

MABONA CIVILS AND PLANT HIRE



CONTRACT NO.: ANDM/IDMS – PMU/36/09/09/24

GREATER MBIZANA WATER SUPPLY SCHEME CONTRACT 1 WARD 17:

SUBCONTRACT DOCUMENT

BASE DATE: MAY 2025

NAME OF TENDERER: _____

PACKAGE NO: _____

CLOSING DATE & TIME: **26 June 2025 @ 12:00** _____

PREPARED BY:

MABONA CIVILS AND PLANT HIRE

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PART T1: TENDERING PROCEDURES

T1.1: TENDER NOTICE AND INVITATION TO TENDER

Tenders are hereby invited from all suitable Qualified and Experienced EME and QSE sub-contractors who are registered with CIDB to submit bids for the following projects. The adjudication of the bids will be done in terms of Preferential Procurement Regulations, 2011 pertaining to Preferential Procurement Policy Framework (Act No5 of 2000) and will be based on the functionality and B-BBEE points system.

Bid Number	Preference Point System	CIDB Grading	Compulsory Clarification date	Closing Date
ANDM/IDMS – PMU/36/09/09/24 WORK PACKAGE NO. 1: Reticulation & standpipes	80/20	2CE only	29 May 2025 11H00 at Mabona Civils site camp	26 June 2025 12H00 at Mabona Civils site camp
ANDM/IDMS – PMU/36/09/09/24 WORK PACKAGE NO. 2: Reticulation & standpipes	80/20	3CE only	29 May 2025 11H00 at Mabona Civils site camp	26 June 2025 12H00 at Mabona Civils site camp
ANDM/IDMS – PMU/36/09/09/24 WORK PACKAGE NO. 3: Pipeline Markers	80/20	1CE only	29 May 2025 11H00 at Mabona Civils site camp	26 June 2025 12H00 at Mabona Civils site camp
ANDM/IDMS – PMU/36/09/09/24 WORK PACKAGE NO. 4: Pipeline markers & standpipes	80/20	1CE only	29 May 2025 11H00 at Mabona Civils site camp	26 June 2025 12H00 at Mabona Civils site camp
ANDM/IDMS – PMU/36/09/09/24 WORK PACKAGE NO. 5: Pipeline markers & standpipes	80/20	1CE only	29 May 2025 11H00 at Mabona Civils site camp	26 June 2025 12H00 at Mabona Civils site camp

This project is in the province of Eastern Cape and in the Winnie Madikizela-Mandela Local Municipal Area under the Alfred Nzo District Municipality jurisdiction.

Preferences are offered to prospective tenderers from the targeted area, **Mbizana** as well as the CIDB grades and classes indicated for each sub-contract package. This tender will be evaluated in terms of functionality as a criterion and the price and preference points system.

Tenderers must be represented at the information briefing meeting by a representative who must be the tenderer himself or an authorised person in the direct employment of the tenderer. Late arrivals to the compulsory information briefing meeting will not be allowed access and therefore will not be allowed to submit a tender. Such tenders received, shall be deemed non-responsive.

Notes to Prospective Bidders: Compulsory submissions (Failure to submit any of the following will result in disqualification):

All bids submitted should remain valid for a period of **90 days** after the bid closing date.

- a) Certified copies of business registration documents, as issued by CIPC;

- b) Certified copies of identity documents of **directors/shareholders/partners/members** as the case may be;
- c) Municipal clearance certificate certifying that no municipal rates and service charges owed by the bidder and any of its directors to Alfred Nzo District Municipality or to any other municipality where the bidder's business operations are located are in arrears for more than three months. If you don't pay rates, you must submit both affidavit from the commissioner of oath and Letter from Ward Councillor, if you submit **one** of the two you will be **disqualified**;
- d) Original or certified copy of B-BBEE certificate Level 1 or Sworn Affidavit, **Failure to submit will result in zero points score for BBBEE status level**;
- e) Exempted Micro Enterprise (EME) or Qualifying Small Enterprise (QSE);
- f) Registered on the National Treasury Central Supplier Database (CSD);
- g) Valid SARS Tax Pin Confirmation Compliant;
- h) Registered as “**active**” with the Construction Industry Development Board (CIDB) in the relevant contractor grade and class designation. (CE);
- i) Copies of all submitted certificates must be certified;
- j) Bidders are required to submit at least one key personnel with the minimum NQF Level 5 LIC, their CV's and Qualifications;
- k) **All bidders should complete MBD 1, MBD 4, MBD 8, MBD 9**

Failure to supply all required and supplementary information will result in the tender being deemed non-responsive and therefore, the tender will not be considered for award.

Note to Tenderers:

- a) The Employer will reserve the right to negotiate feasible rates with the preferred tenderers if necessary.
- b) The lowest or any proposal will not necessarily be accepted, and the Employer reserves the right to accept or not to accept any proposal either in whole or in part and any assistance in completing partly or full the proposal from Employer's Officials will result in disqualification of bid.
- c) Awarded tenderers will be required to register with the Compensation Fund, as issued by the Department of Labour and must submit COIDA Certificate.
- d) The successful SMME Contractors will enter into a Sub-Contract Agreement with the Main Contractor.

COMPLETION AND DELIVERY OF TENDERS

The tender and supporting documents shall be sealed in an envelope and clearly marked:

“Sub-Contract Number: ANDM/IDMS – PMU/36/09/09/24 for ...” (relevant sub-contract name, e.g. Work Package No....) and shall be hand delivered to the respective Principal Contractor's SITE OFFICE. (office hours **08:00 to 16:00**), not later than **Thursday, 26th of June 2025 at 12H00**. Late, incomplete, electronic, telegraphic, telexed, faxed bids will not be considered.

BID ENQUIRES

Enquiries relating to issues arising from this document may be addressed to:

1. Contact : Ms. Reanetse Makhupane (SM)
Tel No : +27 (0) 74 708 3253
E-mail : reanetse@mabonacivils.co.za
2. Contact : Mr James Chahweta (CM)
Tel No : +27 (0) 82 600 3024
E-mail : james@mabonacivils.co.za

T1.2: ANTICIPATED TIMELINES

GREATER MBIZANA WATER SUPPLY CONTRACT 1 WARD 17: SUB-CONTRACTING PROGRAMME ANTICIPATED TIMEFRAMES

ACTIVITY DESCRIPTION	ANTICIPATED TIMELINES (DATE)
Request for quotation/ Advert	23 rd May 2025
Briefing Sessions	Refer to the Advert above
Quotations to be submitted	26 June 2025
Evaluation	01 July 2025- 11 July 2025
Expected Appointment Dates	18 July 2025

T1.3: RETURNABLE SCHEDULES

FORM A1(SBD 1): INVITATION TO BID

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF MUNICIPALITY/ ENTITY)					
BID NUMBER:	ANDM/IDMS – PMU/36/09/09/24	CLOSING DATE:	26 June 2025	CLOSING TIME:	12H00
DESCRIPTION	SUB-CONTRACT FOR CONSTRUCTION OF A GREATER MBIZANA WATER SUPPLY: CONTRACT 1 WARD 17				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
SITE OFFICE (in the Tender box)					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON			CONTACT PERSON		
TELEPHONE NUMBER			TELEPHONE NUMBER		
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS			E-MAIL ADDRESS		
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	☐ TICK APPLICABLE BOX Yes No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		☐ TICK APPLICABLE BOX Yes No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) 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]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes No [IF YES, ANSWER PART B:3]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				☐ YES	☐ NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				☐ YES	☐ NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				☐ YES	☐ NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				☐ YES	☐ NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				YES	NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE ENGAGED WITH NEGOTIATIONS BY THE CSIR THAT MIGHT RESULT IN THE ISSUING OF A PURCHASE ORDER.
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE CSIR TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA .
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE:

FORM A2 (SBD4): COMPULSORY DECLARATION

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. To give effect to the above, the following questionnaire must be completed and submitted with the bid.
 - 3.1 Full Name of bidder or his or her representative:
 - 3.2 Identity Number:
 - 3.3 Position occupied in the Company (director, trustee, shareholder²):
 - 3.4 Company Registration Number:
 - 3.5 Tax Reference Number:
 - 3.6 VAT Registration Number:
 - 3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.
 - 3.8 Are you presently in the service of the state? **YES / NO**
 - 3.8.1 If yes, furnish particulars.....

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

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

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

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

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

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

3.10.1 If yes, furnish particulars
.....

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

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

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

3.12.1 If yes, furnish particulars
.....

3.13 Are any spouse, child or parent of the company's directors, trustees, managers, principal 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, principal 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
.....

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

Full name	Identity number	State employee number

SIGNATURE:

POSITION:

DATE:

NAME OF TENDERER:

FORM A3 (SBD8): DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

Notes to tenderer:

1. This declaration:
 - (i) must form part of all tenders submitted: and
 - (ii) if the tenderer is a joint venture, a declaration is required from each member of the joint venture.
2. This form serves as a declaration to be used by institutions 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 tender of any tenderer may be disregarded if that tenderer or any of its directors has:
 - (i) abused the institution's supply chain management system;
 - (ii) committed fraud or any other improper conduct in relation to such system; or
 - (iii) failed to perform on any previous contract.
4. **To give effect to the above, the following questionnaire must be completed and submitted with this tender.**

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's database 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 National Treasury after the <i>audi alteram partem</i> rule was applied).	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)? To access this Register enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.	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 outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		

DECLARATION

I, the undersigned,
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:

Position:

Date:

Name of Tenderer:

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FORM A4 (SBD9): CERTIFICATE OF INDEPENDENT TENDER

Notes to Tenderer:

1. This certificate conforms to Treasury Regulation 16A9 and the requirement of section 4 (1) (b) (iii) of the Competition Act, 1998 (Act No 89 of 1998), as amended, that 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 tendering.
2. Collusive tendering is a conspiracy between businesses that would normally be expected to compete, to agree not to compete, in a tender process.
3. This certificate serves as a declaration by the tenderer that the tender submitted is free from any collusion with a competitor.
4. If the tenderer is a joint venture, a declaration is required from each member of the joint venture.

Declaration

I, the undersigned, in submitting the accompanying tender on behalf of the tenderer do hereby make the following statements that I certify to be true and complete in every respect:

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

- (b) geographical area where product or service will be rendered (market allocation);
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit, or not to submit, a tender;
 - (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - (f) tendering with the intention not to win the tender.
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 tender relates.
9. The terms of the accompanying tender have not been, and will not be, disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender 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 tenders and contracts, tenders that are suspicious will be reported to the Competitions Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act, 1998 (Act No 89 of 1998) and/or may be reported to the National Prosecuting Authority 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, 2004 (Act No 12 of 2004) or any other applicable legislation.

Signature:

Name:

Position:

Date:

Name of tenderer:

FORM A5

:

TENDERER'S BANK DETAILS**Notes to tenderer:**

1. The tenderer shall attach to this form a letter (dated less than 3 months prior to the tender closing date) from a Registered Financial Service Provider (registered with FSB) which declares how he conducts his account and confirms that the Tenderer has the financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated for the subject contract. Failure to provide required letter with the tender submission may render the tenderer's offer non-responsive and it will not be considered.
2. The tenderer's banking details as they appear below shall be completed.
3. If 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.

The tenderer shall provide the following:

i) Name of account holder:

ii) Account number:

iii) Bank name:

iv) Branch number:

v) Bank and branch contact details:

SIGNED BY TENDERER:

T1.4: EVALUATION CRITERIA

STAGE 1 FUNCTIONALITY

Score each of the criteria and sub-criteria for functionality (NF) in accordance with the provisions of the tender data. Calculate the total number of tender evaluation points for functionality using the following formula:

$$NF = W_2 \times S_0 / M_s$$

where:

M_s is the maximum possible score (100) for functionality in respect of a submission; and

W₂ is the maximum possible number of tender evaluation points (100) awarded for the functionality as stated in the tender data.

S₀ is the score for functionality allocated to the submission under consideration, calculated as follows;

- a) Each Tenderer will be evaluated, and points will be allocated according to the criteria in the Table below.
- b) Information submitted in the returnable **Form T1.4A** will be used to allocate points for the respective criteria.
- c) Only Tenderers who score a minimum of **75 percentage points or more** for functionality will be evaluated further.

Description of Functionality Criteria	Maximum number of tender evaluation points
Locality (<i>project area(s)</i>)	30
CIDB grade and class (<i>targeted entity</i>)	30
Expertise and company experience	20
Designated Group (<i>e.g. woman, youth, etc</i>)	20
TOTAL	100

1. Locality

The points for Locality will be calculated as follows:

- a) The project area for this subcontract is the **Mbizana in Winnie Madikizela-Mandela Local Municipality**.
- b) For the purposes of this evaluation, "based" shall mean the tenderer's current physical address as recorded by the Companies and Intellectual Property Commission (CIPC) of the tenderer's place of business.
- c) The information provided in the returnable schedules will be used to calculate the points for locality.
- d) The maximum number of points that can be awarded for locality is **30**.
- e) The points for locality will be allocated as follows:

Table 1: Locality

Location of Business	Max. Points
If the tenderer is based within the limits of the Mbizana Town.	30
If the tenderer is based outside Winnie Madikizela-Mandela Municipality but within the Alfred Nzo District Municipality.	20

2. Targeted CIDB Grade and Class

The points for CIDB Grading Designation will be calculated as follows:

- The targeted CIDB grading and class for this subcontract is **1CE, 2CE & 3CE**.
- The information provided in the returnable schedules will be used to calculate the points for CIDB grading and class.
- The maximum number of points that can be awarded for CIDB grading designation is **30**.
- The points for Targeted CIDB Grading designation will be allocated as follows:

Table 2: Targeted CIDB Grading Designation (1CE)

CIDB Grading Designation	Max. Points
If the prospective tenderer is registered with the CIDB in a grading designation of 1 CE.	30
If the prospective tenderer is registered with the CIDB in a grading designation of 2 CE.	15

Table 3: Targeted CIDB Grading Designation (2CE)

CIDB Grading Designation	Max. Points
If the prospective tenderer is registered with the CIDB in a grading designation of 2 CE.	30
If the prospective tenderer is registered with the CIDB in a grading designation of 3 CE.	15

Table 4: Targeted CIDB Grading Designation (3CE)

CIDB Grading Designation	Max. Points
If the prospective tenderer is registered with the CIDB in a grading designation of 3 CE.	30
If the prospective tenderer is registered with the CIDB in a grading designation of 4 CE.	15

3. Expertise

Table 5: Expertise

EXPERTISE	
Experience of key personnel and company	Max. Points
National Diploma in Civil Engineering (1-5 years' experience)	12
NQF 5/ S1-S4/ N1-N6 in Civil Engineering (1-5 years' experience)	9
Experience on similar type of projects in the last 5 years	8
TOTAL	20

Note: It is compulsory that the Subcontractors/ Tenderers attach their current and completed projects along with references to verify completion of these projects with the Tender Submission. Grade 1CE bidders will be exempted from the experienced personnel criteria.

4. Designated Group Ownership

The points for Designated Group ownership will be calculated as follows:

- The targeted Designated Group ownership for this subcontract is Greater than 51% ownership by Black Youth, Women, Persons with Disabilities and Military Veterans
- The information in the returnable schedules will be used to calculate the points for Designated Group ownership.
- The maximum number of points that can be awarded for Designated Group ownership is **20**
- The points for Designated Group ownership will be allocated as follows:

Table 5: Designated Group Ownership

Ownership	Max. Points
Tenderer is at least 51% owned by black people who are youth.	5
Tenderer is at least 51% owned by black people who are women.	5
Tenderer is at least 51% owned by black people with disabilities.	5

Tenderer is at least 51% owned by black people who are military veterans.	5
TOTAL	20

Note: Only bidders who score **75 points** or more will be evaluated further (i.e. stage 2) and therefore eligible for the award.

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FORM T1.4A: FUNCTIONALITY CRITERIA

Note to tenderer:

The tenderer shall provide the following functionality criteria in the below table.

FUNCTIONALITY CRITERIA	INFORMATION REQUIRED	
Locality	Tenderer address (complete address below and attach proof of address as recorded by the Companies and Intellectual Property Commission (CIPC) of the tenderer's place of business) Additionally a letter signed by the Ward Councillor will also be required to confirm locality.	
CIDB Grade and class (not applicable for supplier subcontracts or work without CIDB category, where CIDB registration is not required)	Indicate Tenderer CIDB grade and class below	
Expertise	Indicate Tenderer key personnel Qualification below	
Designated group ownership	Select the appropriate Designated Group ownership of the tenderer below as per B-BBEE certificate (mark with X):	
	≥51% ownership by Youth	
	≥51% ownership by Women	
	51% ownership by Military veterans	
	≥51% ownership by Disabled persons (Differently abled)	
	None of the above	

SIGNED BY TENDERER:

STAGE 2: EVALUATION FOR PRICE AND PREFERENCE

The procedure for stage 2 of evaluation of responsive tenders is 80/20 with 80 for price and 20 for B-BBEE status level of contribution.

Calculation of points for price.

The points will be calculated using the following formula.

$$P_s = 80 \left[1 - \frac{P_t - P_{min}}{P_{min}} \right]$$

Where P_s = points scored for price of bid under consideration

P_t = price of bid under consideration

P_{min} = price of the lowest acceptable bid.

Points awarded for B-BBEE status level of contribution.

In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement regulations, preference points will be awarded to the bidder for attaining the B-BBEE status level of contribution as shown in the table below.

Specific goals N_{EP} (max = 20 points).

B-BBEE status level of contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant	0

Calculation of Total Points scored.

$$\text{Total Score} = P_s + N_{EP}$$

PART C1: AGREEMENTS

C1.1 FORMS OF OFFER AND ACCEPTANCE

C1.1.1 FORM OF OFFER

Name of Subcontractor: _____

Address : _____

: _____

: _____

1. I/we, by signing this form of offer acknowledge it is the equivalent of the Letter of Subcontractor's Offer as defined in clause 1.1.10 in the "Conditions of Subcontract for Construction for Building and Engineering Works designed by the Employer" (2011), published by the International Federation of Consulting Engineers (FIDIC).
2. I/we, confirm that I/we practice the principles of corporate governance that abhors corruption and fraud and that I/we have examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules and am/are duly authorised to represent and commit the tenderer to the contractual obligations contained therein.
3. I/we further confirm that by submitting this offer the tenderer accepts the conditions of tender and offers to perform all 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 tender and the conditions of contract identified in the contract data.

4. PRICE OFFERED

WORK PACKAGE: WORK PACKAGE NO. 1: Reticulation and standpipes

THE OFFERED TOTAL OF THE PRICES (INCLUSIVE OF VALUE ADDED TAX) BROUGHT FORWARD FROM SECTION C2.2: PRICING SCHEDULE SUMMARY IS

..... (in words)

(R..... in figures)

I/we confirm that if any difference between the total of the Pricing Schedule Summary and the amounts stated above exists, the total in the Pricing Schedule Summary shall apply.

5. PREFERENCE CLAIMED

I/we claim the following B-BBEE contributor status level: Tenderer's B-BBEE Verification Certificate. In the event of any difference between the above stated status level and the Verification Certificate attached, the Verification Certificate shall apply.

6. You may accept this offer by signing and returning to the tenderer one copy of the Form of Acceptance before the end of the period of validity stated in the tender data, (or at the end of any agreed extension thereof), whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.
7. Notwithstanding anything contained in a covering letter to this tender, I/we declare this offer is submitted entirely without deviations or qualifications.

Yours faithfully,

SIGNATURE: DATE:

NAME (IN CAPITALS):

CAPACITY:

NAME AND ADDRESS OF ORGANISATION:

.....

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE:

NAME (IN CAPITALS):

WITNESS 2:

SIGNATURE:

NAME (IN CAPITALS):

PART C1: AGREEMENTS

C1.1 FORMS OF OFFER AND ACCEPTANCE

C1.1.1 FORM OF OFFER

Name of Subcontractor: _____

Address : _____
: _____
: _____

1. I/we, by signing this form of offer acknowledge it is the equivalent of the Letter of Subcontractor's Offer as defined in clause 1.1.10 in the "Conditions of Subcontract for Construction for Building and Engineering Works designed by the Employer" (2011), published by the International Federation of Consulting Engineers (FIDIC).
2. I/we, confirm that I/we practise the principles of corporate governance that abhors corruption and fraud and that I/we have examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules and am/are duly authorised to represent and commit the tenderer to the contractual obligations contained therein.
3. I/we further confirm that by submitting this offer the tenderer accepts the conditions of tender and 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 tender and the conditions of contract identified in the contract data.

4. PRICE OFFERED

WORK PACKAGE : WORK PACKAGE NO. 2: Reticulation and standpipes

THE OFFERED TOTAL OF THE PRICES (INCLUSIVE OF VALUE ADDED TAX) BROUGHT FORWARD FROM SECTION C2.2: PRICING SCHEDULE SUMMARY IS

..... (in words)

(R..... in figures)

I/we confirm that if any difference between the total of the Pricing Schedule Summary and the amounts stated above exists, the total in the Pricing Schedule Summary shall apply.

5. PREFERENCE CLAIMED

I/we claim the following B-BBEE contributor status level: Tenderer's B-BBEE Verification Certificate. In the event of any difference between the above stated status level and the Verification Certificate attached, the Verification Certificate shall apply.

6. You may accept this offer by signing and returning to the tenderer one copy of the Form of Acceptance before the end of the period of validity stated in the tender data, (or at the end of any agreed extension thereof), whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.
7. Notwithstanding anything contained in a covering letter to this tender, I/we declare this offer is submitted entirely without deviations or qualifications.

Yours faithfully,

SIGNATURE: DATE:

NAME (IN CAPITALS):

CAPACITY:

NAME AND ADDRESS OF ORGANISATION:

.....

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE:

NAME (IN CAPITALS):

WITNESS 2:

SIGNATURE:

NAME (IN CAPITALS):

PART C1: AGREEMENTS

C1.1 FORMS OF OFFER AND ACCEPTANCE

C1.1.1 FORM OF OFFER

Name of Subcontractor: _____

Address : _____

: _____

: _____

8. I/we, by signing this form of offer acknowledge it is the equivalent of the Letter of Subcontractor's Offer as defined in clause 1.1.10 in the "Conditions of Subcontract for Construction for Building and Engineering Works designed by the Employer" (2011), published by the International Federation of Consulting Engineers (FIDIC).
9. I/we, confirm that I/we practise the principles of corporate governance that abhors corruption and fraud and that I/we have examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules and am/are duly authorised to represent and commit the tenderer to the contractual obligations contained therein.
10. I/we further confirm that by submitting this offer the tenderer accepts the conditions of tender and 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 tender and the conditions of contract identified in the contract data.

11. PRICE OFFERED

WORK PACKAGE : WORK PACKAGE NO. 3: Pipeline markers

THE OFFERED TOTAL OF THE PRICES (INCLUSIVE OF VALUE ADDED TAX) BROUGHT FORWARD FROM SECTION C2.2: PRICING SCHEDULE SUMMARY IS

..... (in words)

(R..... in figures)

I/we confirm that if any difference between the total of the Pricing Schedule Summary and the amounts stated above exists, the total in the Pricing Schedule Summary shall apply.

12. PREFERENCE CLAIMED

I/we claim the following B-BBEE contributor status level: Tenderer's B-BBEE Verification Certificate. In the event of any difference between the above stated status level and the Verification Certificate attached, the Verification Certificate shall apply.

13. You may accept this offer by signing and returning to the tenderer one copy of the Form of Acceptance before the end of the period of validity stated in the tender data, (or at the end of any agreed extension thereof), whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

14. Notwithstanding anything contained in a covering letter to this tender, I/we declare this offer is submitted entirely without deviations or qualifications.

Yours faithfully,

SIGNATURE: DATE:

NAME (IN CAPITALS):

CAPACITY:

NAME AND ADDRESS OF ORGANISATION:

.....

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE:

NAME (IN CAPITALS):

WITNESS 2:

SIGNATURE:

NAME (IN CAPITALS):

PART C1: AGREEMENTS

C1.1 FORMS OF OFFER AND ACCEPTANCE

C1.1.1 FORM OF OFFER

Name of Sub Contractor: _____

Address : _____

: _____

: _____

15. I/we, by signing this form of offer acknowledge it is the equivalent of the Letter of Subcontractor's Offer as defined in clause 1.1.10 in the "Conditions of Subcontract for Construction for Building and Engineering Works designed by the Employer" (2011), published by the International Federation of Consulting Engineers (FIDIC).
16. I/we, confirm that I/we practise the principles of corporate governance that abhors corruption and fraud and that I/we have examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules and am/are duly authorised to represent and commit the tenderer to the contractual obligations contained therein.
17. I/we further confirm that by submitting this offer the tenderer accepts the conditions of tender and 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 tender and the conditions of contract identified in the contract data.

18. PRICE OFFERED

WORK PACKAGE : WORK PACKAGE NO. 4: Pipeline markers and standpipes

THE OFFERED TOTAL OF THE PRICES (INCLUSIVE OF VALUE ADDED TAX) BROUGHT FORWARD FROM SECTION C2.2: PRICING SCHEDULE SUMMARY IS

..... (in words)

(R..... in figures)

I/we confirm that if any difference between the total of the Pricing Schedule Summary and the amounts stated above exists, the total in the Pricing Schedule Summary shall apply.

19. PREFERENCE CLAIMED

I/we claim the following B-BBEE contributor status level: Tenderer's B-BBEE Verification Certificate. In the event of any difference between the above stated status level and the Verification Certificate attached, the Verification Certificate shall apply.

20. You may accept this offer by signing and returning to the tenderer one copy of the Form of Acceptance before the end of the period of validity stated in the tender data, (or at the end of any agreed extension thereof), whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

21. Notwithstanding anything contained in a covering letter to this tender, I/we declare this offer is submitted entirely without deviations or qualifications.

Yours faithfully,

SIGNATURE: DATE:

NAME (IN CAPITALS):

CAPACITY:

NAME AND ADDRESS OF ORGANISATION:

.....

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE:

NAME (IN CAPITALS):

WITNESS 2:

SIGNATURE:

NAME (IN CAPITALS):

PART C1: AGREEMENTS

C1.1 FORMS OF OFFER AND ACCEPTANCE

C1.1.1 FORM OF OFFER

Name of Sub Contractor: _____

Address : _____

: _____

: _____

22. I/we, by signing this form of offer acknowledge it is the equivalent of the Letter of Subcontractor's Offer as defined in clause 1.1.10 in the "Conditions of Subcontract for Construction for Building and Engineering Works designed by the Employer" (2011), published by the International Federation of Consulting Engineers (FIDIC).

23. I/we, confirm that I/we practise the principles of corporate governance that abhors corruption and fraud and that I/we have examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules and am/are duly authorised to represent and commit the tenderer to the contractual obligations contained therein.

24. I/we further confirm that by submitting this offer the tenderer accepts the conditions of tender and 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 tender and the conditions of contract identified in the contract data.

25. PRICE OFFERED

WORK PACKAGE : WORK PACKAGE NO. 5: Pipeline markers and standpipes

THE OFFERED TOTAL OF THE PRICES (INCLUSIVE OF VALUE ADDED TAX) BROUGHT FORWARD FROM SECTION C2.2: PRICING SCHEDULE SUMMARY IS

..... (in words)

(R..... in figures)

I/we confirm that if any difference between the total of the Pricing Schedule Summary and the amounts stated above exists, the total in the Pricing Schedule Summary shall apply.

26. PREFERENCE CLAIMED

I/we claim the following B-BBEE contributor status level: Tenderer's B-BBEE Verification Certificate. In the event of any difference between the above stated status level and the Verification Certificate attached, the Verification Certificate shall apply.

27. You may accept this offer by signing and returning to the tenderer one copy of the Form of Acceptance before the end of the period of validity stated in the tender data, (or at the end of any agreed extension thereof), whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

28. Notwithstanding anything contained in a covering letter to this tender, I/we declare this offer is submitted entirely without deviations or qualifications.

Yours faithfully,

SIGNATURE: DATE:

NAME (IN CAPITALS):

CAPACITY:

NAME AND ADDRESS OF ORGANISATION:

.....

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE:

NAME (IN CAPITALS):

WITNESS 2:

SIGNATURE:

NAME (IN CAPITALS):

C1.1.2 FORM OF ACCEPTANCE

To: **(Name of successful Subcontractor)**

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

Deviations from and amendments to the documents listed in the Tender Data, including the proposed key personnel 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

PART C2: CONTRACT DATA

PART C2: CONTRACT DATA – INFORMATION PROVIDED BY THE SUB-CONTRACTOR

THE SUB-CONTRACTOR IS:

PHYSICAL ADDRESS:

.....

.....

POSTAL ADDRESS:

.....

.....

TELEPHONE:

FACSIMILE:

E-MAIL:

NAME OF THE SUB-CONTRACTOR'S REPRESENTATIVE IS:

.....

PART C2: PRICING DATA

TABLE OF CONTENTS	PAGE
FORM C2.1 PRICING INSTRUCTIONS.....	26
FORM C2.2 BILL OF QUANTITIES	28

FORM 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 Consortium'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 tenderer has the right, under various circumstances, to payment for additional works carried out and that the Client 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 tenderer.
 - 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 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 Contract.
8. An amount or rate shall be entered against each item in the Bill of Quantities, whether or not quantities are stated. An item against which no amount or rate is entered will be considered to be covered by the other amounts or rates in the Bill.
The Bidder shall also fill in a rate against the items where the words "rate only" appears in the amount column. Although no work is foreseen under these items and no quantities are consequently given in the quantity column, the bidden rates shall apply should work under these items actually be required.

9 The quantities set out in the schedule of quantities are only approximate quantities. The quantities of work finally accepted and certified for payment, and not the quantities given in the schedule of quantities, will be used to determine payments to the contractor.

10 For the purposes of this Bill of Quantities, the following words shall have the meanings hereby assigned to them:

Unit : The unit of measurement for each item of work as defined in the Standardized, Project or Particular Specifications

Quantity : The number of units of work for each item

Rate : The payment per unit of work at which the Bidder bids to do the work Amount

: The quantity of an item multiplied by the bid rate of the (same) item

Sum : An amount bid for an item, the extent of which is described in the Bill of Quantities, the Specifications or elsewhere, but of which the quantity of work is not measured in units

11 The units of measurement indicated in the Bill of Quantities are metric units. The following abbreviations may appear in the Bill of Quantities:

mm	=	millimetre
m	=	metre
km	=	kilometre
km-pass	=	kilometre-pass
m ²	=	square metre
m ² -pass	=	square metre-pass
ha	=	hectare
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
kW	=	kilowatt
kN	=	kilonewton
kg	=	kilogram
t	=	ton (1 000 kg)
%	=	per cent
MN	=	mega Newton

FORM C2.2: BILL OF QUANTITIES

MCP

WORK PACKAGE 1 – PIPELINE AND STANDPIPES: BILL OF QUANTITIES

MCP

ALFRED NZO DISTRICT MUNICIPALITY
Greater Mbizana Water Supply: Contract 1 Ward 17
SUMMARY OF SECTIONS

SECTION	DESCRIPTION	BILLED AMOUNT (RAND)	
1	PRELIMINARY AND GENERAL		
2	SITE CLEARANCE		
3	EARTHWORK		
4	PIPE TRENCHES		
5	MEDIUM-PRESSURE PIPELINES		
6	BEDDING (PIPES)		
NETT TOTAL TENDER (VAT EXCLUDED)			
GROSS TOTAL			

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17****SECTION 1: PRELIMINARY AND GENERAL**

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1.1	8.3	<u>FIXED-CHARGE AND VALUE RELATED ITEMS</u>				
1.1.1	8.3.1	Contractual Requirements	sum	1		
	8.3.2	<u>Establishment of Facilities on the Site</u>				
	8.3.2.2	<u>Facilities for Contractor</u>				
1.1.5		a) Offices and storage sheds	Sum	1		
1.1.8		d) Living accommodation	Sum	1		
1.1.9		e) Ablution and latrine facilities	Sum	1		
1.1.10		f) Tools and equipment	Sum	1		
1.1.11		g) Water supplies, electric power and communications	Sum	1		
1.1.14		j) Plant	Sum	1		
1.1.16	8.3.4	Removal of Site Establishment	Sum	1		
		Other Fixed-charge Obligations	sum	1		
	PSA 8.4.6	<u>Compliance with the OHS Act (1993, as amended), the Construction Regulations (2014) and the Particular Safety Specification:</u>				
	PSHSS 6.1.2; CR 5(1)(I)	i) Preparation of the Contractor's site specific Health and Safety Plan & Safety representative	Sum	1		
	GSR 2; PSHSS 7.7	iii) Provision of SABS Personal Protective Equipment				
	PSHSS 7.7	(a) Hard Hats	No	8		
		(b) Reflective vests	No	11		
		(c) Protective foot wear	No	8		
		(d) Corded Earplugs	No	5		
		(e) Dust masks FFP2	No	192		
		(g) Gloves	No	32		
		(h) Goggles	No	16		
		(i) overall	No	10		
	PSHSS 7.2	(a) Initial (baseline) medical examinations	No	15		
1.2	8.4	<u>TIME-RELATED ITEMS</u>				
		iv) OH&S Legal Compliance				
1.2.21	GSR 3(5); PSHSS 7.5	a) First Aid box		1		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1	SABS 1200 C	SABS 1200 C - SITE CLEARANCE (PIPE ROUTE)				
	8.2.1	Clear and grub				
1.1		(i) Pipeline route (10m wide strip)	m	3100		
	8.2.2	Remove and grub large trees and tree stumps of girth				
1.2		a) over 1 m and up to 2 m	No.	2		
1.3		b) over 2 m and up to 3 m	No.	2		
1.4	8.2.3	Reclear surfaces (only on instructions from Engineer)	m	50		
1.5	PSC 8.2.5	Take down existing fences	km	1.2		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
2	SABS	EARTHWORKS (PIPE ROUTE)				
	1200D					
	8,3,3	Restricted Excavation:				
2.1		c)Excavate at break pressure tank site in all materials and use for backfill or embankment, or dispose	m ²			
	8.3.8	Existing Services				
	8.3.8.1	Location				
2.2		c) Excavate by hand in soft material to expose water / telkom / electrical service (LI)	m ³	69.34		
	8.3.10	Topsoiling				
2.3		(i) Pipeline Route	m ²	3300		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
3	SABS 1200 DB	SABS 1200 DB - PIPE TRENCHES				
	8.3.1	Site Clearance and (if specified) Removal of Topsoil				
	PSDB	c) Remove Topsoil				
	8.3.1.C					
3.1		(i) 150mm up to 5m wide stripe	m ²	3300		
3.2		(ii) 300mm up to 5m wide stripe	m ²	400		
	8.3.2	Excavation				
		a) Excavate in all materials for trenches, backfill, compact, and dispose of surplus material				
		For pipes:				
		Up to and including 400mm diam. for total trench depth:				
3.3		Over 0m and up to 1m(LI)	m	2400		
3.4		Over 1m and up to 2m	m	699		
3.5		Over 2m and up to 3m	m			
		b) Extra-over item (a) above for:				
3.6		1) Intermediate excavation	m ³	350		
3.7		2) Hard rock excavation	m ³	20		
3.8		3) Hard rock excavation near residential buildings (Mounted hydraulic breaker where directed by the Engineer)	m ³	40		
3.10	8.3.2(b)	Excavate and dispose of unsuitable material from trench bottom within a 1km radius freehaul (Provisional)	m ³			
	8.3.3	Excavation Ancillaries				
	8.3.3.1	Make up deficiency in backfill material (provisional)				
3.11		a) from other necessary excavations on site	m ³	195		
3.12		c) by importation from commercial or off site sources selected by the Contractor	m ³	195		
3.18	8.3.5	(i) Existing houses and toilet structures Existing Services that Intersect or Adjoin a Pipe Trench	m			
		a) Services that intersect a trench				
3.20		ii) Water pipe up to 400 mm dia.	No.	80		
3.21		iii) Electrical Cables	No.	35		
		b) Services that adjoin a trench				
3.24		ii) Electrical Cables	m	35		
	8.3.6	Finishing				
	8.3.6.1	Reinstate road surfaces complete with all courses				
3.25		a) Gravel on shoulders and wearing course	m ²	200		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY

Greater Mbizana Water Supply: Contract 1 Ward 17

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
4	SABS 1200 L	SABS 1200 L - MEDIUM-PRESSURE PIPELINES				
	8.2.1	Supply, Lay and Bed Pipes Complete with Couplings				
		110 Diameter Pipes				
4.2		(i) 75mm diam. mPVC CL9 to SABS 966-2	m	720		
4.3		(i) 63mm diam. HDPE CL10 to SABS 533	m	784		
4.4		(i) 50mm diam. HDPE CL10 to SABS 533	m	1500		
	8.2.2	Extra-over 8.2.1 for the Supplying, Laying and Bedding of Specials Complete with Couplings mPVC Double Socketed Bends CL12 75 Diameter Pipes				
4.5		(i) 75 mm Ø 11¼° bend	No	3		
4.6		(ii) 75 mm Ø 22½° bend	No	4		
4.7		(iii) 75 mm Ø 45° bend	No	4		
	PSL 8.2.17					
4.11		vi) 110 x 75 Ø reducer	No.			
4.12		vii) 110 x 63 Ø reducer	No.			
4.14		xi) 75 Ø Equal Tee	No.			
4.15		xiv) 160 x 63 Ø Reducing Tee	No.			
4.16		xv) 110 x 65 Ø GMS Reducing Tee FAE	No.	1		
4.17		xvi) 110 x 75 Ø Reducing Tee	No.	1		
		Fittings CL12 HDPE				
4.18		xvii) 63 Ø Equal Tee	No.			
4.19		xviii) 50 Ø Equal Tee	No.			
		xix) Saddle 75mm*50mm	No	5		
		xx) Saddle 110mm*50mm	No	10		
		xxi) 110mm CI flange adaptor	No	2		
		xxii) 65mm flanged adaptor for HDPE	No	1		
	8.2.3	xxiii) Saddle 160mm*63mm	No	1		
		xxiv) 63mm male adaptor	No	1		
		xxv) Saddle 160mm*50mm	No	5		
		xxiii) 50mm male adaptor	No	5		
	8.2.3	Extra-over 8.2.1 for the Supplying, Fixing, and Bedding of Valves Isolating Valve assembly complete as per detail on drawing no. PRJ040-CT1-C303				
		i) 75 mm Ø ND, PN16	No			
		ii) 63mm Ø ND, PN16	No			
		Reinforced concrete thrust wall complete including excavation, concrete, rough formwork, flanged 1.5m long GMS puddle pipe as per detail drawing including steel to uPVC adaptors for mains testing at each end and every 1400m for the following pipe size (concrete to extend both 200mm below invert and above crown of pipes) :				
4.23	8.2.13					
	PSL 8.2.16	Supply and install standpipe Type 1 complete as per detail on drawing No. PRJ040-CT1-C304	No			
		Supply and install standpipe Type 2 complete as per detail on drawing No. PRJ040-CT1-C307	No			
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
5	SABS 1200 LB	SABS 1200 LB - BEDDING: (PIPES)				
	8.2.1	Supply only of Bedding from Trench Excavation within 0.5km				
5.1		a) Selected granular material	m3	231		
5.2		b) Selected fill material	m3	866.25		
	8.2.2	Supply only of Bedding by Importation				
	8.2.2.3	From commercial sources (Provisional)				
5.3		a) Selected granular material	m³	50		
5.4		b) Selected fill material	m³	50		
		c) 19mm graded crushed stone	m³	60		
TOTAL CARRIED FORWARD TO SUMMARY						

MCP

ALFRED NZO DISTRICT MUNICIPALITY			
Greater Mbizana Water Supply: Contract 1 Ward 17			
SUMMARY OF SECTIONS			
SECTION	DESCRIPTION	BILLED AMOUNT (RAND)	
1	PRELIMINARY AND GENERAL		
2	SITE CLEARANCE		
3	EARTHWORK		
4	PIPE TRENCHES		
5	MEDIUM-PRESSURE PIPELINES		
6	BEDDING (PIPES)		
NETT TOTAL TENDER (VAT EXCLUDED)			
ALLOWANCE FOR VAT (15%)			
GROSS TOTAL			

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17****SECTION 1: PRELIMINARY AND GENERAL**

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1.1	8.3	<u>FIXED-CHARGE AND VALUE RELATED ITEMS</u>				
1.1.1	8.3.1	Contractual Requirements	sum	1		
	8.3.2	<u>Establishment of Facilities on the Site</u>				
	8.3.2.2	<u>Facilities for Contractor</u>				
1.1.5		a) Offices and storage sheds	Sum	1		
1.1.8		d) Living accommodation	Sum	1		
1.1.9		e) Ablution and latrine facilities	Sum	1		
1.1.10		f) Tools and equipment	Sum	1		
1.1.11		g) Water supplies, electric power and communications	Sum	1		
1.1.14		j) Plant	Sum	1		
1.1.15		other fixed obligations	sum	1		
1.1.16	8.3.4	Removal of Site Establishment	Sum	1		
	PSA 8.4.6	<u>Compliance with the OHS Act (1993, as amended), the Construction Regulations (2014) and the Particular Safety Specification:</u>				
	PSHSS 6.1.2; CR 5(1)(l)	i) Preparation of the Contractor's site specific Health and Safety Plan & safety representative	Sum	1		
	GSR 2; PSHSS 7.7 PSHSS 7.7	iii) Provision of SABS Personal Protective Equipment				
		(a) Hard Hats	No	8		
		(b) Reflective vests	No	11		
		(c) Protective foot wear	No	8		
		(d) Corded Earplugs	No	5		
		(e) Dust masks FFP2	No	384		
		(g) Gloves	No	32		
		(h) Goggles	No	16		
		(i) overall	No	10		
	PSHSS 7.2	(a) Initial (baseline) medical examinations	No	15		
1.2	8.4	<u>TIME-RELATED ITEMS</u>				
		iv) OH&S Legal Compliance Training - SAQA UNIT STANDARD				
1.2.21	GSR 3(5); PSHSS 7.5	a) First Aid box		1		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1	SABS 1200 C	SABS 1200 C - SITE CLEARANCE (PIPE ROUTE)				
	8.2.1	Clear and grub				
1.1		(i) Pipeline route (10m wide strip)	m	13214		
	8.2.2	Remove and grub large trees and tree stumps of girth				
1.2		a) over 1 m and up to 2 m	No.	2		
1.3		b) over 2 m and up to 3 m	No.	2		
1.5	8.2.4	Reclear surfaces (only on instructions from Engineer)	m	50		
1.6	PSC 8.2.5	Take down existing fences	km	7		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
2	SABS	EARTHWORKS (PIPE ROUTE)				
	1200D					
	8,3,3	Restricted Excavation:				
2.1		c)Excavate at break pressure tank site in all materials and use for backfill or embankment, or dispose				
	8.3.8	Existing Services				
	8.3.8.1	Location				
2.2		c) Excavate by hand in soft material to expose water / telkom / electrical service (LI)	m ³	85		
	8.3.10	Topsoiling				
2.3		(i) Pipeline Route	m ²	5000		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
3	SABS 1200 DB	SABS 1200 DB - PIPE TRENCHES				
	8.3.1	Site Clearance and (if specified) Removal of Topsoil				
	PSDB	c) Remove Topsoil				
	8.3.1.C					
3.1		(i) 150mm up to 5m wide stripe	m ²	1900		
3.2		(ii) 300mm up to 5m wide stripe	m ²	1500		
	8.3.2	Excavation				
		a) Excavate in all materials for trenches, backfill, compact, and dispose of surplus material				
		For pipes:				
		Up to and including 400mm diam. for total trench depth:				
3.3		Over 0m and up to 1m(LI)	m			
3.4		Over 1m and up to 2m	m	11807		
3.5		Over 2m and up to 3m	m	1407		
		b) Extra-over item (a) above for:				
3.6		1) Intermediate excavation	m ³	140		
3.7		2) Hard rock excavation	m ³	20		
3.8		3) Hard rock excavation near residential buildings (Mounted hydraulic breaker where directed by the Engineer)	m ³	40		
3.9		c) Excavate and dispose of unsuitable material from trench bottom (provisional)	m ³			
3.10	8.3.2(b)	Excavate and dispose of unsuitable material from trench bottom within a 1km radius freehaul (Provisional)	m ³			
	8.3.3	Excavation Ancillaries				
	8.3.3.1	Make up deficiency in backfill material (provisional)				
3.11		a) from other necessary excavations on site	m ³	195		
3.12		c) by importation from commercial or off site sources selected by the Contractor	m ³	195		
3.18	8.3.5	(i) Existing houses and toilet structures Existing Services that Intersect or Adjoin a Pipe Trench	m			
		a) Services that intersect a trench				
3.19		i) Concrete pipe up to 1000 mm dia.	No.			
3.20		ii) Water pipe up to 400 mm dia.	No.	80		
3.21		iii) Electrical Cables	No.	35		
		b) Services that adjoin a trench				
3.22		i) Water pipe up to 400 mm dia.	m	35		
	8.3.6.1	Reinstate road surfaces complete with all courses				
3.25		a) Gravel on shoulders and wearing course	m ²	24		
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY

Greater Mbizana Water Supply: Contract 1 Ward 17

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
4	SABS 1200 L	SABS 1200 L - MEDIUM-PRESSURE PIPELINES				
	8.2.1	Supply, Lay and Bed Pipes Complete with Couplings				
		110 Diameter Pipes				
4.1		(i) 110mm diam. mPVC CL9 to SABS 966-2	m	398		
4.2		(i) 75mm diam. mPVC CL9 to SABS 966-2	m	1009		
4.3		(i) 63mm diam. HDPe CL10 to SABS 533	m	1698		
4.4		(i) 50mm diam. HDPE CL10 to SABS 533	m	10109		
	8.2.2	Extra-over 8.2.1 for the Supplying, Laying and Bedding of Specials Complete with Couplings mPVC Double Socketed Bends CL12				
		75 Diameter Pipes				
4.5		(i) 75 mm Ø 11¼° bend	No	2		
4.6		(ii) 75 mm Ø 22½° bend	No	2		
4.7		(iii) 75 mm Ø 45° bend	No	2		
		110 Diameter Pipe Bends	No			
4.8		(i) 110 mm Ø 11¼° bend	No	2		
4.9		(ii) 110 mm Ø 22½° bend	No	6		
4.10		(iii) 110 mm Ø 45° bend	No	4		
	PSL 8.2.17					
4.11		i) 110 x 75 Ø reducer	No.	2		
		ii) 75 x 63 Ø reducer	No.	1		
4.16		iii) 110 x 75 Ø Reducing Tee	No.	1		
4.17		iv) 75 x 50 Ø Reducing Tee	No.	1		
		v) 110 x 50 Ø Saddle	No	6		
		vi) 63mm hdpe Male Adaptor	No	6		
		vii) 75 x 50 Ø saddle	No	13		
		viii) 50mm hdpe Male Adaptor	No	13		
		Fittings CL12 HDPe				
4.18		xvii) 63 Ø Equal Tee	No.			
4.19		xviii) 50 Ø Equal Tee	No.	23		
4.23	PSL 8.2.16	Supply and install standpipe Type 1 complete as per detail on drawing No. PRJ040-CT1-C304	No	5		
		Supply and install standpipe Type 2 complete as per detail on drawing No. PRJ040-CT1-C307	No			
TOTAL CARRIED TO SUMMARY						

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
5	SABS 1200 LB	SABS 1200 LB - BEDDING: (PIPES)				
	8.2.1	Supply only of Bedding from Trench Excavation within 0.5km				
5.1		a) Selected granular material	m ³	924.98		
5.2		b) Selected fill material	m ³	3468.675		
	8.2.2	Supply only of Bedding by Importation				
	8.2.2.3	From commercial sources (Provisional)				
5.3		a) Selected granular material	m ³	55		
5.4		b) Selected fill material	m ³	55		
		c) 19mm graded crushed stone	m ³	65		
TOTAL CARRIED FORWARD TO SUMMARY						

WORK PACKAGE 3 – PIPELINE MARKERS: BILL OF QUANTITIES

MCP

ALFRED NZO DISTRICT MUNICIPALITY		
Greater Mbizana Water Supply: Contract 1 Ward 17		
SUMMARY OF SECTIONS		
SECTION	DESCRIPTION	BILLED AMOUNT (RAND)
1	PRELIMINARY AND GENERAL	
2	MEDIUM-PRESSURE PIPELINES	
NETT TOTAL TENDER (VAT EXCLUDED)		
GROSS TOTAL		

ALFRED NZO DISTRICT MUNICIPALITY

Greater Mbizana Water Supply: Contract 1 Ward 17

SECTION 1: PRELIMINARY AND GENERAL

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1	SABS 1200 A	SABS 1200 A - GENERAL				
1.1	8.3	<u>FIXED-CHARGE AND VALUE RELATED ITEMS</u>				
		Contractual requirements		1		
	8.3.2.2	<u>Facilities for Contractor</u>				
1.1.1		d) Living accommodation	Sum	1		
1.1.2		f) Tools and equipment	Sum	1		
	PSA 8.4.6	<u>Compliance with the OHS Act (1993, as amended), the Construction Regulations (2014) and the Particular Safety Specification:</u>				
1.1.3	PSHSS 6.1.2; CR 5(1)(l)	i) Preparation of the Contractor's site specific Health and Safety Plan	Sum	1		
	GSR 2; PSHSS 7.7 PSHSS 7.7 PSHSS 7.7	iii) Provision of EPWP Branded SABS Personal Protective Equipment				
1.1.4		(a) Hard Hats	No	8		
1.1.5		(b) Reflective vests	No	8		
1.1.6		(c) Protective foot wear	No	8		
1.1.7		(d) Corded Earplugs	No	3		
1.1.8		(e) Dust masks FFP2	No	80		
1.1.9		(g) Gloves	No	24		
		(h) Goggles	No	8		
1.1.27	CR 7(1)(g); PSHSS 7.2	(i) overall	No	8		
		(a) Initial (baseline) medical examinations	No	8		
1.2	8.4	<u>TIME-RELATED ITEMS</u>				
		iv) OH&S Legal Compliance Training - SAQA UNIT STANDARD				
1.2.1	GSR 3(5); PSHSS 7.5	a) First Aid box	No	1		
Total carried forward to summary						

ALFRED NZO DISTRICT MUNICIPALITY

Greater Mbizana Water Supply: Contract 1 Ward 17

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1.	SABS 1200 L	SABS 1200 L - MEDIUM-PRESSURE PIPELINES				
1.1	PSL 8.2.16	Supply and install pipeline markers as per detail on drawing PRJ040-CT1-C307	No.	950		
1.2	PSL 8.2.17	Supply and install valve markers as per detail on drawing No. PRJ040-CT1-C307	No.			
1.3		Supply and install standpipe Type 1 complete as per detail on drawing No. PRJ040-CT1-C304	No			
1.4		Supply and install standpipe Type 2 complete as per detail on drawing No. PRJ040-CT1-C307	No			
TOTAL CARRIED TO SUMMARY						

WORK PACKAGE 4 – PIPELINE MARKERS AND STANDPIPES: BILL OF QUANTITIES

MCP

ALFRED NZO DISTRICT MUNICIPALITY			
Greater Mbizana Water Supply: Contract 1 Ward 17			
SUMMARY OF SECTIONS			
SECTION	DESCRIPTION	BILLED AMOUNT (RAND)	
1	PRELIMINARY AND GENERAL		
2	MEDIUM-PRESSURE PIPELINES		
NETT TOTAL TENDER (VAT EXCLUDED)			
GROSS TOTAL			

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1	SABS 1200 A	SABS 1200 A - GENERAL				
		Contractual requirements	sum	1		
1.1	8.3	<u>FIXED-CHARGE AND VALUE RELATED ITEMS</u>				
	8.3.2.2	<u>Facilities for Contractor</u>				
1.1.1		d) Living accommodation	Sum	1		
1.1.2		f) Tools and equipment	Sum	1		
	PSA 8.4.6	<u>Compliance with the OHS Act (1993, as amended), the Construction Regulations (2014) and the Particular Safety Specification:</u>				
1.1.3	PSHSS 6.1.2; CR 5(1)(l)	i) Preparation of the Contractor's site specific Health and Safety Plan	Sum	1		
	GSR 2; PSHSS 7.7 PSHSS 7.7	iii) Provision of EPWP Branded SABS Personal Protective Equipment				
1.1.4		(a) Hard Hats	No	8		
1.1.5		(b) Reflective vests	No	8		
1.1.6		(c) Protective foot wear	No	8		
1.1.7		(d) Corded Earplugs	No	3		
1.1.8		(e) Dust masks FFP2	No	80		
1.1.9		(g) Gloves	No	16		
		(h) Goggles	No	8		
	CR 7(1)(g);	(i) overall	No	8		
1.1.27	PSHSS 7.2	(a) Initial (baseline) medical examinations	No	8		
		Other Fixed-charge Obligations	sum	1		
1.2	8.4	<u>TIME-RELATED ITEMS</u>				
		iv) OH&S Legal Compliance Training - SAQA UNIT STANDARD				
1.2.1	GSR 3(5); PSHSS 7.5	a) First Aid box	No	1		
	PSA 8.7	DAYWORK (See 8.1.2.1 (d))				
1.2.2		a) Labour	Prov Sum	1		
Total carried forward to summary						

ALFRED NZO DISTRICT MUNICIPALITYGreater Mbizana Water Supply: Contract 1 Ward 17

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1.	SABS 1200 L	SABS 1200 L - MEDIUM-PRESSURE PIPELINES				
1.1	PSL 8.2.16	Supply and install pipeline markers as per detail on drawing PRJ040-CT1-C307	No.	200		
1.3		Supply and install standpipe Type 1 complete as per detail on drawing No. PRJ040-CT1-C304	No	70		
1.4		Supply and install standpipe Type 2 complete as per detail on drawing No. PRJ040-CT1-C307	No			
TOTAL CARRIED TO SUMMARY						

WORK PACKAGE 5 – PIPELINE MARKERS AND STANDPIPES: BILL OF QUANTITIES

MCP

ALFRED NZO DISTRICT MUNICIPALITY			
Greater Mbizana Water Supply: Contract 1 Ward 17			
SUMMARY OF SECTIONS			
SECTION	DESCRIPTION	BILLED AMOUNT (RAND)	
1	PRELIMINARY AND GENERAL		
2	MEDIUM-PRESSURE PIPELINES		
NETT TOTAL TENDER (VAT EXCLUDED)			
GROSS TOTAL			

ALFRED NZO DISTRICT MUNICIPALITY**Greater Mbizana Water Supply: Contract 1 Ward 17**

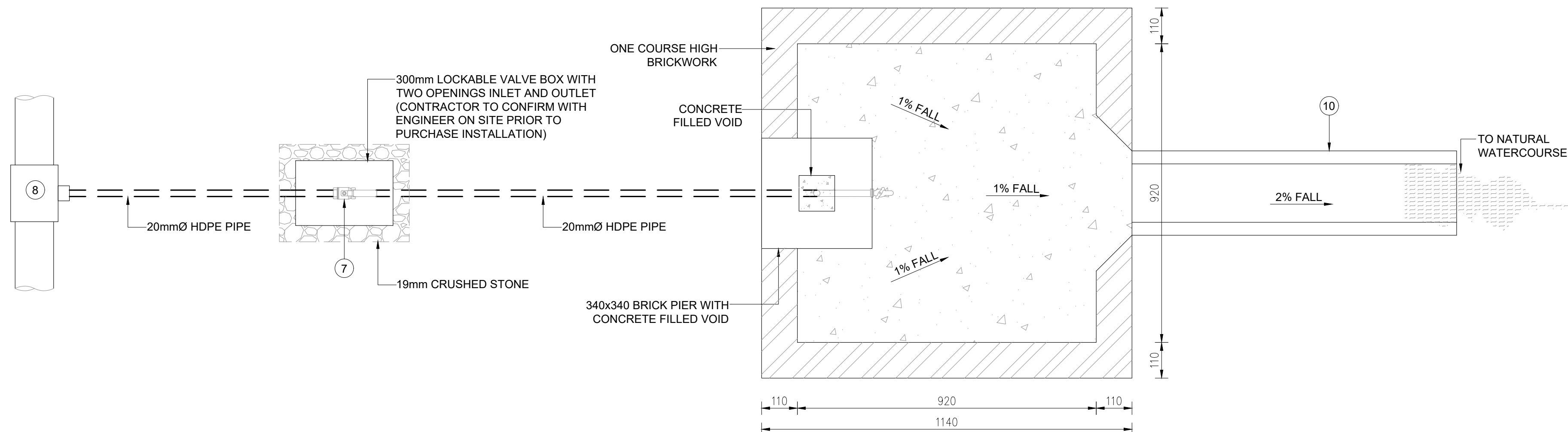
ITEM REF	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1	SABS 1200 A	SABS 1200 A - GENERAL				
		Contractual requirements	sum	1		
1.1	8.3	<u>FIXED-CHARGE AND VALUE RELATED ITEMS</u>				
	8.3.2.2	<u>Facilities for Contractor</u>				
1.1.1		d) Living accommodation	Sum	1		
1.1.2		f) Tools and equipment	Sum	1		
	PSA 8.4.6	<u>Compliance with the OHS Act (1993, as amended), the Construction Regulations (2014) and the Particular Safety Specification:</u>				
1.1.3	PSHSS 6.1.2; CR 5(1)(l)	i) Preparation of the Contractor's site specific Health and Safety Plan	Sum	1		
	GSR 2; PSHSS 7.7 PSHSS 7.7 PSHSS 7.7	iii) Provision of EPWP Branded SABS Personal Protective Equipment				
1.1.4		(a) Hard Hats	No	8		
1.1.5		(b) Reflective vests	No	8		
1.1.6		(c) Protective foot wear	No	8		
1.1.7		(d) Corded Earplugs	No	3		
1.1.8		(e) Dust masks FFP2	No	80		
1.1.9		(g) Gloves	No	16		
		(h) Goggles	No	8		
	CR 7(1)(g);	(i) overall	No	8		
1.1.27	PSHSS 7.2	(a) Initial (baseline) medical examinations	No	8		
		Other Fixed-charge Obligations	sum	1		
1.2	8.4	<u>TIME-RELATED ITEMS</u>				
		iv) OH&S Legal Compliance Training - SAQA UNIT STANDARD				
1.2.1	GSR 3(5); PSHSS 7.5	a) First Aid box	No	1		
	PSA 8.7	DAYWORK (See 8.1.2.1 (d))				
1.2.2		a) Labour	Prov Sum	1		
Total carried forward to summary						

ALFRED NZO DISTRICT MUNICIPALITYGreater Mbizana Water Supply: Contract 1 Ward 17

ITEM	PAYMENT	DESCRIPTION	UNIT	BILLED QTY	RATE	BILLED AMOUNT
1.	SABS 1200 L	SABS 1200 L - MEDIUM-PRESSURE PIPELINES				
1.1	PSL 8.2.16	Supply and install pipeline markers as per detail on drawing PRJ040-CT1-C307	No.	200		
1.3		Supply and install standpipe Type 1 complete as per detail on drawing No. PRJ040-CT1-C304	No	70		
1.4		Supply and install standpipe Type 2 complete as per detail on drawing No. PRJ040-CT1-C307	No			
TOTAL CARRIED TO SUMMARY						

DRAWINGS

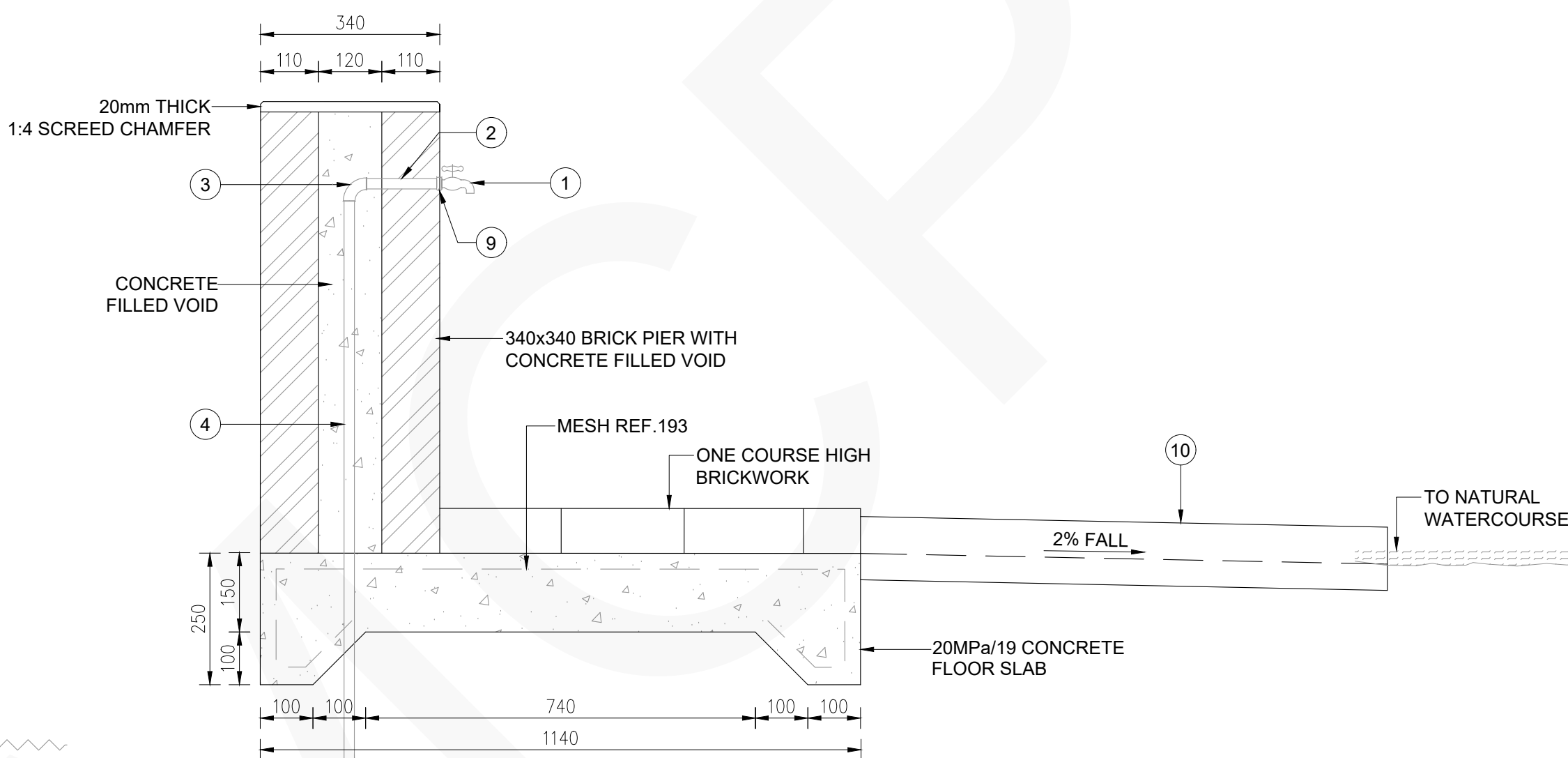
MCP



TYPICAL PLAN OF STANDPIPE

SCALE 1:10

ITEM No.	DESCRIPTION (TYPE 1 STANDPIPE)	
1.	20mmØ BRASS BIB TAP	1
2.	20mmØ GMS THREADED PIPE 400mm LONG M/F	1
3.	20mmØ GMS FEMALE ELBOW	2
4.	20mmØ GMS THREADED PIPE ON BOTH ENDS M/M 1140mm LONG	1
5.	20mm F/M THREADED FLOW CONTROL VALVE 10L/min RATED FLOW RATE OPERATIONAL PRESSURE RANGE 14KPa/min	1
6.	20mmØ x ¾" HDPE MALE ADAPTOR	3
7.	20mmØ FEMALE THREADED BRASS BALL VALVE WITH STAINLESS STEEL LEVER	1
8.	HDPE TEE PIECE (Dia to suit reticulation pipe)	1
9.	20mmØ GMS UNION	1
10.	SURFACE WATER CHANNEL, TYPE 1 FROM COBRO CONCRETE OR SIMILAR APPROVED	1
11.	90° ELBOW	1
12.	20mmØ MALE ADAPTOR	1



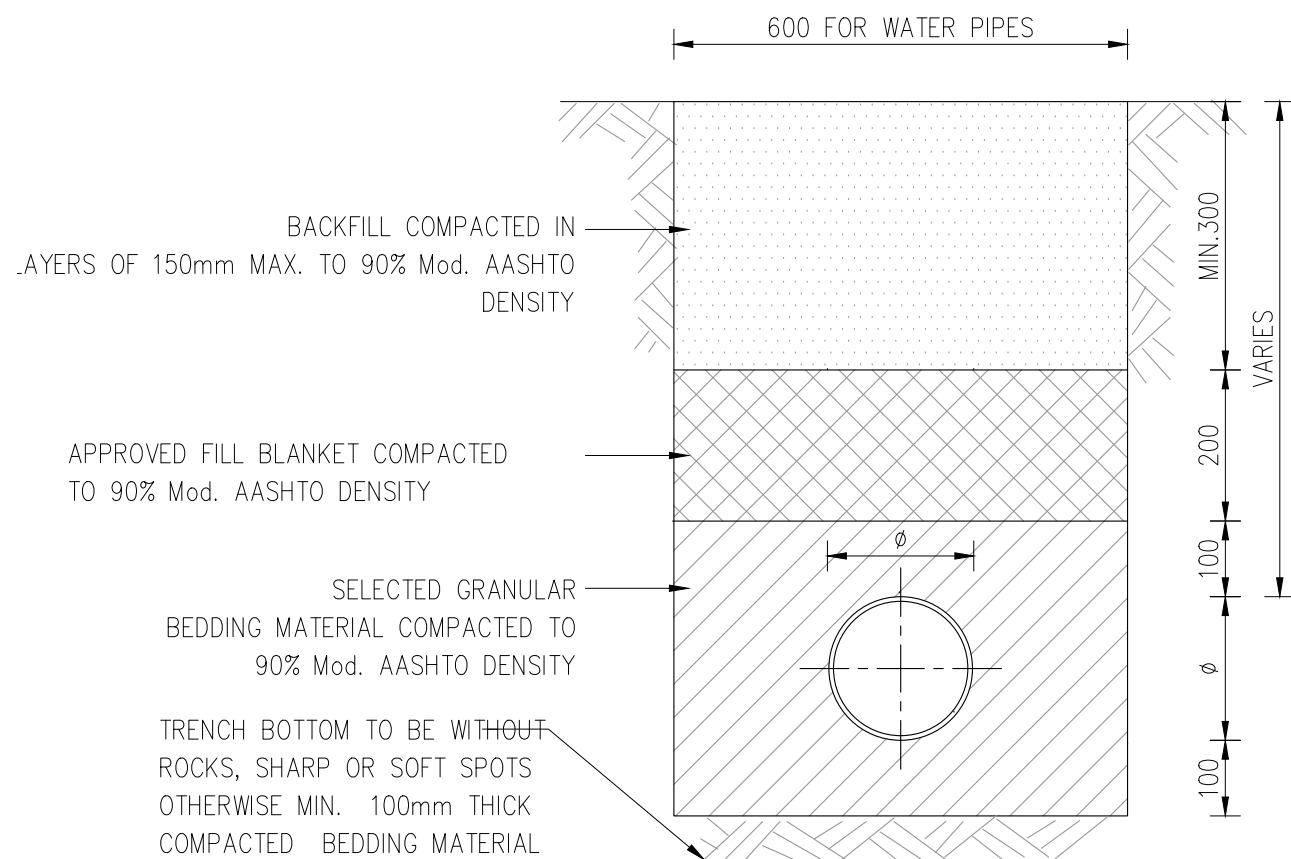
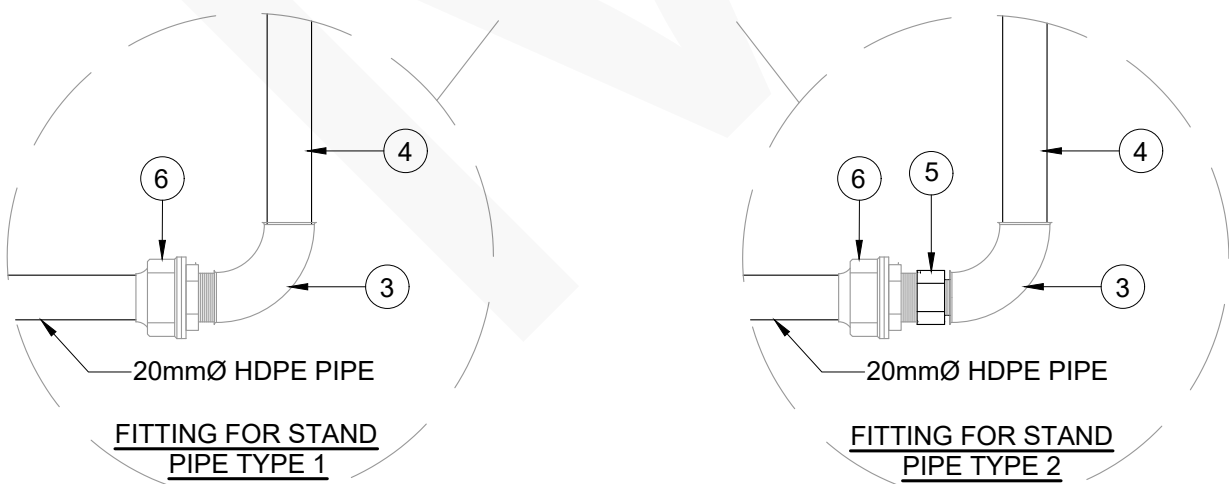
TYPICAL SECTIONAL ELEVATION OF STANDPIPE

SCALE 1:10

GENERAL NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- ALL PIPE FITTINGS TO BE CHECKED ON SITE, ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO MANUFACTURE.
- ALL PIPEWORK TO BE GMS UNLESS STATED OTHERWISE
- ALL FLANGES SHALL BE RATED AND DRILLED TO SABS 1123.
- ALL BOLTS TO BE HOT-DIPPED GALVANISED.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL, MECHANICAL DRAWINGS.
- ALL BURIED FITTINGS AND FLANGES TO BE WRAPPED IN DENSO MASTIC BLANKET WRAPPING.
- ALL CONCRETE IS TO BE GRADE 25/19 UNLESS STATED OTHERWISE
- NOTATIONS:

F&M DENOTES - FEMALE AND MALE
M&F DENOTES - MALE AND FEMALE
M&M DENOTES - MALE AND MALE



TYPICAL DETAIL :
BEDDING FOR FLEXIBLE PIPES.
SCALE 1:10

GENERAL NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- FOUNDATION EXCAVATIONS TO BE APPROVED BY ENGINEER.
- CONCRETE STRENGTHS @ 28 DAYS:
FOUNDATION : 15 MPa
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL, STRUCTURAL DRAWINGS.



25 Falcon Street
Southernwood
Mithatha
5099

Zinzame Consulting
Engineers (Pty) Ltd.

Reg No. 2013/054699/07

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Tel (047) 531 0269
Fax (047) 531 0269

CONSTRUCTION DRAWING

DATE :

SIGNED BY :
CONSULTING ENGINEER

0	11-02-25	FOR CONSTRUCTION	XM	MD
A	07-10-24	FOR TENDER	XM	MD
REV	DATE	DESCRIPTION	BY	CHK

DRG. NO. REFERENCE DRAWINGS

CLIENT LOGO



CLIENT NAME

ALFRED NZO
DISTRICT MUNICIPALITY

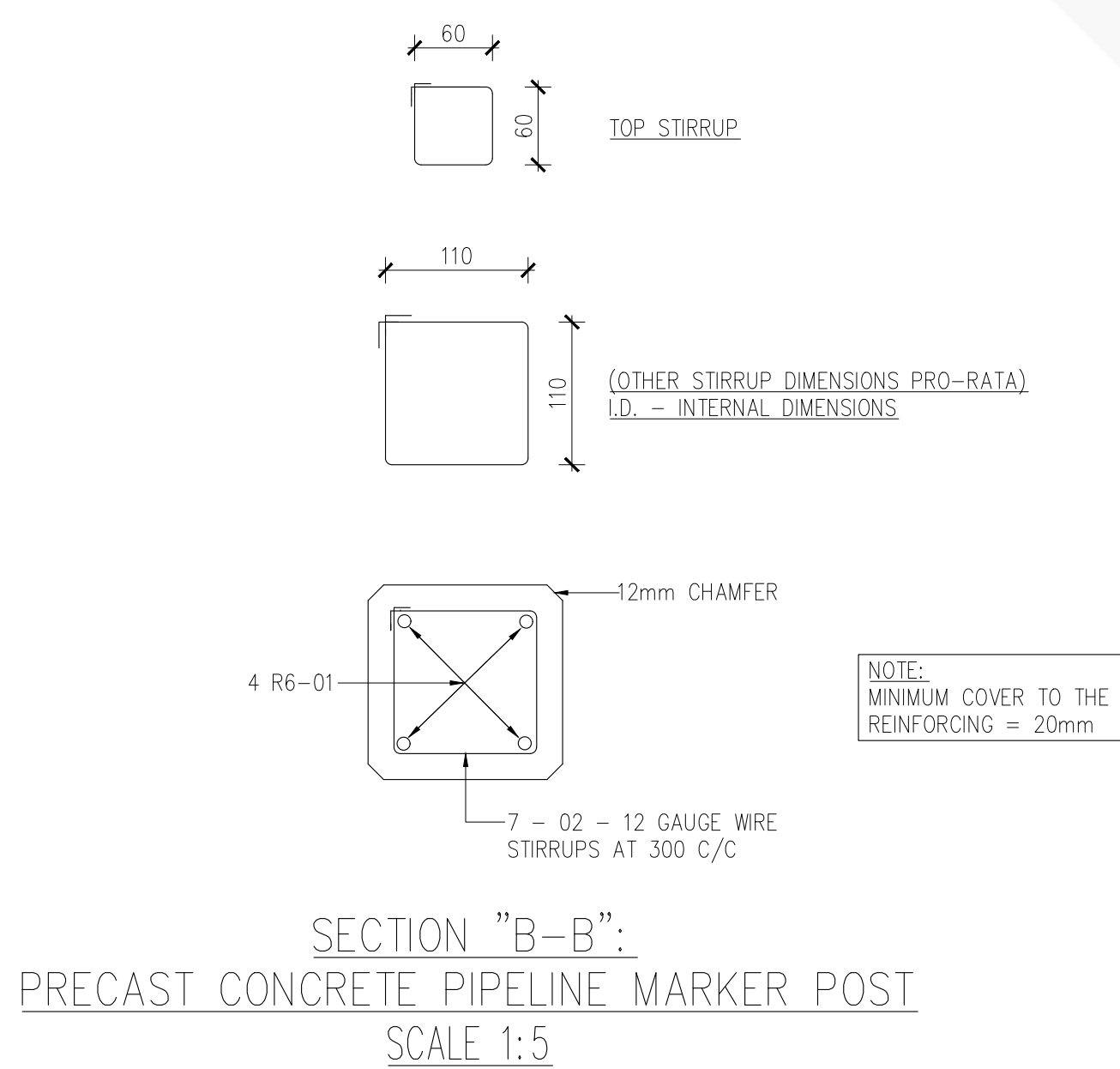
PROJECT TITLE

CONSTRUCTION OF :
GREATER MBIZANA WARD 17
WATER SUPPLY SCHEME -
CONTRACT 1

DRAWING TITLE

TYPICAL STAND PIPE
DETAIL

	RESPONSIBLE PERSON	DATE
DESIGNED	X. MASHABANE	11-02-2025
CHECKED	M. NDABANKULU	11-02-2025
DRAWN	S.GOVENDER	11-02-2025
CHECKED	V. MWAFUKA	11-02-2025
SCALES	AS SHOWN	SHEET SIZE
DRAWING NO.	PRJ 142A-C309-WARD 17	REVISION
		0



CONCRETE MIX : USING PC15SL AND 12mm CRUSHED STONE			
BATCHING	CEMENT PC15SL	CONCRETE SAND	CRUSHED STONE
SMALL BATCHES	1 PART	1 3/4 PARTS	1 3/4 PARTS
1 – POCKET BATCHES	1 POCKET	1 BARROW	1 BARROW i.e. SEE NOTE BELOW
TO BATCH 1m³?	10 POCKETS	0.65 m³	0.65 m³

* (i.e BUILDERS BARROWS FILLED LEVEL)

- GENERAL NOTES:**
1. ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
 2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
 3. FOUNDATION EXCAVATIONS TO BE APPROVED BY ENGINEER.
 4. CONCRETE STRENGTHS @ 28 DAYS:
FOUNDATION : 15 MPa
 5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL, STRUCTURAL DRAWINGS.



DATE :

SIGNED BY :
CONSULTING ENGINEER

0	11-02-25	FOR CONSTRUCTION	XM	MD	
A	07-10-24	FOR TENDER	XM	MD	
REV	DATE	DESCRIPTION	BY	CHK	

DRG. NO.	REFERENCE DRAWINGS



CLIENT NAME

ALFRED NZO
DISTRICT MUNICIPALITY

PROJECT TITLE

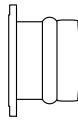
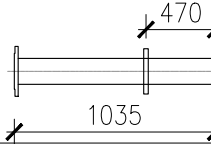
CONSTRUCTION OF :
GREATER MBIZANA WARD 17
WATER SUPPLY SCHEME -
CONTRACT 1

DRAWING TITLE

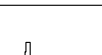
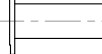
TYPICAL VALVE &
MARKER POST DETAILS
FOR BULK LINES

	RESPONSIBLE PERSON		DATE
DESIGNED	X. MASHABANE		11-02-2025
CHECKED	M. NDABANKULU		11-02-2025
DRAWN	S.GOVENDER		11-02-2025
CHECKED	V. MWAFUKA		11-02-2025
SCALES	AS SHOWN	SHEET SIZE	A1
DRAWING NO. PRJ 142A-C307-WARD 17			REVISION 0

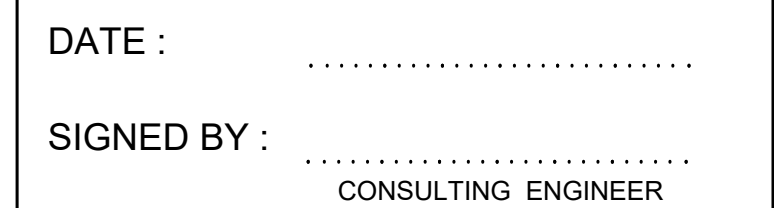


ITEM	NOMINAL DIAMETER	QTY	DESCRIPTION	SKETCH
①	D	2	CI FLANGE ADAPTOR	
②	D	2	GMS PIPE, F.B.E. ± 1035 mm LONG WITH PUDDLE FLANGE 470mm FROM ONE END.	
③	D	1	FLANGED AMRI BUTTERFLY VALVE, OR SIMILAR APPROVED, ± 60 mm WIDTH	
④	D	1	VJ FLANGE ADAPTOR, OR SIMILAR APPROVED	
⑤	D	1	GMS PIPE, 280mm LONG F.O.E.	

1. ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION, ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
3. ALL PIPE FITTINGS TO BE CHECKED ON SITE, ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO MANUFACTURE.
4. ALL PIPEWORK TO BE GMS UNLESS STATED OTHERWISE
5. ALL FLANGES SHALL BE RATED AND DRILLED TO SABS 1123.
6. ALL BOLTS TO BE HOT-DIPPED GALVANISED.
7. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL, MECHANICAL DRAWINGS.
8. ALL BURIED FITTINGS AND FLANGES TO BE WRAPPED IN DENSO MASTIC KANET WRAPPING.
9. ALL CONCRETE IS TO BE GRADE 25/19 UNLESS STATED OTHERWISE

ABRV.	DESCRIPTION	SKETCH
F.A.E.	FLANGED ONE END	
F.B.E.	FLANGED BOTH ENDS	
F.A.E.	FLANGED ALL ENDS.	

1. ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
3. FOUNDATION EXCAVATIONS TO BE APPROVED BY ENGINEER.
4. CONCRETE STRENGTHS @ 28 DAYS:
FOUNDATION : 15 MPa
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL, STRUCTURAL DRAWINGS.



0	11-02-25	FOR CONSTRUCTION	XM	MD	
A	07-10-24	FOR TENDER	XM	MD	
REV	DATE	DESCRIPTION	BY	CHK	

DRG. NO.	REFERENCE DRAWINGS
----------	--------------------



CLIENT NAME

ALFRED NZO
DISTRICT MUNICIPALITY

PROJECT TITLE

CONSTRUCTION OF :
GREATER MBIZANA WARD 17
WATER SUPPLY SCHEME -
CONTRACT 1

DRAWING TITLE

ISOLATION VALVE
CHAMBERS AND
PIPEWORK DETAILS FOR
PIPES BELOW 250 DIA.

	RESPONSIBLE PERSON	DATE
DESIGNED	X. MASHABANE	11-02-2025
CHECKED	M. NDABANKULU	11-02-2025
DRAWN	S.GOVENDER	11-02-2025
CHECKED	V. MWAFUKA	11-02-2025
SCALES	AS SHOWN	SHEET SIZE
DRAWING NO.		REVISION
PRJ 142A-C301-WARD 17		0

PART C3: SCOPE OF THE WORKS

All definitions, interpretations and general provisions for the General Conditions of Contract for Construction Work (2015) (3rd edition) are applicable.

C 3.1 DESCRIPTIONS OF WORKS

C3.1.1 Client's Objective

The Client's objective is to supply water to Mbizana Surrounding villages. The contractor shall use the reasonable resources. These resources include use of local labour and plant hire. The specification of the material should be specified by the Principal Contractor/Engineer.

It is a specific goal of this project that the labour component where possible be maximised where it is economically feasible, and that the use of this labour goes hand in hand with one on the job training of the labour force. The project is thus process and product orientated, and it is expected that the contractor will pursue these goals in the execution of the project.

C3.1.2 Overview of the Works

The Works entails the construction of **GREATER MBIZANA WATER SUPPLY: CONTRACT 1 WARD 17.**

This includes the construction of the following work activities:

- **Pipeline markers and standpipes**
- **Reticulation pipelines**