Quantities to cover the cost of such work if so ordered by the Engineer. Where a service is damaged because of the Contractors negligence he shall be liable for the cost involved in the repair of the services and any other consequent cost that may arise due to the interruption of the damaged services.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

No excavation is to take place until a representative from the Municipality has been contacted and he has pointed out the existing services to the Contractor and confirmed it in writing. The same shall apply to all Telkom services in the area.

C3.5.5 Site Establishment

- Source of Water Supply
To be provided by Contractor
- Sources of power supply
To be provided by Contractor
- Location of camp and depot
Location of camp and depot offices shall be identified once the contractor is on site.
- Temporary offices
Location of the temporary offices shall be identified once the contractor is on site.
- Sanitary facilities
To be provided by Contractor.
- Name Boards

Two name boards shall be provided in positions as ordered by the Engineer. The Engineer will provide the lettering required once the tender is awarded.

C3.5.6 Site Usage

- Ground and access to the works

The Contractor shall where necessary on or adjacent to roads which carry traffic, provide all the necessary barricades and signs in accordance with the stipulations of the South African Road Traffic Signs Manual.

The Contractor shall further ensure that all public roads that are used for access to the site are kept free of debris at all times. The Contractor shall also take adequate measures to ensure that dust is kept to an acceptable level. The term acceptable is to be deemed as acceptable to the Engineer.

- Care, damage and protection

The Contractor shall at his own cost make full provision for all watching and lighting necessary for the protection of all persons, animals, vehicles, etc., from injury by reason of the Works. He shall provide ample warning signs, guard rails, etc., around open excavations, stacks of materials, excavated material, debris or the like, and he shall be held liable for all claims made upon himself or upon the Employer by reason of his neglect of all such precautions and provisions.

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Contractor

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Witness 1

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Employer

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Witness 1

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Witness 2

During the periods of construction of the Works and the repair of defects, the Contractor shall, at his own cost, to the satisfaction of the Engineer and the relevant Authority, take sufficient and adequate measures to avoid interrupting the use of all roads, footpaths, water courses, drains, pipes, telephones, electric wires and cables, premises, places and works, public or private, which may in any way be interfered with by the operations; and shall also afterwards permanently restore all structures and everything which may have been temporarily displaced or otherwise interfered with, all to the satisfaction of the Engineer and the relevant Authority, without extra charge beyond the Contract price.

▪ Survey beacons

The Contractor shall take care to safeguard any permanent survey beacons such as erf boundary pegs and reference beacons. Should the Contractor disturb any such pegs and beacons, he shall have them replaced at his own cost by a registered Land Surveyor. The Contractor is to provide the Engineer with written confirmation from the Land Surveyor that he has replaced the relevant beacons.

The Contractor's attention is drawn to article 35(i) of the Land Surveying Act No. 9 of 1927 (as amended) in this regard.

▪ Blasting

As the construction takes place within a built up area, extreme care is to be taken during any blasting operations. No blasting shall be permitted without prior written consent from the Engineer. Written as well as verbal notice will be given to all house owners in the affected area 24 hours prior to the blast being set off, and the contractor is to do a survey of all the houses (internal and external) in the area prior to blasting.

A full daily report of all blasting operations (in duplicate) is to be completed by the Contractor.

This report shall inter alia contain the following information:

- Date and time of each blast
- Number of holes
- Charge per hole
- Use of relays, etc.

This report is to be submitted to the Engineer on a weekly basis, and is to be countersigned by the Engineer.

The contractor is to be noted that he is not to use or permit any person to use an explosive powered tool, unless—

- (a) it is provided with a protective guard around the muzzle end, which effectively confines any flying fragments or particles; and
- (b) the firing mechanism is so designed that the explosive powered tool will not function unless—

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- (i) it is held against the surface with a force of at least twice its weight; and
- (ii) the angle of inclination of the barrel to the work surface is not more than 15 degrees from a right angle:

- Protection of existing vegetation

Before any tree is cut down and removed from the site, the Contractor shall confirm the necessity of such action with the Engineer or his Representative.

- Access to individual erven

Access to all public and private property must be maintained at all times. Where trenches cross the access point to any property, the Contractor is to arrange for adequate and safe vehicular and pedestrian crossings over the trenches.

The Engineer must approve the method of providing access before any excavation commences.

- Use of construction vehicles and equipment

The contractor shall ensure that all construction vehicles and mobile plants—

- (a) are of an acceptable design and construction;
- (b) are maintained in a good working order;
- (c) are used in accordance with their design and the intention for which they were designed, having due regard to safety and health;
- (d) are operated by workers who-
 - (i) have received appropriate training and been certified competent and been authorised to operate such machinery; and
 - (ii) are physically and psychologically fit to operate such construction vehicles and mobile plant by being in possession of a medical certificate of fitness;
- (e) arrangements to guard against the dangers relating to the movement of vehicles and plant, in order to ensure their continued safe operation;
- (f) are prevented from falling into excavations, water or any other area lower than the working surface by installing adequate edge protection, which may include guardrails and crash barriers;
- (g) where appropriate, are fitted with structures designed to protect the operator from falling material or from being crushed should the vehicle or mobile plant overturn;
- (h) are equipped with an electrically operated acoustic signalling device and a reversing alarm; and
- (j) are on a daily basis inspected prior to use, by a competent person who has been appointed in writing and the findings of such inspection is recorded in a register.
- (j) no person rides or be required or permitted to ride on any construction vehicle or mobile plant otherwise than in a safe place provided thereon for that purpose;
- (k) every construction site is organised in such a way that, as far as is reasonably practicable, pedestrians and vehicles can move safely and without risks to health;
- (l) the traffic routes are suitable for the persons using them, sufficient in number, in suitable positions and of sufficient size;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- (m) every traffic route is, where necessary indicated by suitable signs for reasons of health or safety;
- (n) bulldozers, scrapers, loaders, and other similar mobile plant are, when being repaired or when not in use, fully lowered or blocked with controls in a neutral position, motors stopped and brakes set;
- (o) whenever visibility conditions warrant additional lighting, all mobile plant are equipped with at least two headlights and two taillights when in operation;
- (p) when workers are working on or adjacent to public roads, reflective indicators are provided and worn by the workers.

3.5.7 Permits and Way leaves

3.6 MANAGEMENT

C3.6.1 Management of the Works

- Planning and programme

The Contractor shall deliver to the Engineer within **14 days**, calculated from the commencement date, a realistic programme showing the order of procedure, the duration of activities making up the programme and method which he proposes to use in carrying out the Works in order to meet the due completion date for this project.

The tenderer is to note that the penalty for failing to complete the works is R **2 000.00** per day.

- Setting out of the works

Generally the positions of the works have been fixed on the plans according to the existing stand boundaries. The Engineer is to approve all setting out prior to commencement of excavation.

- Excavation of works & safety

The contractor shall ensure that all excavation work is carried out under the supervision of a competent person who is been appointed in writing. The Contractor will evaluate, as far as is reasonably practicable, the stability of the ground before excavation works begin and he/she shall not permit any person to work in an excavation which has not been adequately shored or braced.

The Contractor will cause convenient and safe means of access to every excavation area in which person are required to work and such access shall not be further than 6m from the point where any worker within the excavation is working.

The Contractor must ascertain as far as is reasonably practicable the location and nature of electricity, water, gas or other similar services which may in any way be affected by the work to be performed, and shall before the commencement of excavation work that may affect any such service, take the steps that may be necessary to render the circumstances safe for all persons involved;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

The Principal Contractor shall cause every excavation which is accessible to the public or which is adjacent to public roads or thoroughfares, or whereby the safety of persons may be endangered, to be:

- (i) adequately protected by a barrier or fence of at least one metre in height and as close to the excavation as is practicable; and
- (ii) provided with warning illuminants or any other clearly visible boundary indicators at night or when visibility is poor;

The Principal Contractor shall cause warning signs to be positioned next to an excavation within which persons are working or carrying out inspections or tests.

▪ Inspection by engineer

No stage of construction shall be proceeded with until the Engineer or his representative has examined and approved the previous stage. If any work is covered or hidden from view before the Engineer has inspected same, the Contractor shall at his own cost open the covered work for inspection. The Contractor shall also be responsible for making good any work damaged by such uncovering.

▪ Employment of local labour

It is a specific criterion of this project that should as far as possible adhere to RDP principles, and to meet these principles the following procedures will be followed:

All labour is to be sourced from the Local Municipality; area of jurisdiction and the Contractor may only bring in key personnel from outside this area. The fixed rate for the appointment of local labour will be according Department of Labour Specifications. This will be payable by the Contractor.

Key personnel would typically include the Contracts Manager, Site Agent, and Supervisor for each discipline, and operators of plant where the operator must be seated.

A Monthly labour report on all local labour i.e. payments and labour days should be submitted to the Engineer at the end of each month in order for the Engineer to submit a report to the Employer.

None of the Works shall be executed except between sunrise and sunset on Monday to Saturday, inclusive, of any week, and none of the Works shall be executed on any special non-working days stated in the Contract Data, unless:

- ✓ The Engineer's permission in writing is obtained, subject to such conditions as may be laid down by the Engineer; or
- ✓ Provision is specifically made for it in the Contract; or
- ✓ Work is unavoidable or necessary for the saving of life or property or for the safety of the Works.

▪ Site Meetings

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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

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Witness 2

Regular meetings will be held between all relevant parties to establish the progress and / or delays and problems that might occur on site. Any problems of delays will be address accordingly and the Contractor will receive proper instructions with reference to this matter.

▪ Communication

The Engineer's representative on this project will be: **Mr W Moile**

Contact No: **073 874 7812**

The contact person for the Employer is: **K. Dikgwatlhe / G.O. Moipolai**

Contact No: **053 948 0787**

▪ Daily Records

Daily records of resources (equipment and people employed) must be kept and must be available on site at all times. These records will include i.e. site instruction book, site diary, site visit register, contractual documentation and minutes of all project meetings. Labour information should be kept updated at all times.

▪ Compliance with applicable laws

The Contractor shall, in performance of the Contract, comply with all applicable laws, regulations and statutory provisions and agreements, and shall in particular, on the request of the Engineer, provide proof that he has complied therewith with regard to amongst others:

- ✓ Wages and conditions of work; and
- ✓ Safety

▪ Payment Certificates

As consideration for the construction, completion and defects correction of the Works, the Employer shall pay the Contractor in terms of the provisions of the Contract.

▪ Clearance of site

On completion of the Works, the Contractor shall clear away and remove from the site all Construction Equipment, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and the works clean and in a safe condition. All streams and watercourses (where applicable) shall be cleaned and restored to the condition as at the commencement of the Works. If the Contractor does not, within a reasonable time, comply with this requirement, the Employer may have the site cleared and recover the cost thereof from the Contractor.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

▪ Termination of Contract

If application is made for the sequestration of the Contractor's estate, or if the Contractor publishes a notice of surrender of his estate or presents a petition for the acceptance of the surrender of his estate as insolvent, or makes a compromise with his creditors, or assigns in favour of his creditors, or agrees to carry out the Contract under the supervision of a committee representing his creditors, or (being a company) goes into liquidation, whether provisionally or finally (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), or if the contractor assigns the contract without having first obtained the Employer's consent in writing, or if execution is levied on his goods or if the Engineer certifies reference to this Clause, that in his opinion the Contractor:

- ✓ Has abandoned the contract; or
- ✓ Without reasonable excuse has failed to commence the Works in terms of Clause 9 of the General Conditions of Contract for Construction Works Second Edition (2010), or has suspended the progress of the Works for fourteen (14) days after receiving from the Engineer written notice to proceed or
- ✓ Has failed to proceed with the Works with due diligence; or
- ✓ Has failed to remove materials from the site or to pull down and replace work within fourteen (14) days after receiving from the Engineer written notice that the said materials or work have been condemned and rejected by the Engineer in terms of these conditions; or
- ✓ Is not executing the Works in accordance with the Contract, or is neglecting to carry out his obligations under the Contract; or
- ✓ Has, to the detriment of good workmanship or in defiance of the Engineer's instruction to the contrary, sublet any part of the Contract; or
- ✓ Has assigned the Contract or any part thereof without the Employer's consent in writing; or
- ✓ The contractor or anyone on his behalf or in his employ would pay, offer or offer as payment to any person in the employ of the Employer a gratuity or reward or commission; or
- ✓ The contractor furnished inaccurate information in the Schedules forming part of this Contract.

Then the Employer may, after giving fourteen (14) days' notice in writing to the Contractor, terminate the Contract and order the Contractor to vacate the Site and to hand it over to the Employer, and the Employer may then enter upon the site and the Works and expel the Contractor there from without thereby affecting the rights and powers conferred on the Employer of the Engineer by the Contract, and the Employer may himself complete the Works or may employ another contractor to complete the Works, and the Employer or such other contractor may use for such completion so much of the construction equipment, temporary works and materials bought onto the site by the Contractor as the Employer may think proper, and the Employer may at any time sell any of the said construction equipment, temporary works and unused materials and apply the proceeds of sale toward payment of any sums that may be due or become due to the Employer by the Contractor under the Contract. In such circumstances the Contractor shall forthwith vacate the site and shall not be entitled to remain on the site on the grounds that he is entitled to do so on a right of

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

retention until amounts due to him have been paid, neither will the contractor be entitled to any further payments of this Contract.

C3.7 HEALTH AND SAFETY

▪ Health & Safety Issues

All work is to be carried out in accordance with the Occupational Health and Safety Act and Regulations (Act 85 of 1993) (a copy of which must be kept on site), the Explosive Material Act of (Act 26 of 1956), the Minerals Act of 1991, and the Factories Machinery and Building Work Act (No 22 of 1941).

The Contractor's notice is drawn to the stipulations of the Construction Regulations 2003, a regulation of the Health and Safety Act 1993 (Gov Notice No R1010 of 18 July 2003). The construction regulation will be applied vigorously on the project.

The Contractor to be appointed must have made provision for the cost of health and safety measures during the construction process. The contractor must have the necessary skills, competencies and resources to carry out the work safely. A proper Safety Plan is to be submitted by the Contractor and a copy thereof is to be made available to all applicable appointed labourers and permanent workers on this project.

The Contractor is to ensure that the legal compliance for the Health and Safety issues are in place. Audits will be carried out to ensure that the Contractor is registered and in good standing with the Workmen's Compensation fund and that the Contractor has affected insurance indemnifying the Employer against penalties levied upon the Employer due to the acts of omissions of the Contractor in failing to comply with the provisions of the OHS regulations 2003. A compliance audit will also be carried out to ensure that the Contractor has appointed a full-time competent person in writing to deal with the issues of the OHS and that a risk assessment has been conducted and a copy of the Safety plan is on site before any work commences.

Operational audits will be carried out on the following important issues:

- ✓ That the Safety Plan is on site at all times
- ✓ That the Contractor's Safety file is on site at all times
- ✓ That the Safety Officer is on site at all times
- ✓ That Safety meetings are conducted as per the Safety Plan
- ✓ That employees are working under safe conditions
- ✓ That the public is not placed in danger
- ✓ That there is no harm to the environment

▪ Accommodation of traffic

It is expected of the Contractor to ensure that the free flow of traffic is possible throughout the construction period.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

The Contractor is to provide all necessary barricades, signs and lighting in accordance with the stipulations of the South African Road Signs Traffic Manual, and the Protective Services of the Local Municipality. All work is to be to the satisfaction of the Engineer.

▪ Reporting of accidents

In addition to any statutory regulations, the Contractor shall, as soon as practicable, report to the Engineer every occurrence on the Works or the site causing damage to property of injury of death of persons. If required by the Engineer, the Contractor will submit a report in writing to the Engineer within 48 hours of such requirement setting out full details of the occurrence. The Engineer shall have the right to make any enquiries either on the site or elsewhere as to the cause and results any such occurrence and the Contractor shall make available to the Engineer the necessary facilities for carrying out such enquiries.

C3.8 PROJECT SPECIFICATIONS

There will be no amendments to the standard project specifications.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/22

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C4 SITE INFORMATION

Docs included in this section should describe the site as at the time of tender to enable the tenderer to price his tender and to decide upon his method of working and programming.

Normally only actual information about physical conditions of the site and its surroundings is included in the site information and interpretation is a matter for the tenderer.

However, some Employers may wish to include interpretative information, such as inferred geological sections, or site class designations. In the case of refurbishment projects, site information would be the “as-built” drawings of the existing structure.

Contractor

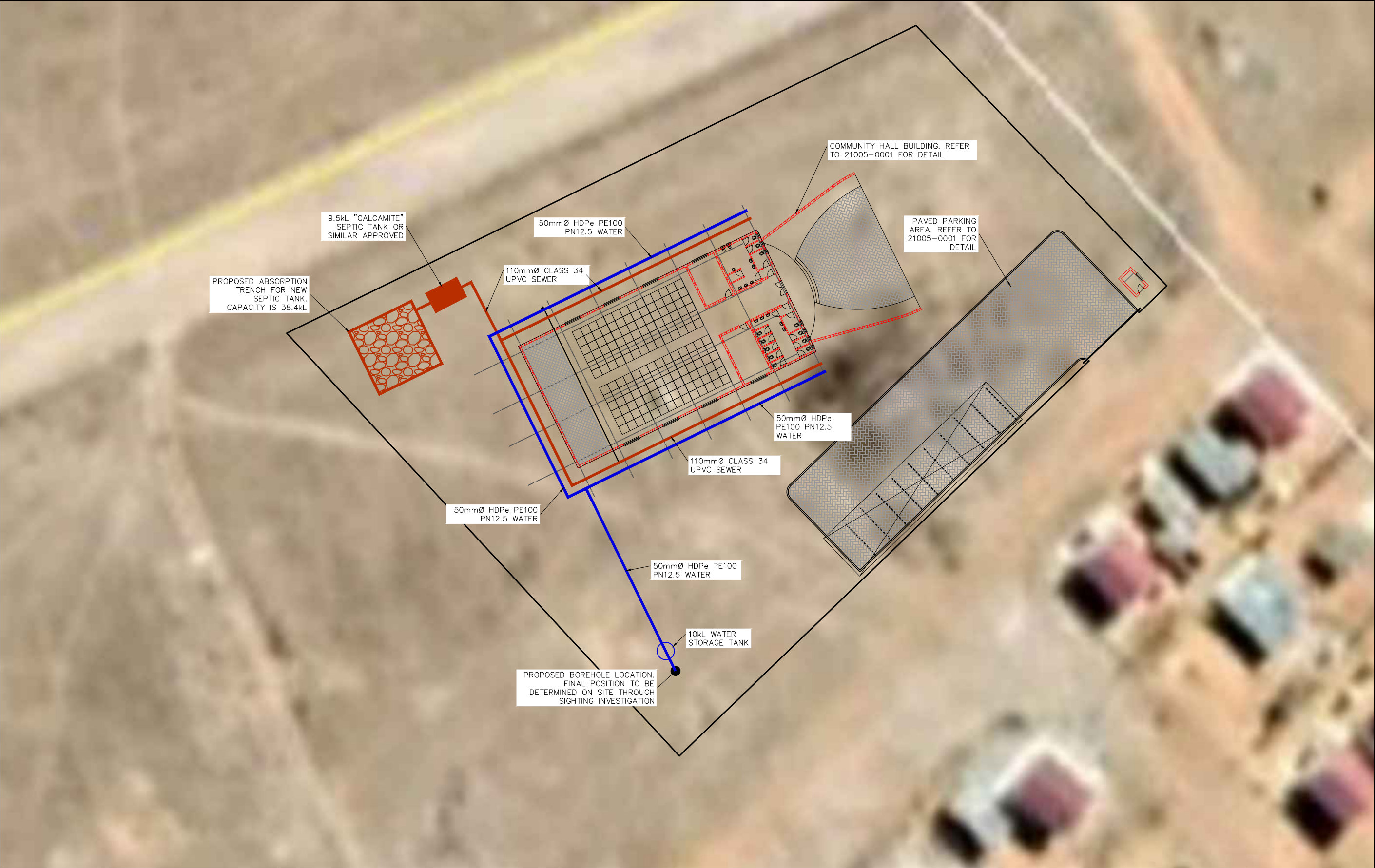
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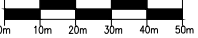
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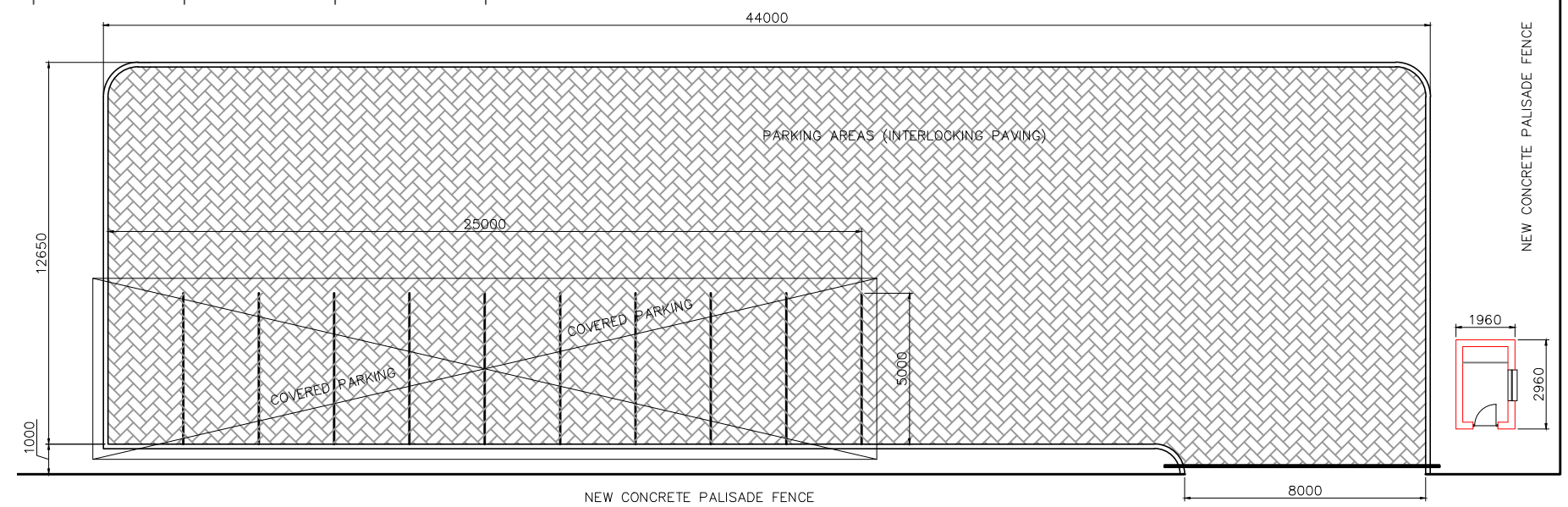
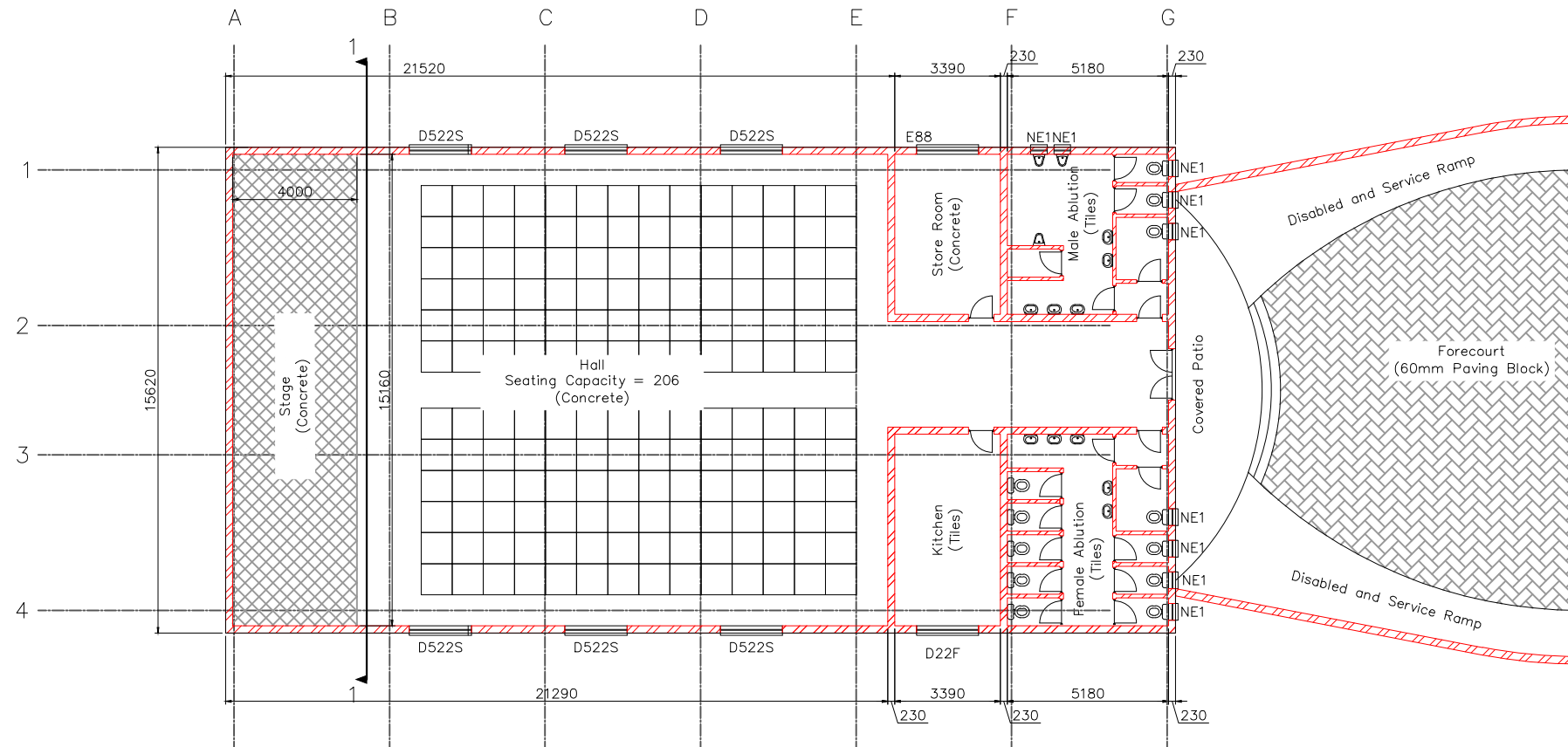
Employer

Witness 1

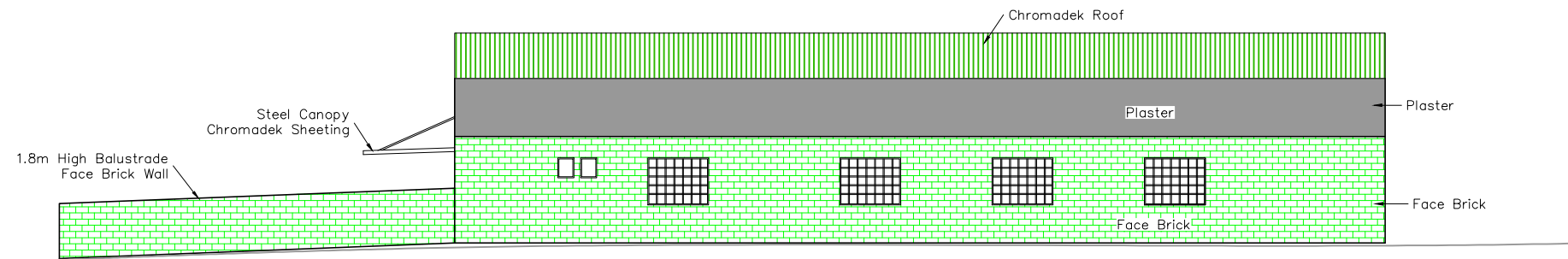
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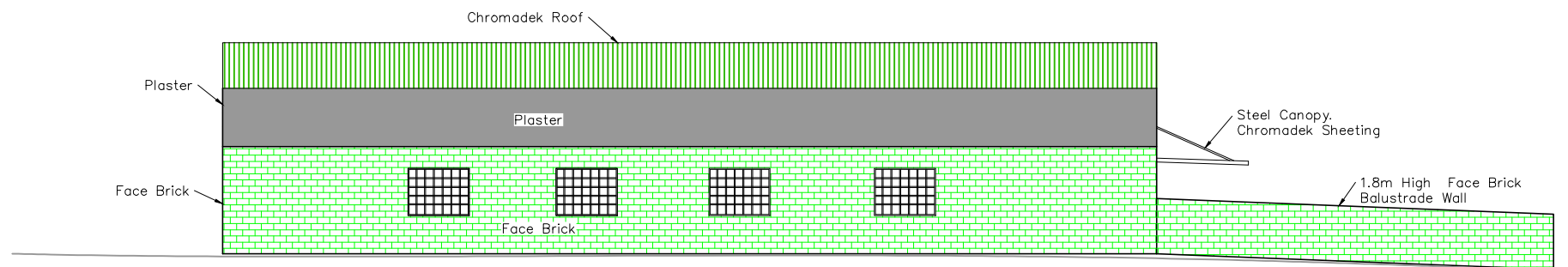
AMENDMENTS					CLIENT		CONSTRUCTION OF GEYSDORP COMMUNITY HALL		DESIGNED BY	CONSULTANT APPROVAL		CONSULTANT PROJECT No.	
									NAME	V.N.		SCALE 1: 200	
									PROF. REG. No.	201170056	NAME: V NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021		
									CHECKED BY		THE ABOVE SIGNATORY CERTIFIES THAT THE DESIGNER AND CHECKER HAVE CONSENTED TO THEIR NAMES BEING INSERTED ON THIS DRAWING AND THAT THEY HAVE SEEN AND APPROVED THE DRAWING.	SCALE ON ORIGINAL DRAWING	
									NAME	V.N.		CONSULTANT DRAWING No.	REVISION
No.	DATE		REVISION		CONSULT. ENG		SITE PLAN	P.O. BOX 1773 LICHTENBURG 2740	PROF. REG. No.	201170056		21005-0000	B



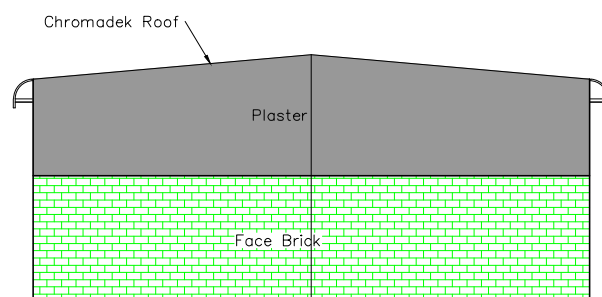
AMENDMENTS					CLIENT		CONSTRUCTION OF GEYSDORP COMMUNITY HALL		P.O. BOX 1773 LICHTENBURG 2740	<table><tr><th colspan="2">DESIGNED BY</th><th colspan="2">CONSULTANT APPROVAL</th></tr><tr><td>NAME</td><td>V.N.</td><td rowspan="3"></td><td rowspan="3">NAME: V NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021</td></tr><tr><td>PROF. REG. No.</td><td>201170056</td></tr><tr><th colspan="2">CHECKED BY</th></tr></table>	DESIGNED BY		CONSULTANT APPROVAL		NAME	V.N.		NAME: V NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021	PROF. REG. No.	201170056	CHECKED BY		<table><tr><td colspan="2">SCALE</td></tr><tr><td colspan="2">1: 100</td></tr><tr><td colspan="2"></td></tr><tr><td colspan="2">SCALE ON ORIGINAL DRAWING</td></tr><tr><td>CONSULTANT DRAWING No.</td><td>REVISION</td></tr><tr><td>21005-0001</td><td>B</td></tr></table>	SCALE		1: 100				SCALE ON ORIGINAL DRAWING		CONSULTANT DRAWING No.	REVISION	21005-0001	B
	DESIGNED BY		CONSULTANT APPROVAL																																
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A	31/05/'21	ISSUED FOR APPROVAL	V.N.																																
No.	DATE	REVISION	CONSULT. ENG																																



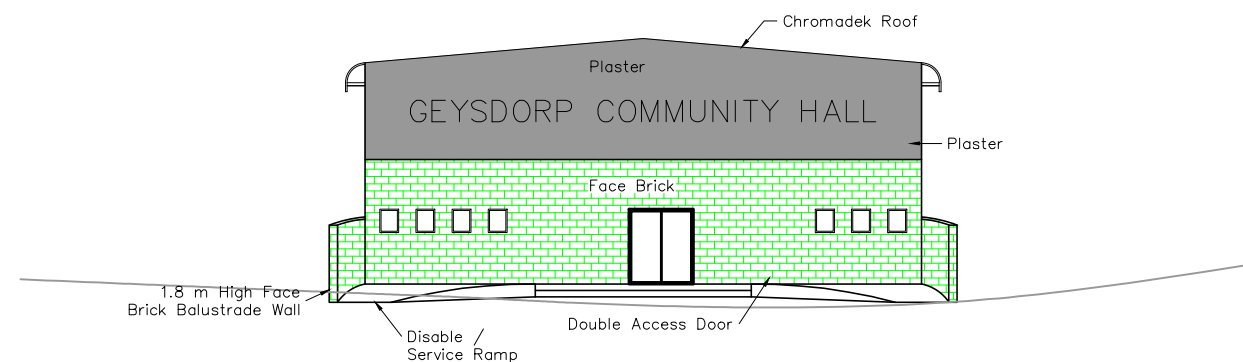
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SCALE 1:100



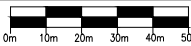
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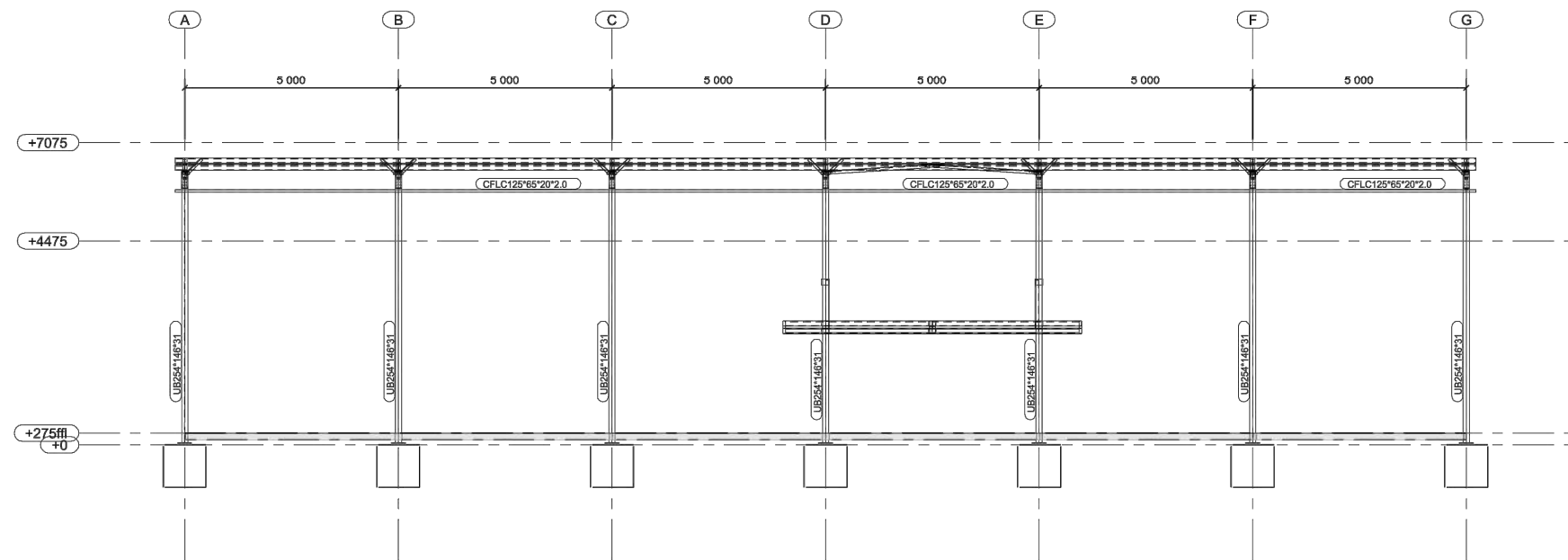


SOUTH ELEVATION
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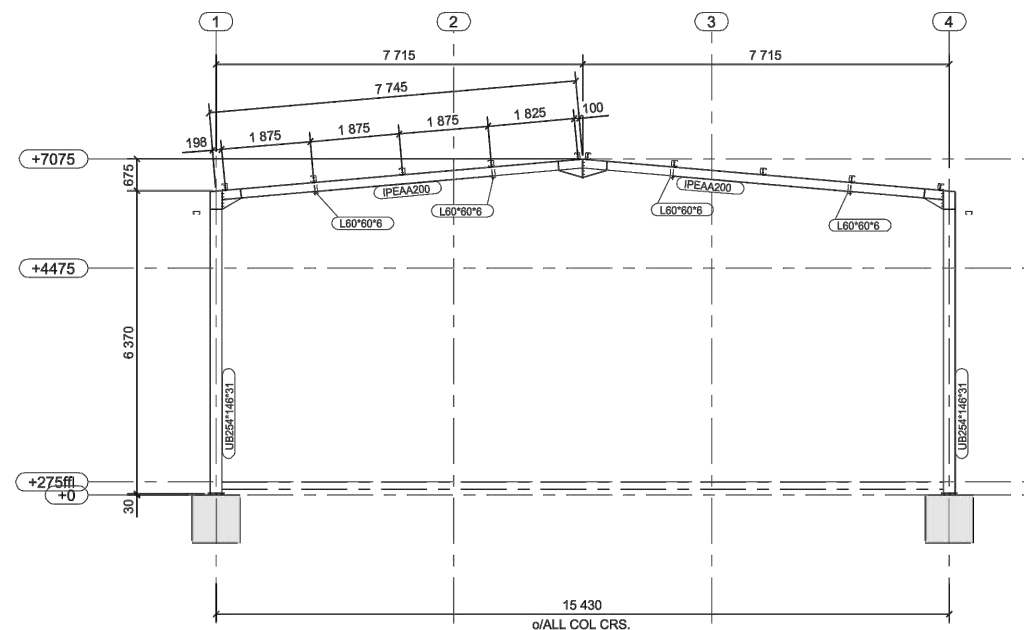


NORTH ELEVATION
SCALE 1:100

AMENDMENTS	No.	DATE	REVISION	CONSULT. ENG.	CLIENT		CONSTRUCTION OF GEYSDORP COMMUNITY HALL		DESIGNED BY	CONSULTANT APPROVAL	CONSULTANT PROJECT No.	
	B	29/06/21	DETAILED DESIGN SUBMISSION	V.N							SCALE	
	A	31/05/21	ISSUED FOR APPROVAL	V.N							1:100	
											 SCALE ON ORIGINAL DRAWING	
							ELEVATIONS	P.O. BOX 1773 LICHTENBURG 2740	NAME: V.N.	NAME: V. NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021	THE ABOVE SIGNATORY CERTIFIES THAT THE DESIGNER AND CHECKER HAVE CONSENTED TO THEIR NAMES BEING INSERTED ON THIS DRAWING AND THAT THEY HAVE SEEN AND APPROVED THE DRAWING.	
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									NAME: V.N.		21005-0002	B
									PROF. REG. No.	201170056		

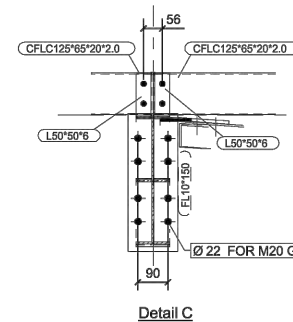
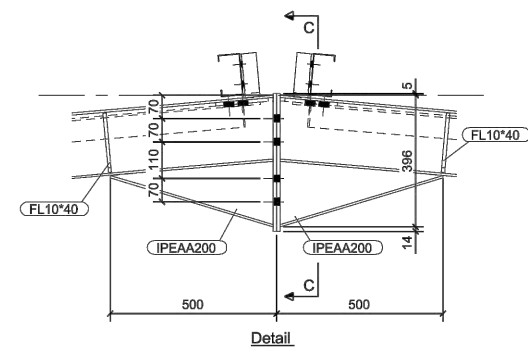
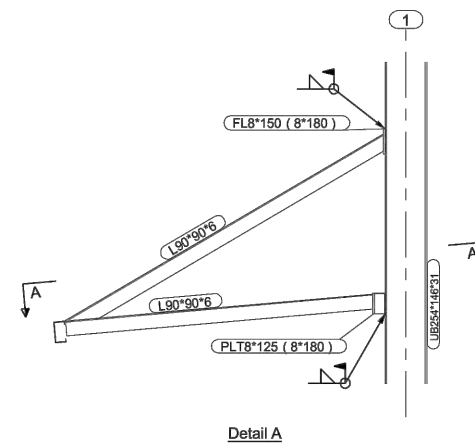
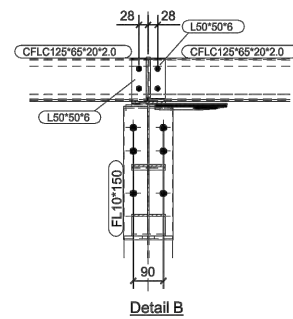
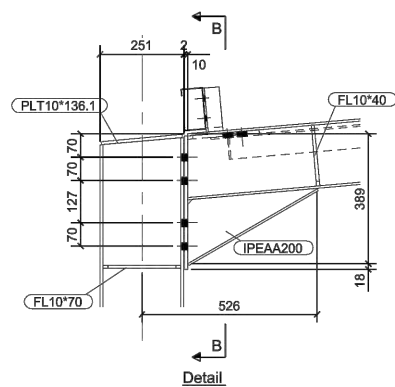
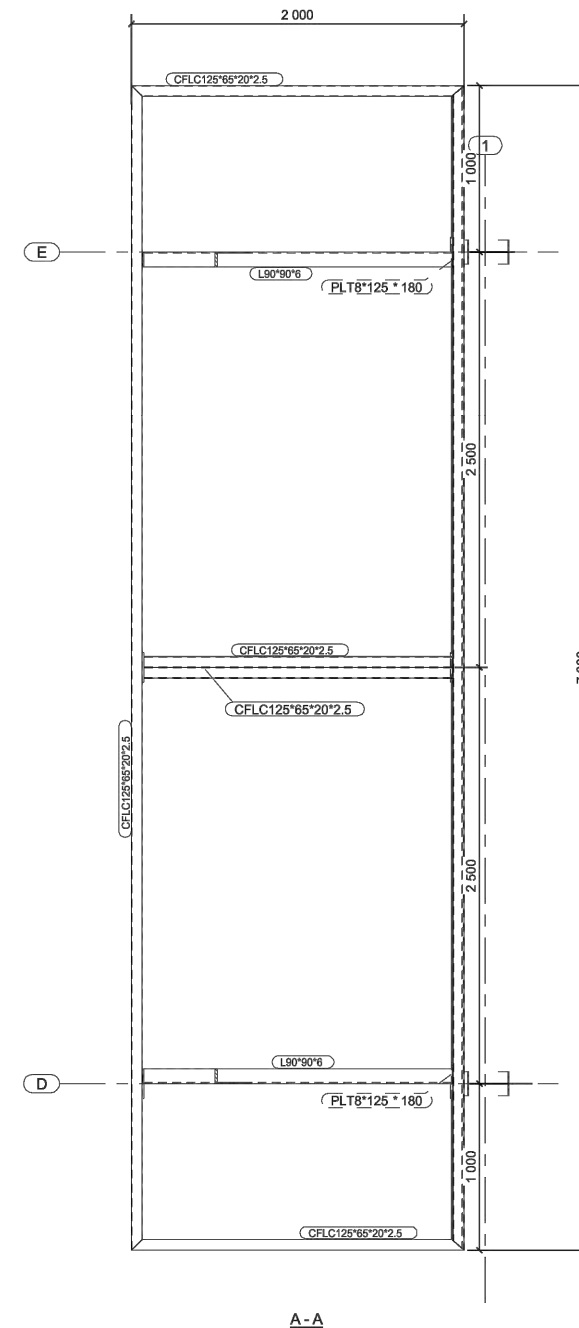
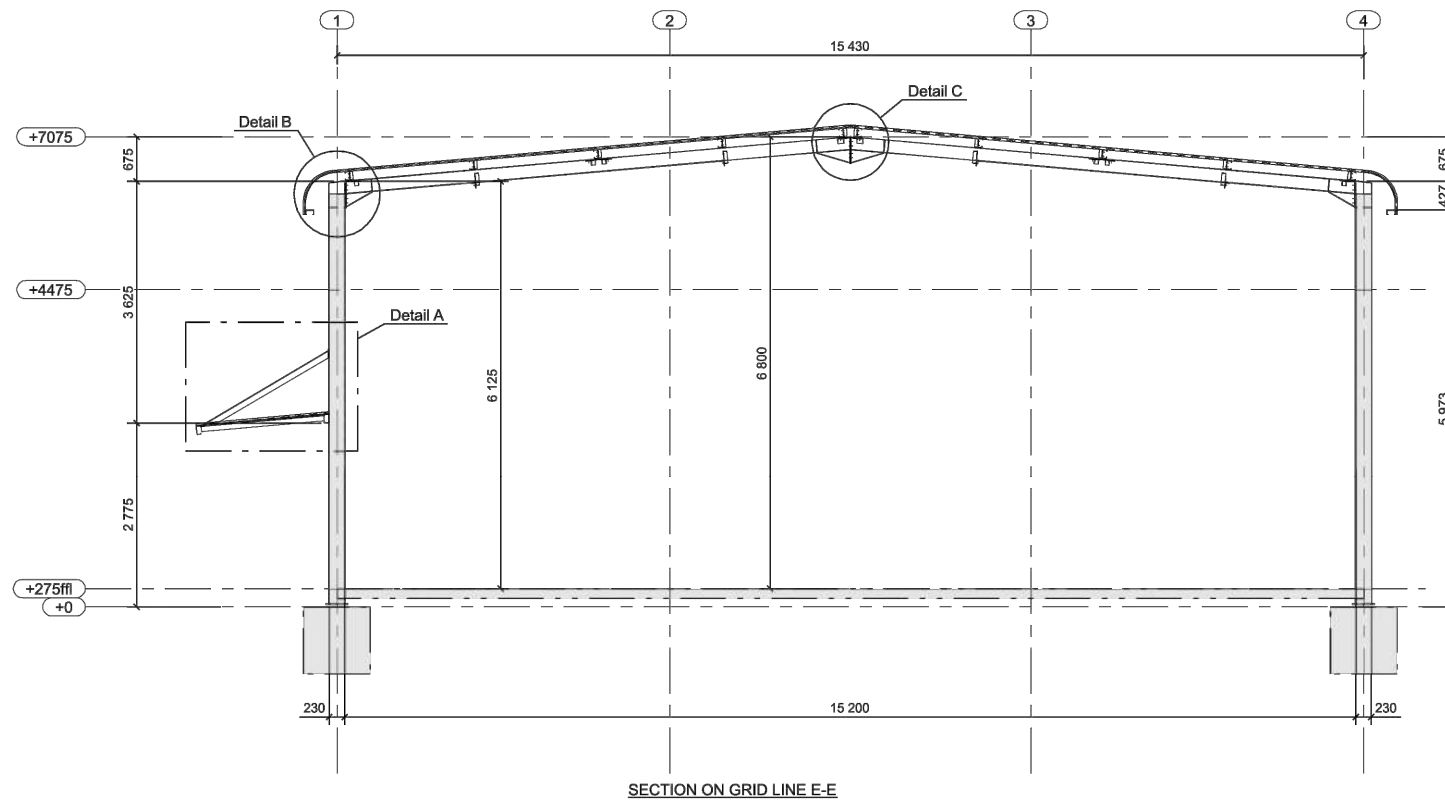


SECTION ON GRID LINE 1-1



ELEVATION ON GRID LINE A-A

AMENDMENTS					CLIENT		CONSTRUCTION OF DELAREYVILLE COMMUNITY HALL		DESIGNED BY NAME: V.N. PROF. REG. No.: 201170056 CHECKED BY NAME: V.N. PROF. REG. No.: 201170056	CONSULTANT APPROVAL NAME: V. NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021 THE ABOVE SIGNATORY CERTIFIES THAT THE DESIGNER AND CHECKER HAVE CONSENTED TO THEIR NAMES BEING INSERTED ON THIS DRAWING AND THAT THEY HAVE SEEN AND APPROVED THE DRAWING.	CONSULTANT PROJECT No. SCALE SHOWN 0m 10m 20m 30m 40m 50m SCALE ON ORIGINAL DRAWING CONSULTANT DRAWING No. 21005-1001 REVISION B
	No.	DATE	REVISION	CONSULT. ENG			STRUCTURAL SECTIONS	P.O. BOX 1773 LICHTENBURG 2740			



AMENDMENTS	No.	DATE	REVISION	CONSULT. ENG
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	31/05/21	ISSUED FOR APPROVAL	V.N.	

CLIENT



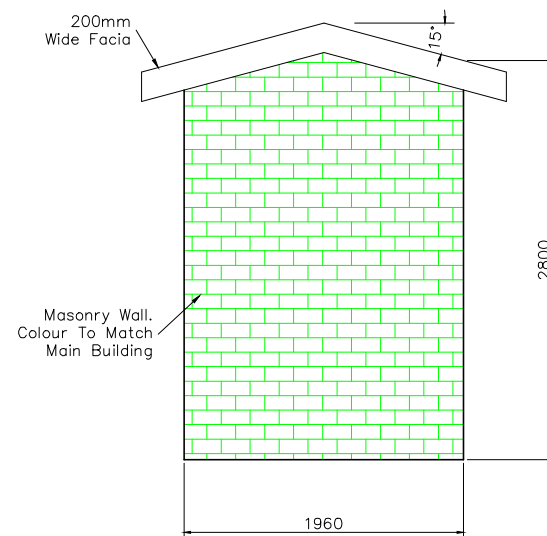
CONSTRUCTION OF GEYSDORP
COMMUNITY HALL

STRUCTURAL DETAILS
SHEET 1

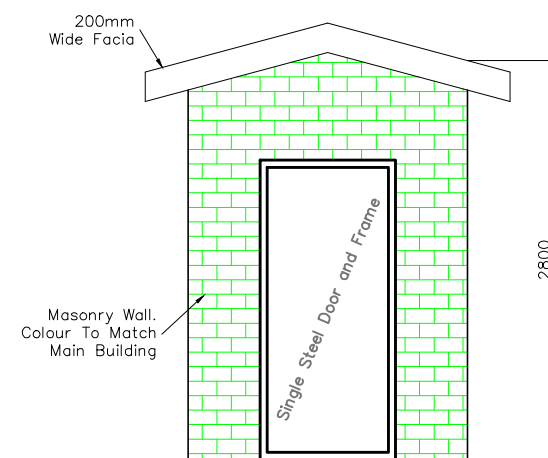


P.O. BOX 1773
LICHTENBURG
2740

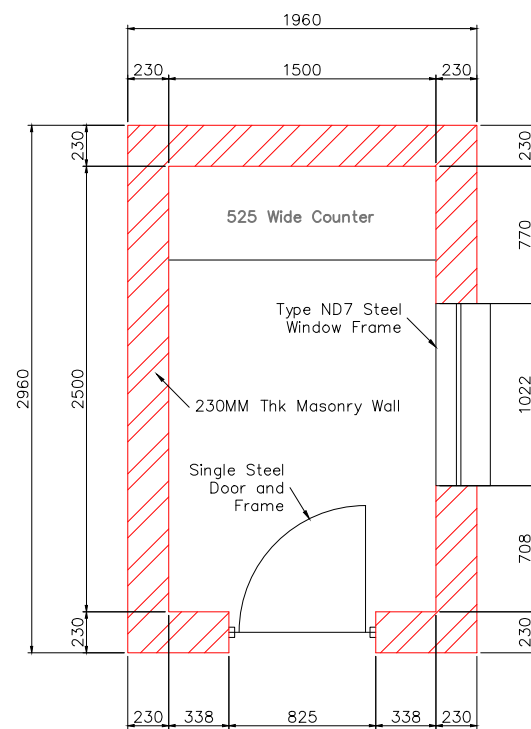
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PROF. REG. No.	201170056			SHOWN	
CHECKED BY		NAME: V NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021			
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NAME	V.N.			CONSULTANT DRAWING No.	
PROF. REG. No.	201170056			REVISION	
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				B	



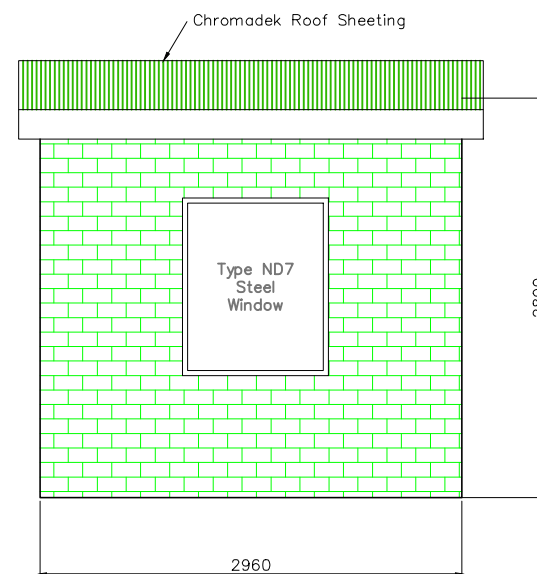
NORTH ELEVATION
SCALE 1: 25



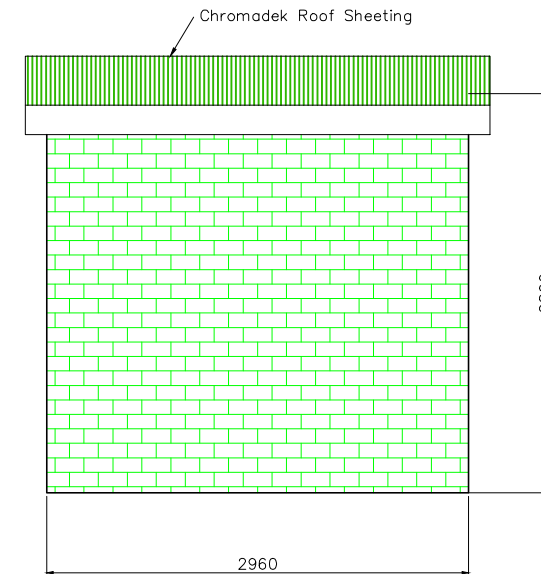
SOUTH ELEVATION
SCALE 1: 25



GUARDHOUSE-LAYOUT PLAN
SCALE 1: 20

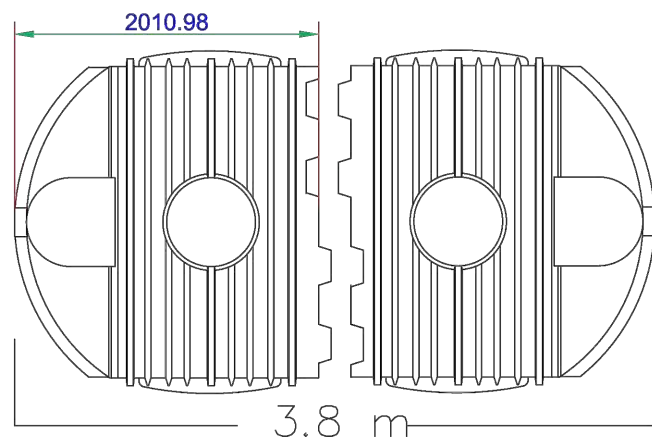
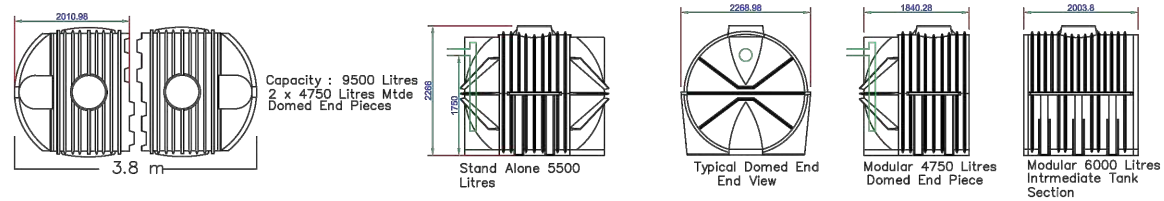


EAST ELEVATION
SCALE 1: 25

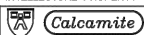


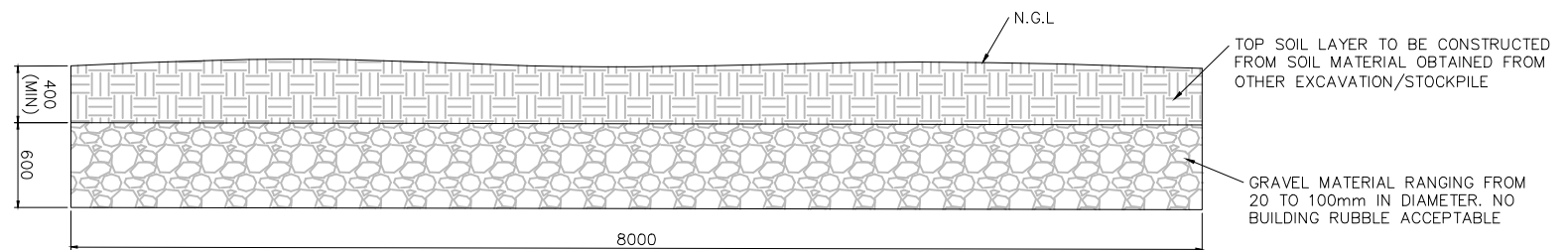
WEST ELEVATION
SCALE 1: 25

AMENDMENTS					CLIENT		CONSTRUCTION OF GEYSDORP COMMUNITY HALL		P.O. BOX 1773 LICHTENBURG 2740	<table><tr><td colspan="2">DESIGNED BY</td><td colspan="2">CONSULTANT APPROVAL</td><td colspan="2">CONSULTANT PROJECT No.</td></tr><tr><td>NAME</td><td>V.N.</td><td colspan="2" rowspan="3"></td><td colspan="2">SCALE</td></tr><tr><td>PROF. REG. No.</td><td>201170056</td><td colspan="2">SHOWN</td></tr><tr><td colspan="2">CHECKED BY</td><td colspan="2"></td></tr><tr><td>NAME</td><td>V.N.</td><td colspan="2" rowspan="3">THE ABOVE SIGNATORY CERTIFIES THAT THE DESIGNER AND CHECKER HAVE CONSENTED TO THEIR NAMES BEING INSERTED ON THIS DRAWING AND THAT THEY HAVE SEEN AND APPROVED THE DRAWING.</td><td colspan="2">SCALE ON ORIGINAL DRAWING</td></tr><tr><td>PROF. REG. No.</td><td>201170056</td><td colspan="2">CONSULTANT DRAWING No.</td></tr><tr><td colspan="2"></td><td colspan="2">REVISION</td></tr></table>	DESIGNED BY		CONSULTANT APPROVAL		CONSULTANT PROJECT No.		NAME	V.N.			SCALE		PROF. REG. No.	201170056	SHOWN		CHECKED BY				NAME	V.N.	THE ABOVE SIGNATORY CERTIFIES THAT THE DESIGNER AND CHECKER HAVE CONSENTED TO THEIR NAMES BEING INSERTED ON THIS DRAWING AND THAT THEY HAVE SEEN AND APPROVED THE DRAWING.		SCALE ON ORIGINAL DRAWING		PROF. REG. No.	201170056	CONSULTANT DRAWING No.				REVISION	
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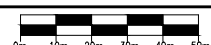


Capacity : 9500 Litres
2 x 4750 Litres Mtd
Domed End Pieces

INTELLECTUAL PROPERTY OF CALCAMITE SANITARY SERVICES (Pty) Ltd	
	Sanitary Services Pty Ltd
DESCRIPTION : Modular Tank 9500l	
Drawn By: Brandon Mavenga	DWG No: CAL/MD/9500/01
DATE : 30 / 08 / 2016 REV-1	



8000X8000 ABSORPTION TRENCH DETAIL
SCALE 1: 25

AMENDMENTS					CLIENT		CONSTRUCTION OF GEYSDORP COMMUNITY HALL		P.O. BOX 1773 LICHTENBURG 2740	DESIGNED BY		CONSULTANT APPROVAL		CONSULTANT PROJECT No.			
										NAME	V.N.		NAME: V NAUDE PROF. REG. No.: 201170056 DATE: 31 MAY 2021	SCALE			
										PROF. REG. No.	201170056						
										CHECKED BY				SCALE ON ORIGINAL DRAWING			
		No.	DATE	REVISION						CONSULT. ENG						NAME	V.N.
										PROF. REG. No.	201170056				21005-1006	A	

TSWAING LOCAL MUNICIPALITY



PROJECT NO: SCM 001/2021/21

CONSTRUCTION OF COMMUNITY HALL IN GEYSDORP

C5 RELEVANT DOCUMENTATION

The following documents forms part of the Contract:

- (i) Preferential Procurement Regulations 2017
- (ii) Tswaing Local Municipality Supply Chain Management Policy;
- (iii) Tswaing Local Municipality Health and Safety Specification.
- (iv) EPWP Guideline

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

