



BREEDE VALLEY

MUNICIPALITY • MUNISIPALITEIT • UMASIPALA

RTQ: 295074

Procurement Document

Closing Date and Time: 20 March 2019 @ 11h00am

| | |
|--|--|
| NAME OF TENDERER: | |
| Total RTQ Price (Inclusive of VAT): | |
| Delivery period: | |

Worcester
Supply Chain Management Unit; 23 Baring Street; Worcester; 6850
Tel: 023 348 2951; Fax: 086 445 0476

TENDER DETAILS

| | | | | | |
|------------------------|---|---|--------------------------|--------------|------------------------|
| TENDER NUMBER: | RTQ 295074 | | | | |
| TENDER TITLE: | APPOINTMENT FOR A CONTRACTOR FOR HORIZONTAL DRILLING IN HIGH STREET ROAD, WORCESTER | | | | |
| CLOSING DATE: | 20 MARCH 2019 | | CLOSING TIME: | 11:00 | |
| SITE MEETING: | DATE: | 13 MARCH 2019 | TIME: | 10:00 | COMPULSORY: YES |
| SITE MEETING ADDRESS: | 1 MARKET STREET, BERGSIG, WORCESTER (Search 1 Roux Rd on Google) Behind Fire Station - Electrical Department building | | | | |
| CIDB GRADING REQUIRED: | 1CE | LEVEL AND CATEGORY: | CIVIL ENGINEERING | | |
| BID BOX NO: | N/A | SITUATED AT: Breede Valley Municipal SCM Offices, 23 Baring Street, Worcester The bid box (outside the office – green tender box) is generally open 24 hours a day, 7 days a week. If the tender document exceeds the size of the deposit opening of 390mm x 85mm, the tender should be delivered during office hours. | | | |
| OFFER TO BE VALID FOR: | 90 | DAYS FROM THE CLOSING DATE OF BID. | | | |

TENDERER DETAILS (Please indicate postal address for all correspondence relevant to this specific tender)

| | | | | | |
|--|--|--|-----------------------|--|--|
| NAME OF TENDERER: | | | | | |
| NAME OF CONTACT PERSON: | | | | | |
| PHYSICAL ADDRESS: | | | POSTAL ADDRESS: | | |
| | | | | | |
| | | | | | |
| TELEPHONE NO: | | | FAX NO. | | |
| E-MAIL ADDRESS: | | | | | |
| CSD Registration no. | | | WCSD Registration no. | | |
| DATE: | | | | | |
| SIGNATURE OF TENDERER: | | | | | |
| CAPACITY UNDER WHICH THIS BID IS SIGNED: | | | | | |

PLEASE NOTE:

1. Tenders that are deposited in the incorrect box will not be considered.
2. Tender box deposit slot is 390 mm x 85 mm.
3. Mailed, telegraphic or faxed tenders will not be accepted.
4. If the bid is late, it will not be accepted for consideration.
5. Bids may only be submitted on the Bid Documentation provided by the Municipality.

| ENQUIRIES MAY BE DIRECTED TO: | CONTACT PERSON | TEL. NUMBER |
|---|------------------|---------------------|
| TECHNICAL ENQUIRIES | S HARTMAN | 023 348 8014 |
| ENQUIRIES REGARDING BID PROCEDURES & COMPLETION OF BID DOCUMENTS | | |

INVITATION TO QUOTE

Breede Valley Municipality invites quotations from suitably qualifying suppliers (service providers) for : rtq 295074

APPOINTMENT FOR A CONTRACTOR FOR HORIZONTAL DRILLING IN LOUIS LANGE ROAD, WORCESTER

Only suppliers who are willing and able to supply the items as listed in the schedule of quantities, within 3weeks from receiving an order, are eligible to participate in this quotation.

ELIGIBILITY CRITERIA

Eligibility criteria

Only those tenderers who satisfy the following **eligibility criteria** are eligible to submit tenders:

- a) **Attendance of compulsory clarification meeting.**
- b) **Proof of works completed similar size and nature**
- c) The tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation. (proof of registration must be attached to Schedule 2C)

Only those tenderers who are registered with the CIDB, or are capable of being so prior to

the evaluation of submissions, in a contractor grading designation equal to or higher than a

contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry

Construction methods must be such that no property or life is endangered. The Employer accepts no responsibility for work that is done not aligning construction safety as per regulation for regards to earth works or outside the site boundaries without the Employers agent approval.

Development Regulations, for a CE class of construction work, are eligible to have their tenders evaluated.

The contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **1 CE** class of construction work or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations.

A set of Quotation Documents can be obtained from the Breede Valley Municipality, Supply Chain Management Unit's Offices, Stofberg House, 23 Baring Street, Worcester.

Any enquiries regarding technical information shall be directed to Mr. S. Hartman at telephone number 023 348 8014

Completed offers, in properly sealed envelopes and clearly marked on the outside with the corresponding quotation number and description, must timeously submitted on or before the closing date and time in either one of the following ways

- (1) To be placed in the municipality's tender box situated at the Supply Chain Management Unit, Stofberg House, 23 Baring Street, Worcester, or
- (2) By fax at: 086 560 7956
- (3) By e-mail at: evaluations@bvm.gov.za

The closing date and time of this quotation is: 11h00 on 19.03.2019 If the quotation is submitted late, it shall not be accepted for consideration.

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF MUNICIPALITY/ MUNICIPAL ENTITY)

| | | | | | |
|-------------|---|---------------|------------|---------------|----------|
| BID NUMBER: | RTQ 295074 | CLOSING DATE: | 19.03.2019 | CLOSING TIME: | 11:00 AM |
| DESCRIPTION | APPOINTMENT FOR A CONTRACTOR FOR HORIZONTAL DRILLING IN LOUIS LANGE ROAD, WORCESTER | | | | |

THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)

Stofberg House, 23 Baring Street, Worcester

SUPPLIER INFORMATION

| | | | |
|---|---|-------------------------------------|---|
| NAME OF BIDDER | | | |
| POSTAL ADDRESS | | | |
| STREET ADDRESS | | | |
| TELEPHONE NUMBER | CODE | NUMBER | |
| CELLPHONE NUMBER | | | |
| FACSIMILE NUMBER | CODE | NUMBER | |
| E-MAIL ADDRESS | | | |
| VAT REGISTRATION NUMBER | | | |
| TAX COMPLIANCE STATUS | TCS PIN: | OR | CSD No: |
| B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX] | <input type="checkbox"/> Yes <input type="checkbox"/> No | B-BBEE STATUS LEVEL SWORN AFFIDAVIT | <input type="checkbox"/> Yes <input type="checkbox"/> 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]

| | |
|--|---|
| <p>(a) ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>[IF YES ENCLOSE PROOF]</p> | <p>(b) ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>[IF YES, ANSWER PART B:3]</p> |
|--|---|

| | | | | | |
|--|---|------------------|--|-----------------|---|
| (c) | TOTAL NUMBER OF ITEMS OFFERED | | (d) | TOTAL BID PRICE | R |
| (e) | SIGNATURE OF BIDDER | | (f) | DATE | |
| (g) | CAPACITY UNDER WHICH THIS BID IS SIGNED | | | | |
| BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO: | | | TECHNICAL INFORMATION MAY BE DIRECTED TO: | | |
| DEPARTMENT | SUPPLY CHAIN | CONTACT PERSON | MR. R.DE BEER | | |
| CONTACT PERSON | Ms. M.Mphatsoane | TELEPHONE NUMBER | 023 348 8000 | | |
| TELEPHONE NUMBER | 023 348 2953 | FACSIMILE NUMBER | | | |
| FACSIMILE NUMBER | 086 560 7956 | E-MAIL ADDRESS | | | |
| E-MAIL ADDRESS | | | | | |

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?
YES NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? YES
NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

REQUEST FOR WRITTEN QUOTATION

REF NR: 295074

FAXED TO NO.:

In terms of paragraph 16 and 17 of the Municipal Supply Chain Management Policy, you are hereby invited to quote for the goods and or services as contained in the attached request to quote form and, in addition to the general conditions of contract, as per the following special conditions:

CONDITIONS OF QUOTE:

1. This quotation consists of two parts, which are Part A (Returnable Schedules) and Part B (Contract Details and Pricing Schedule). All the schedules of Part A, as well as the pricing schedule, must be completed.
2. Quotes MUST be submitted before the closing date and time as indicated in the request to quote form attached;
3. Quotes MUST be completed and submitted on the attached request to quote form;
4. Quotes MUST be for the product or service as specified. If alternate product(s) is quoted for, it MUST be of the same quality and equivalent to the product specified. Full details of alternate products MUST be supplied. Non-compliance to this condition will invalidate your quote;
5. Delivery charges MUST be specified, where applicable. If not specified, it will be regarded as included in the quoted amount;
6. Amount(s) quoted MUST remain valid for at least thirty (30) days from the specified closing date;
7. Amount(s) quoted MUST be firm and must be inclusive of VAT. If the supplier is NOT registered for VAT, no VAT may be claimed;
8. Calculation errors will be corrected; tariffs will be regarded as correct where the bid is based on quantities. The corrected prices shall be used for the purposes of evaluating quotations.
9. A firm delivery period MUST be indicated, which shall be taken into consideration for the purposes of evaluating quotations
10. Quotes MUST be duly signed by an authorised person;
11. An original and valid Tax Clearance Certificate MUST be submitted and No quotation may be awarded to any person whose tax matters have not been declared by the South African Revenue Service to be in order.
12. A certificate stating that neither the enterprise or its Director(s) or Member(s) or Owners' municipal account(s) are in arrears for longer than three (3) months;
13. The municipality may accept the whole or a part of the bid (offer) where the bid request comprise of more than one item;
14. The municipality does not bind itself to accept the lowest or any bid;
15. Quotes received shall be evaluated on a comparative basis in terms of the 80/20 preference point system as prescribed in the Preferential Procurement Policy Framework Act, 2000 (Act no 5 of 2000); Amended by Government Gazette 20 January 2017 (no 40553)
16. The successful provider will be the provider scoring the highest points;
17. The acceptance of the quote and the subsequent issuing of an official order constitute a legal binding document and may not be cancelled;
18. Goods or Services may only be provided after and according to the issued official order;
19. Payment will only be made after the goods is delivered and or service is rendered, to the satisfaction of the Municipality, as per official order; and
20. Payment will only be made within thirty (30) days of receipt of monthly statement and the relevant VAT invoice containing the official order number and the municipalities' VAT number.

21. **All the parts of the quotation document must be completed and or submitted. Incomplete quotation documents shall lead to disqualification.**

Failure to comply with any of these conditions may invalidate your quote.

Yours sincerely

Head: Supply Chain Management

SKAKEL ASSEBLIEF AS ONDUIDELIK OF AS KORREKTE AANTAL BLADSYE NIE ONTVANG IS NIE
PLEASE PHONE IF THE CORRECT NUMBER OF PAGES HAVE NOT BEEN RECEIVED, OR IF IT IS
ILLEGIBLE

PART A: RETURNABLE SCHEDULES

Contents

Schedule 01: Authority for Signatory

Schedule 02: Declaration in terms of the MFMA¹

Schedule 03: Tax Clearance Certificate

Schedule 04: Preference Points

Schedule 05: Proof of Payment of Municipal Rates and Taxes

Schedule 06: Declaration Certificate for local production and content MBD 6.2

Schedule 07: Declaration of Bidders past Supply Chain Management Practices MBD 8

Schedule 08: MBD 9

¹ Municipal Finance Management Act, 2003 (Act No. 56 of 2003)

SCHEDULE 1
AUTHORITY FOR SIGNATORY

I, the undersigned, warrant that I am duly authorised to do complete this quotation on behalf of the enterprise.

Registered Name of Enterprise:

Trading Name of Enterprise:

ADDRESS: POSTAL: _____ STREET: _____

Postal Code: _____

TELEPHONE: CODE & NUMBER _____ FACSIMILE: CODE & NUMBER _____

CELL PHONE NUMBER _____ E-MAIL ADDRESS: _____

CORRESPONDENCE METHOD

PLEASE SELECT YOUR PREFERRED METHOD OF CORRESPONDENCE. ALL CORRESPONDENCE WILL BE SEND USING THE METHOD YOU SELECT BELOW.

EXPLANATION OF ABBREVIATIONS USED IN THE FOLLOWING TABLE

| Capacity | | |
|----------|---|--|
| FAX | F | |
| E-MAIL | E | |
| POSTAL | P | |

LANGUAGE PREFERENCE: _____

TAX REFERENCE NUMBER: _____ VAT REGISTRATION NUMBER (if any): _____

CIDB² REGISTRATION NUMBER (if any): _____

GRADING: _____

(Certified copy of registration document must be attached)

_____ ² Construction Industry Development Board.

REGISTRATION NUMBER: COMPANY / CLOSE CORPORATION / TRUST: _____ (delete if not applicable)

(Certified copy of registration document must be attached)

SIGNATURE OF THE **AUTHORISED PERSON** _____ DATE: _____

CAPACITY UNDER WHICH THIS QUOTATION IS

SIGNED _____

PRINT NAME: _____

IDENTITY NUMBER: _____

ADDRESS:

Physical: _____ Postal: _____

_____ Code: _____

E-MAIL ADDRESS:

CONTACT NUMBER: TEL. No. _____ CELL No. _____ FAX

No. _____

SCHEDULE 2

DECLARATION IN TERMS OF CLAUSE 112(1) OF THE MUNICIPAL FINANCE MANAGEMENT ACT,

NO. 56 OF 2003. (Section 3)

The Bidder shall duly complete undermentioned. An authorized person shall duly undersign in this regard. **Failure to duly complete this statement shall subject the quote to rejection.**

**CERTIFICATE in terms of SECTION 112(1) of the MUNICIPAL FINANCE MANAGEMENT ACT 2003 (Act No. 56 of 2003)
and
in terms of CLAUSES 44 and 45 of the MUNICIPAL SUPPLY CHAIN MANAGEMENT POLICY**

I, the undersigned, warrants that I am duly authorised to act on behalf of the enterprise mentioned below and do hereby certify that, to the best of my personal knowledge, neither the enterprise nor any of its owners, directors, members or partners has—

- i) failed to pay any municipal rates and taxes or municipal service charges;
- ii) been in arrears with any municipal accounts with any municipality or municipal entity in the Republic of South Africa, for a period longer than 3 (three) months;
- iii) been convicted of fraud or corruption during the past 5 (five) years;
- iv) abused the supply chain management system of the Municipality or has committed any improper conduct in relation to this system;
- v) failed, during the past 5 (five) years, to perform satisfactory on a previous contract with the Municipality or any other organ of state after written notice was given to the enterprise that performance was unsatisfactory;
- vi) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past 5 (five) years;
- vii) been listed with the Register of Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act 2004 (Act no. 12 of 2004);
- viii) been listed on National Treasury's database as a person or enterprise prohibited from doing business with the public sector;
- ix) any tax matters that is not cleared by the South African Revenue Services;
- x) been in the service of the state for the past 12 (twelve) months or is in the service of the state; or
- xi) been or is an advisor or consultant contracted with the Municipality.

Further to the above I, the undersigned, herewith disclose the particulars of any kinship (parent, brother, sister or child) with a person that is in the service of the state (see footnote³), or has been in the service of the state in the previous twelve months of any of its owners, directors, members or partners:

Full Name of that person:

Kinship/Relationship

Identity Number of that person(s):

Particulars of Employer:

Capacity in which that person is in the service of the state:

³ MSCM Regulations: "in the service of the state" means to be –

- (a) a member of any municipal council; any provincial legislature; or 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.

I acknowledge that any misrepresentation in respect of this certificate may be regarded as a reason to cancel the listing or bid as accredited prospective provider and any contract arising out of this information supplied.

Duly authorised to sign on behalf of _____
(insert name of enterprise⁴)

Print name in full: _____ Signature: _____

Identity number: _____

SCHEDULE 03: VALID AND ORIGINAL TAX CLEARANCE CERTIFICATE—

Where the bidder has got a reason to believe that he or she has updated his or her database affairs with the municipality or Centralised Supplier Database, the bidder may choose not to attach the updated Tax Clearance Certificate. Otherwise, bidders must attach to this quotation, a **valid** and **original** tax clearance certificate.

SCHEDULE 04: PREFERENCE POINTS

Please attach certified BEE certificate to quotes above R30,000

| 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 contributor | 0 |

⁴ Where the enterprise is a joint venture, each party to the joint venture must sign a declaration in terms of the Municipal Finance Management Act.

SCHEDULE 05: PROOF OF PAYMENT OF MUNICIPAL RATES AND TAXES—

The Bidder must attach to this application a certificate from his / her municipality indicating that all rates and taxes are fully paid or not in arrears for more than three (3) months. Please note that the Municipality reserves it's right to have the account checked before any business is awarded. (Copy of latest Municipal Account(s) or Affidavit confirming of residential address or renting of business premises or Rental Agreement.)

SCHEDULE 06

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT - MBD 6.2

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

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017 and the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:201x.

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8 (1) and 8(2) make provision for the promotion of local production and content.
- 1.2. Regulation 8(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Regulation 8(2) prescribes that where there is no designated sector, a specific bidding condition may be included, that only locally produced services, works or goods or locally manufactured goods with a stipulated minimum threshold for local production and content, will be considered.
- 1.4. Where necessary, for bids referred to in paragraphs 1.2 and 1.3 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.5. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.6. The local content (LC) as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 201x as follows:

$$LC = 1 - \left(\frac{x}{y} \right) \times 100$$

Where

x imported content

y bid price excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on the date, one week (7 calendar days) prior to the closing date of the bid as required in paragraph 4.1 below.

1.7. A bid will be disqualified if:

- the bidder fails to achieve the stipulated minimum threshold for local production and content indicated in paragraph 3 below; and
- this declaration certificate is not submitted as part of the bid documentation.

2. Definitions

2.1. **“bid”** includes advertised competitive bids, written price quotations or proposals;

2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);

2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;

2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;

2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).

2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;

2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;

2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and

2.9. **“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.

3. **The stipulated minimum threshold(s) for local production and content for this bid is/are as follows:**

Description of services, works or goods

Stipulated minimum threshold

_____ %
_____ %
_____ %

4. Does any portion of the services, works or goods offered have any imported content?

YES / NO

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.6 of the general conditions must be the rate(s) published by the SARB for the specific currency at 12:00 on the date, one week (7 calendar days) prior to the closing date of the bid.

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

Indicate the rate(s) of exchange against the appropriate currency in the table below:

| Currency | Rates of exchange |
|----------------|-------------------|
| US Dollar | |
| Pound Sterling | |
| Euro | |
| Yen | |
| Other | |

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

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

IN RESPECT OF BID No.

ISSUED BY: (Procurement Authority / Name of Municipality / Municipal Entity):
.....

NB The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

I, the undersigned, (full names),

do hereby declare, in my capacity as

of(name of bidder entity), the following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286.

(c) The local content has been calculated using the formula given in clause 3 of SATS 1286, the rates of exchange indicated in paragraph 4.1 above and the following figures:

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

If the bid is for more than one product, a schedule of the local content by product shall be attached.

(d) I accept that the Procurement Authority / Municipality /Municipal Entity has the right to request that the local content be verified in terms of the requirements of SATS 1286.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286, may result in the Procurement Authority / Municipal / Municipal Entity imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Policy Framework Act (PPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____20.....

WITNESS No. 1 _____

DATE: _____20.....

WITNESS No. 2 _____

DATE: _____20.....

SCHEDULE 07: DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES – MBD 8

- 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 Schedule 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 <input type="checkbox"/> | No <input type="checkbox"/> |
| 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 Schedule 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <i>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.</i> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 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 <input type="checkbox"/> | No <input type="checkbox"/> |
| 4.3.1 | If so, furnish particulars: | | |

| | | | |
|-------|---|---------------------------------|--------------------------------|
| 4.4 | 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 <input type="checkbox"/> | No <input type="checkbox"/> |
| 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 <input type="checkbox"/> | No <input type="checkbox"/> |
| 4.7.1 | If so, furnish particulars: | | |

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS

DECLARATION FORM TRUE AND CORRECT.

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

.....

Signature

Date

.....

Position Name of Bidder

SCHEDULE 08: MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium² will not be construed as collusive bidding.

7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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.

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



BREED VALLEY
MUNICIPALITY • MUNISIPALITEIT • UMASIPALA

PART B – SPECIFICATIONS AND PRICING SCHEDULE

SPECIFICATION FOR HOZONTAL DRILLING

TERMS OF REFERENCE

SCOPE

Bidders are required to quote for the following:

Horizontal directional drilling 110mm diameter as specified by Breede Valley Municipality (BVM)

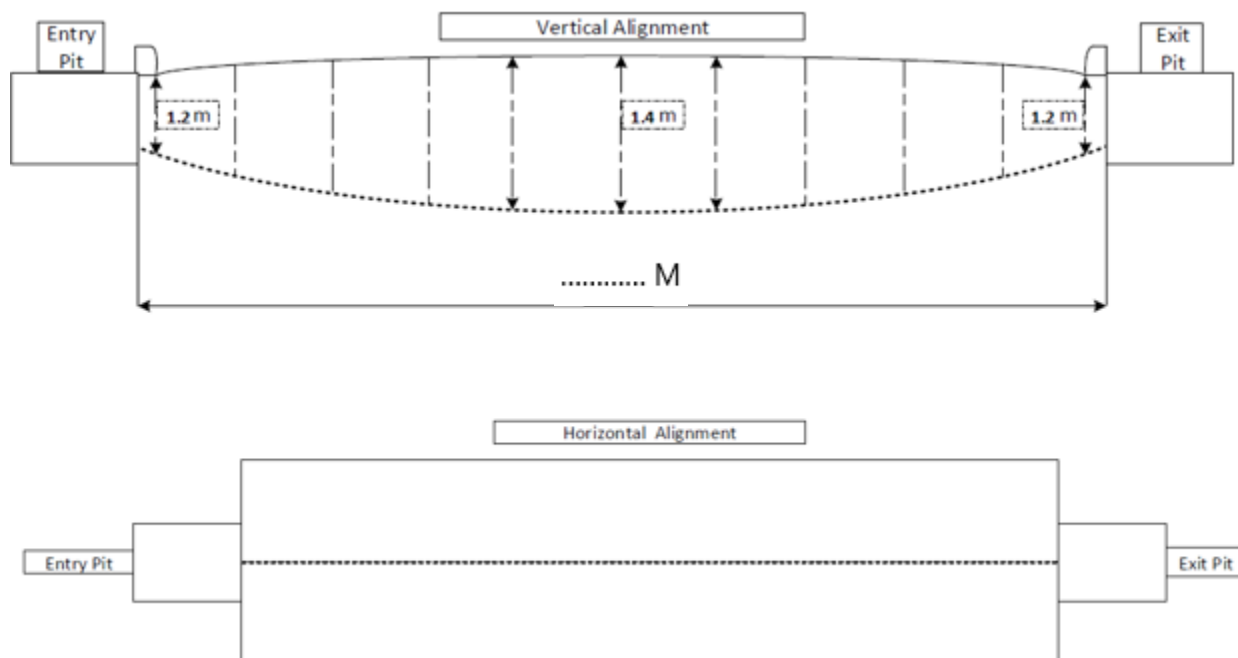
To supply and install 110mm diameter class HDPE PN10 sleeves

It shall be noted that the contractor is only allowed to do Horizontal Directional Drilling

Note: Preference will be given to Breede Valley based companies and bidders and note that this bid may be awarded to more than one company.

It is envisaged that the work will be undertaken over the entire Breede Valley Municipality (BVM) on an as and when basis. Bidders are thus required to quote for the work on a rate basis to allow some flexibility in the execution of the work and to facilitate payment for work completed. **Bidders can bid for all areas or for a particular area. The areas of the Worcester, De Doorns and Touws river.**

The Contractor shall use the method of trenchless technology construction - **horizontal drilling** for new road and rail crossing where applicable. The size of the pipe sleeve in the case of horizontal drilling-method shall be of the same class or type as the HDPE pipe. Note that the actual cable shall fit loosely inside the sleeve pipe and the sleeve size will be specified by the department representative.



1. Construction Program

Work will be assigned during the period of the Contract by the Employer as required. The Contractor shall submit a detailed construction program to the Engineer for the approval seven (7) days after the receipt of written notification of the assignment of any works. **Work program must be approved by the Engineer before can commence. In emergency situations deviations to this will be allowed only with written consent of the engineer.**

Experience

The Tenderer shall submit its own complete "Schedule of Work Successfully Carried Out" contained in "Annexure A" to allow the Employer to adequately assess the tenderers experience in the field on construction required by the Contract. The Curriculum Vitae of the proposed Site Agent shall also be submitted upon the request of the Engineer.

Standard Specifications

Although not bound or issued with this document, the following standardized specifications shall form part of these contract documents and, notwithstanding the provision of Sub-clause 2.2 of SABS 1200 AA, the editions specified below shall apply:

SABS 1200 AA: General (small works)
SABS 1200 DB: Earthworks (Pipe Trenches)
SABS 1200 L: Low pressure pipelines
SABS 1200: Medium pressure pipelines
SABS 1200 LB: Bedding (Pipes)
SABS 1200 LD: Sewers
SABS 1200 LF: Erf Connections (Water)
SABS 1200 M: Road surfacing and Paving

Inspections.

The Contractor shall notify the Engineer forty-eight (48) hours in advance, before any backfill around newly installed cable can commence.

Safety

All excavations must be adequately protected by means of orange barricade netting and hazard lights or similar approved.

Interruption of services

The maximum time permitted for consumers to be without water and sewerage service is six hours. The use of a bypass or temporary connection shall be permitted during this period. Notice must be given to the affected residents 48 hours (two working days) prior to shut down.

The contractor shall allow in his rates for the provision of a 24 hour standby service for the maintenance and repair of any section of work covered by the Contract. He shall provide the Engineer with an effective means of contacting the standby staff on a 24 hour basis. All repairs necessary to maintain services to residents shall be carried out without delay.

Disposal of soft excavation material

Replace sub-clause 5.6.3 with the following:

Excavated material that has become surplus due to bulking, displacement, and importation, shall be disposed of at sites to be arranged for by the contractor and approved by the Engineer. Prices for excavation and backfilling must not include for the disposal of all unsuitable excavated material and importation of the required volumes of clean sand and gravel.

These items are measured separately.

Supervision on Sites/Work areas

All work to be carried out in this contract shall be supervised throughout the duration of the project and the contract by a qualified senior representative of the Contractor who has extensive experience in the type of work to be executed and able to communicate with the public and officials from the municipality. The representative must be authorized to make all necessary decisions on behalf of the Contractor. Compliance to the Construction Regulation 2014 must be adhered to at all times.

Location of existing services

The Contractor shall be required to locate (all by hand excavation) all above and underground services prior to the commencement of any work. The contractor shall also apply to the relevant authorities for permission /way leaves to work around existing services. This shall be done timorously to ensure that the start of any work is not unnecessarily delayed.

Any services previously indicated to the Contractor which are damaged shall be repaired at the Contractor's own cost. This includes damages to the road surfaces.

Site facilities

Location of camp

The Contractor will be responsible to arrange and at his/her own cost a site camp to store his material and equipment. The Contractor will make his/her own arrangement for accommodation of his/her workforce. The Contractor must make his own arrangements in this regard.

Power supply

The Contractor must make his own arrangements in this regard.

Sanitary Facilities

The Contractor must make his own arrangements in this regard. No pit latrines or using the open veld will be allowed.

Telephone facilities

The Contractor must make his own arrangements in this regard.

Accommodation of Workforce

The Contractor must make own arrangements regarding accommodation. No worker will be allowed to any work site for this purpose.

Accommodation of Traffic

All necessary traffic accommodation (including the provision of relevant traffic signs and the maintenance thereof on any work site) will be the responsibility of the Contractor. Where necessary, the Contractor will liaise with the relevant traffic authority to ensure that operations cause the least possible inconvenience to traffic on the road. Only orange safety netting will be allowed around any excavated area, trench and/or any area demarcated for construction work.

Rotating light(s) must be provided and maintained on work sites inside any road reserve.

The use of danger tape around any construction trench will not be accepted/ tolerated.

The Contractor shall not be relieved in any manner or degree of his responsibility and obligation to ensure the safety of traffic.

Subcontractors

All matters pertaining to subcontractors (including Nominated Subcontractors) and the work executed by them shall be dealt with directly between the Engineer and the Contractor in the context of all subcontract work being an integral part of the Works for which the Contractor is responsible.

The Engineer will not liaise directly with any subcontractors nor will he issue instructions concerning the subcontract works directly to any subcontractor.

All matters arising from the subcontract agreements shall be dealt with directly between the Contractor and the subcontractors and the Engineer will not become involved. Compliance to the Construction Regulations 2014 must be adhered to at all times by any subcontractors.

Opening up and closing down of designated borrow pits

Measurement and payment for opening up and closing down designated borrow pits, including removing and stockpiling overburden and restoring the Site, shall be made under item 8.3.4 of SABS 1200 D. This item applies to all borrow material required under this Contract.

The requirements of sub clause 5.2.2.2 of SABS 1200 D regarding the opening up, maintenance and closing down of borrow pits shall be adhered to.

Access to properties and existing services

The Contractor shall organise the work to cause the least possible inconvenience to the public and to the property owners adjacent to or affected by the work, and except as hereunder provided, shall at all times provide and allow pedestrian and vehicular access to properties within or adjoining or affected by the area in which he is working.

Access to existing water and sewer services must be provided at all time.

Where the water or sewer service to a property is disrupted / hindered for a time period, then the Contractor shall be responsible to notify the consumer of the delay and also when the service shall be re-instated. If, as a result of restricted road reserve widths and the nature of the work, the construction of bypasses is not feasible, construction shall be carried out under traffic conditions to provide access to erven and properties.

Notwithstanding the a foregoing, the Contractor may, with the prior approval of the Engineer (which approval shall not be unreasonably withheld), make arrangements with and obtain the acceptance of the occupiers of erven and properties to close off part of a street, road, footpath or entrance temporarily, provided that the Contractor duly notifies the occupiers of the intended closure and its probable duration, and reopens the route as punctually as possible. Where possible, such streets, roads, footpaths and entrances shall be made safe and reopened to traffic overnight. Such closure shall not absolve the Contractor from his obligations under the Contract to provide access at all times. Barricades, traffic signs, drums and other safety measures appropriate to the circumstances shall be provided by the

Contractor to suit the specific conditions.

The contractor shall not be allowed to open or close any water works valve on the existing municipal services. All costs for the disruption cause by this inconvenience will be for the Contractor account.

Existing residential areas

Electricity, sewerage and/or water supply interruptions in existing residential areas shall be kept to a minimum. The Engineer's approval shall be obtained prior to such interruptions and residents shall be notified in writing at least 48 hours (two working days) but not more than 72 hours in advance. Supplies shall be normalised by 16:00 on the same day. The notices to the consumers/public must be approved by the Engineer.

Employment of local labour

It is the intention that this Contract should make 100% use of the unskilled local labour force for all non-specialised activities. To this end the Contractor shall limit the utilisation on the Contract of non-local employees to that of key personnel and specialised activities only and to employ and train local labour to the extent necessary for the execution and completion of this Contract.

The Contractor shall fill in the form entitled Key Personnel in the Forms to be completed by the Tenderer. The data stated on the above-mentioned form will be strictly monitored during the Contract period and any deviations there from shall be subject to the prior approval of the Engineer, which approval shall not be unreasonably withheld.

Statements and payment certificates

The statement to be submitted by the Contractor in terms of Clause 49 of the Conditions of Contract shall be prepared by the Contractor at his own cost, strictly in accordance with the standard payment certificate prescribed by the Engineer, in digital electronic computer format. The Contractor shall, together with a copy of the digital electronic computer file of the statement, submit two (2) A4 size paper copies of the statement.

For the purposes of the Engineer's payment certificate, the Contractor shall subsequently be responsible, at his own cost, for making such adjustments to his statement as may be required by the Engineer for the purposes of accurately reflecting the actual quantities and amounts which the Engineer deems to be due and payable to the Contractor in the payment certificate.

The Contractor shall, at his own cost, make the said adjustments to the statement and return it to the Engineer within three (3) normal workings days from the date on which the Engineer communicated to the Contractor the adjustments required. The Contractor shall submit to the Engineer five (5) sets of A4 size paper copies of such adjusted statement, together with a copy of the electronic digital computer file thereof.

Any delay by the Contractor in making the said adjustments and submitting to the Engineer the requisite copies of the adjusted statement for the purposes of the Engineer's payment certificate will be added to the times allowed to the Engineer in terms of Sub-clause 49.4 of the Conditions of Contract to submit the signed payment certificate to the Employer and the Contractor. Any such delay will also be added to the period in which the Employer is required to make payment to the Contractor.

Construction in restricted areas

Working space is sometimes restricted. The construction method used in these restricted areas largely depends on the Contractor's Plant. Notwithstanding, measurement and payment will be strictly according to the specified cross-sections and dimensions irrespective of the method used, and the rates and prices tendered will be deemed to include full compensation for any difficulties encountered by the Contractor while working in restricted areas. No extra payment or any claim for payment due to these difficulties will be considered.

Notices, signs, barricades and advertisements

All notices, signs and barricades, as well as advertisements, may be used only if approved by the Engineer. The Contractor shall be responsible for their supply, erection, maintenance and ultimate removal and shall make provision for this in his tendered rates. The Engineer shall have the right to instruct the Contractor to move any sign, notice or advertisement to another position, or to remove it from the Site of the Works if in his opinion it is unsatisfactory, inconvenient or dangerous.

Workmanship and quality control

The onus to produce work that conforms in quality and accuracy of detail to the requirements of the Specifications and Drawings rests with the Contractor, and the Contractor shall, at his own expense, institute a quality control system and provide suitably qualified and experienced engineers, foremen, surveyors, materials technicians, other technicians and technical staff, together with all transport, instruments and equipment to ensure adequate supervision and positive control of the Works at all times.

The cost of supervision and process control, including testing carried out by the Contractor, will be deemed to be included in the rates tendered for the related items of work.

The Contractor's attention is drawn to the provisions of the various Standardized Specifications regarding the minimum frequency of testing required. The Contractor shall, at his own discretion, increase this frequency where necessary to ensure adequate control.

On completion and submission of every part of the work to the Engineer for examination and measurement, the Contractor shall furnish the Engineer with the results of the relevant tests,

measurements and levels to demonstrate the achievement of compliance with the Specifications.

PLANT AND MATERIALS

Plant and materials supplied by the contractor

The Employer shall not supply any plant or materials for the work execute on any site.

Materials, samples and shop drawings

(a) Samples

Materials or work which does not conform to the approved samples submitted in terms of Sub clause 23.4 of the Conditions of Contract will be rejected. The Engineer reserves the right to submit samples to tests to ensure that the material represented by the sample meets the specification requirements.

The costs of any such tests conducted by or on behalf of the Engineer, the results of which indicate that the samples provided by the Contractor do not conform to the requirements of the Contract, shall, in accordance with the provisions of Sub clause 23.7 of the Conditions of Contract, be for the Contractor's account.

EXISTING SERVICES

Before the Contractor commences operations, he must discuss with and have the approval of the Employer, authority or owner concerned regarding the method he proposes to use for relocating of safe-guarding any services and existing works he may encounter during construction.

The positions of existing services shown on the Drawings are given in good faith and no guarantee can be given that: these services actually are in the approximate positions indicated.

that these are the only services in the vicinity, and that the nature and description of these services are correct.

The Contractor shall be responsible to locate and safeguard any existing services or works he may encounter during construction and shall obtain clearance from the Employer, authority and the Engineer before commencing work in the proximity of existing services or works.

The Contractor shall be responsible for any damage to such existing services and works in the execution of the contract and shall reimburse the Employer, authority or the owner concerned of any repairs required and for damages.

The Contractor shall be responsible for immediately notifying the Engineer and the authorities concerned regarding any damages caused to public services and existing works.

Any alteration to public services shall be carried out by the Authority concerned unless the Contractor is instructed otherwise.

The Contractor shall provide the necessary assistance during any operations necessary in connection with the removal, alteration of safe-guarding of any public services.

No service will be located by means of mechanical excavation and without a wayleave and services indicated the applicable service providers (TELKOM, Electrical Department/ESKOM, water services, sewerage services, roads department and private telecom providers (Dark Fibre Africa, etc.) Compliance to the Construction Regulations 2014 must be adhered too at all times

C3.2.4 VARIATIONS AND ADDITIONS TO SABS 1200 STANDARDIZED SPECIFICATIONS AND PARTICULAR SPECIFICATIONS

SABS 1200 A: General

SABS 1200 C: Site clearance

SABS 1200 D : Earthworks (1988)

SABS 1200 DB : Earthworks (pipe trenches) (1989)

SABS 1200 DK : Gabions and pitching (1996)

SABS 1200 : Medium-pressure pipelines

SABS 1200 LB: Bedding (pipes)

SABS 1200 LC: Cable ducts

The following variations and additions to the SABS 1200 Standardized Specifications referred to above apply to this Contract. The prefix PS indicates an amendment to SABS 1200. The letters and numbers following these prefixes respectively indicate the relevant Standardized Specification and clause numbers in SABS 1200 to which the variation or addition thereto applies.

NOISE

The Contractor shall limit noise levels (e.g. install and maintain silencers on machinery). The provisions of SABS 1200A Sub-clause 4.1 regarding "built-up areas" shall apply to all areas within audible distance of residents whether in urban, peri-urban or rural areas.

Appropriate directional and intensity settings are to be maintained on all hooters and sirens.

No amplified music shall be allowed on Site. The use of radios, tape recorders, compact disc players, television sets etc. shall not be permitted unless the volume is kept sufficiently low as to avoid any intrusion on members of the public within range. The Contractor shall not use sound amplification equipment on Site unless in emergency situations.

Construction activities generating output levels of 85 dB(A) or more, in residential areas, shall be confined to the hours 08h00 to 16h00 Mondays to Fridays.

No work on Sundays will be allowed.

CONSTRUCTION METHOD STATEMENTS

Any Method Statement required by the Engineer shall be produced within such reasonable time as the Engineer shall specify. The Contractor shall not commence the activity until the Method Statement has been approved and shall, except in the case of emergency activities, allow a period of two weeks for approval of the Method Statement by the Engineer. Such approval shall not unreasonably be withheld.

The Engineer may require changes to a Method Statement if the proposal does not comply with the specification or if, in the reasonable opinion of the Engineer, the proposal may result in, or carries a greater than reasonable risk of, damage to the environment in excess of that permitted by the Specifications.

Approved Method Statements shall be readily available on the site and shall be communicated to all relevant personnel. The Contractor shall carry out the Works in accordance with the approved Method Statement. Approval of the Method Statement shall not absolve the Contractor from any of his obligations or responsibilities in terms of the Contract.

SITE DIVISION

The Contractor shall restrict all his activities, materials, equipment and personnel to within the area specified. A Method Statement detailing the layout and method of establishment of the construction camp [including all buildings, hostels, offices, lay down yards, vehicle wash areas, fuel storage areas, batching areas and other infrastructure required for the running of the project shall be for the contractors account.

DEMACATION

As required by the Project Specification, the Contractor shall erect and maintain permanent and/ or temporary fences of the type and in the locations directed by the Engineer. Such fences shall, if so specified, be erected before undertaking designated activities.

"NO GO" AREAS

If so required by the Project Specification, certain areas shall be "no go" areas. The Contractor shall ensure that, insofar as he has the authority, no person, machinery, equipment or material enters the

"no go" areas at any time.

ACCESS ROUTES/ HAUL ROADS

On the Site, and, if so required by the Project Specification, within such distance of the Site as may be stated, the Contractor shall control the movement of all vehicles and plant including that of his suppliers so that they remain on designated routes, are distributed so as not to cause an undue concentration of traffic and that all relevant laws are complied with. In addition such vehicles and plant shall be so routed and operated as to minimise disruption to regular users of the routes not on the Site. On gravel or earth roads on Site and within 500m of the Site, the vehicles of the Contractor and his suppliers shall not exceed a speed of 45 km/hr.

CONSTRUCTION PERSONNEL INFORMATION POSTERS

If so required by the Project Specification, the Contractor shall erect and maintain information posters for the information of his employees depicting actions to be taken to ensure compliance with aspects of the Specifications. Such posters speed of 45 km/hr. Such posters shall be erected at locations specified by the Engineer.

FIRE CONTROL

No fires may be lit on site. Any fires that occur shall be reported to the Engineer immediately.

Smoking shall not be permitted in those areas where it is a fire hazard which areas shall include the workshop and fuel storage areas and any areas where the vegetation or other material is such as to make liable the rapid spread of an initial flame.

The Contractor shall appoint a Fire Officer who shall be responsible for ensuring immediate and appropriate actions in the event of a fire and shall ensure that employees are aware of the procedure to be followed.

The Contractor shall ensure that there is basic fire-fighting equipment available on Site at all times. This shall include at least rubber beaters when working in urban open spaces and fynbos areas, and at least one fire extinguisher of the appropriate type when welding activities are undertaken.

EMERGENCY PROCEDURES shall be placed at locations specified by the Engineer. Within 500m of the Site the Contractor shall not permit his employees to make use of any natural water sources (e.g. springs, streams, open water bodies) for the purposes of swimming, personal washing and the washing of machinery or clothes.

PROTECTION OF FLORA AND FAUNA

Except to the extent necessary for the carrying out of the Works, flora shall not be removed, damaged or disturbed nor shall any vegetation be planted. Trapping, poisoning and/ or shooting of animals is strictly forbidden. No domestic pets or livestock are permitted on site.

Where the use of herbicides, pesticides and other poisonous substances has been specified, the Contractor shall submit a Method Statement.

EROSION AND SEDIMENTATION CONTROL

The Contractor shall take all reasonable measures to limit erosion and sedimentation due to the construction activities and shall, in addition, comply with such detailed measures as may be required by the Project Specification. Where erosion and/or sedimentation, whether on or off the Site, occurs despite the Contractor complying with the foregoing, rectification shall be carried out in accordance with details specified by the Engineer. Where erosion and/or sedimentation occur due to the fault of the Contractor, rectification shall be carried out to the reasonable requirements of the Engineer.

AESTHETICS

The Contractor shall take reasonable measures to ensure that construction activities do not have an unreasonable impact on the aesthetics of the area.

RECREATION

If so required by the Project Specification, the Contractor shall take measures to reduce disruption to recreational users of the area abutting the Site.

TEMPORARY SITE CLOSURE

If the Site is closed for a period exceeding one week, the checklist procedure required by the Project Specification shall be carried out by the Contractor in consultation with the Engineer.

AESTHETICS

The Contractor shall take reasonable measures to ensure that construction activities do not have an unreasonable impact on the aesthetics of the area.

TOLERANCES

Environmental management is concerned not only with the final results of the Contractor's operations to carry out the Works but also with the control of how those operations are carried out. Tolerance with respect to environmental matters applies not only to the finished product but also to the standard of the day-to-day operations required to complete the Works.

It is thus required that the Contractor shall comply with the environmental requirements on an ongoing basis and any failure on his part to do so will entitle the Engineer to certify the imposition of a fine subject to the conditions in the Pro Forma: Protection of the Environment and the details set out in the Project Specification.

OCCUPATIONAL HEALTH & SAFETY

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DOCUMENT PURPOSE AND INTENT

The specifications contained in this document relate to the health and safety requirements pertaining

to the associated works of the aforementioned drilling construction sites, so as to ensure the health and safety of persons on:

Compliance to the Occupational Health and Safety Act (Act 85 of 1993) and the Construction Regulations 2014 shall not be limited to the specifications and definitions contained in this document.

A comprehensive, documented Health & Safety Plan (H&S Plan) is to be drawn up based on the specifications provided, and presented to the agent for approval prior to commencement of work / together with the tender documents.

Monitoring of compliance on site shall be to the requirements of the OHS Act and Regulations as well as the contents of the H&S Plan(s) of the Principal Contractor and Contractors.

APPLICATION AND INTERPRETATION

This document is to be read and understood in conjunction with the following, inter alia:

Occupational Health and Safety Act (Act 85 of 1993).

All regulations published in terms of the Occupational Health and Safety Act.

Construction Regulations, 2014.

SABS codes referred to by the Occupational Health and Safety Act.

Contract Documents

Basic Conditions of Employment Act (Act 75 of 1997)

Definitions

The following definitions from the Occupational Health and Safety Act are listed as follows:

Chief Executive Officer

In relation to a body corporate or an enterprise conducted by the Municipality, means the person who is responsible for the overall management and control of the business of such body corporate or enterprise.

Danger

Means anything which may cause injury or damage to persons or property.

Employee

Means, subject to the provisions of Subsection (2), any person who is employed by or works for any employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person.

Employer

Means, subject to the provisions of Subsection (2), any person who employs or provides work for any person or remunerates that person or expressly or tacitly undertakes to remunerate him, but excludes a labour broker as defined in Section 1(1) of the Labour Relations Act, 1953 (Act No. 28 of 1956).

Healthy

Means free from illness or injury attributable to occupational causes.

Machinery

Means any article or combination of articles assembled, arranged or connected and which is used or intended to be used for converting any form of energy to performing work, or which is used or intended to be used, whether incidental thereto or not, for developing, receiving, storing, containing, confining, transforming, transmitting, transferring or controlling any form of energy.

Medical Surveillance

Means a planned programme of periodic examination (which may include clinical examinations, biological monitoring or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner.

Plant

Includes fixtures, fittings, implements, equipment, tools and appliances, and anything which is used for any purpose in connection with such plant.

Properly Used

Means used with reasonable care, and with due regard to any information, instruction or advice supplied by the designer, manufacturer, importer, seller or supplier.

User

In relation to plant or machinery, means the person who uses plant or machinery for his own benefit or who has the right of control over the use of plant or machinery, but does not include a lessor of, or any person employed in connection with, the plant or machinery.

Reasonably Practicable

Means practicable having regard to:

- (a) the severity and scope of the hazard or risk concerned,
- (b) the state of knowledge reasonably available concerning that hazard or risk and of any means of removing or mitigating that hazard or risk.
- (c) the availability and suitability of means to remove or mitigate that hazard or risk; and
- (d) the cost of removing or mitigating that hazard or risk in relation to the benefits deriving there from.

Risk

Means the probability that injury or damage will occur.

Safe

Means free from any hazard.

Standard

Means any provision occurring:

in a specification, compulsory specification, code of practice or standard method as defined in Section 1 of the Standards Act, 1993 (Act No. 29 of 1993); OR in any specification, code or any other directive having standardization as its aim and issued by an institution or organization inside or outside the Republic which, whether generally or with respect to any particular article or matter and whether internationally or in any particular country or territory, seeks to promote standardization.

The following definitions from the Construction Regulations 2014 are listed as follows:

Agent

Means any person who acts as a representative for a client.

Competent Person – Contractor Must execute works with such a person.

Means any person having the knowledge, training, experience and qualifications specific to the work or task being performed:

Provided that where appropriate qualifications and training are registered in terms of the provisions of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995), these qualifications and training shall be deemed to be the required qualifications and training.

Construction

Means any work in connection with:

the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;

the installation, erection, dismantling, or maintenance of a fixed plant where such work includes the risk of a person falling;

the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; OR

(d) the moving of earth, clearing of land, the making of an excavation, piling or any similar type of work.

Contractor

Means an employer, as defined in Section 1 of the Act, who performs construction work and includes Principal Contractors.

Hazard Identification

Means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed.

H&S Plan

Means a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified.

Health and Safety Specification

Means a documented specification of all health and safety requirements pertaining to the associated works on a construction site, so as to ensure the health and safety of persons.

Method Statement

Means a document detailing the key activities to be performed in order to reduce as reasonably as practicable the hazards identified in any risk assessment.

Principal Contractor

Means an employer, as defined in Section 1 of the Act who performs construction work and is appointed by the client to be in overall control and management of a part of or the whole of a construction site.

Risk Assessment

Means a program to determine any risk associated with any hazard at a construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard.

NOTIFICATION OF CONSTRUCTION WORK

The Principal Contractor shall notify by registered mail, the local relevant Provincial Director of the Department of Labour, before commencing with construction work, of the intended work in the form of Annexure A of the Construction Regulations. A copy of the completed Annexure A shall be included in the plan as well as proof that the Provincial Director has been notified.

A copy of the completed Annexure A is to be kept on site by the Principal Contractor.

LEGAL DOCUMENTATION/APPOINTMENTS

The following documents shall form part of the H&S Plan, to be provided when submitting a tender, or if no tender process was followed, prior to commencement of work:

Health and Safety Policy signed by the Engineer and Health & Safety Agent.

Letter of good standing with the Compensation Commissioner, Federated Employers or similar insurer.

Health and Safety Organogram, outlining the Health and Safety Team, delegations and responsibilities of each member, as well as the appointment(s) that each member carries.

The following legal appointments shall form part of the H&S Plan and must be in place prior to commencement of work:

APPOINTMENT OHS-ACT/ REGULATION REFERENCE

Section 16.2 appointment Section 16.2

Health and Safety Representative(s) Section 17

Health and Safety Committee Members Section 19

Incident Investigator(s) GAR 8(2)

First Aider(s) GSR 3

Fire Fighter(s) ER 9

Risk Assessor(s) HC (Incl. Asbestos & lead); CR

Health and Safety Committee Meeting(s), where applicable, are to be held monthly. Explain to what extent this is going to be applicable.

Minutes of the Health and Safety Committee are to be provided to the agent within 3 days of the meeting being held.

The competencies of the incident investigator(s), first aider(s), fire fighter(s) and risk assessor(s) must be proved in the plan (see definition of a competent person).

The following Competent Persons shall be appointed in writing (where applicable) prior to any work being carried out, and such work shall adhere to the requirements of the specific sub-regulations. The appointment letter, qualifications and C.V. of each competent person is also to be provided in the H&S Plan.

APPOINTMENT REGULATION

Construction Supervisor CR 6(1)

APPOINTMENT REGULATION

Assistant Construction Supervisor CR 6(2)

Fall Protection Competent Person CR 8(1)

Formwork and support work CR 10(1)

Excavation Work Competent Person CR 11(1)

Material Hoist Competent Person CR 17(8)

Batch Plant Competent Person CR 18(1)

Construction Vehicle and Mobile Plant

Competent Person

CR 21(1)(j)

Electrical installations and machinery CR 22(e)

Fire equipment Competent Person CR 27(h)

Confined Spaces Competent Person GSR (5)

Lifting Machines Operator DMR 18(11)

Indicate in the H&S Plan which of these listed topics and subsequent appointments are applicable to the construction work in question.

No work involving any of the applicable topics may be performed without the knowledge and approval of an appointed competent person.

The competent person shall be responsible to determine the level of supervision required for each activity. All these supervisory requirements shall be indicated in detail in the H&S Plan.

GENERAL DUTIES OF PRINCIPAL CONTRACTOR

The Principal Contractor will be responsible for co-operation between all contractors to ensure compliance to these regulations on site.

To ensure the above, the requirements of sub-regulation 5(1) – 5(14) are applicable. Proof of compliance to each of these sub-regulations must be indicated in the H&S plan.

Part of this is the Principal Contractor's approval of all sub-contractor's H&S plans. Proof of this must be provided, either by submitting the sub-contractors' approved H&S plans as part of the Principal Contractor's plan or submitting the letter(s) where approval was granted. The Principal Contractor will be required to assess and approve the contractors H&S Plan within 5 days of receipt thereof.

A Section 37(2) contract has to be signed between the Principal Contractor and each Contractor. A

copy of each must be included in the H&S plan.

SUPERVISION OF CONSTRUCTION WORK

Each contractor, including the Principal Contractor, shall appoint a full-time competent person in writing as the construction supervisor, with the duty of supervising the construction work.

The agent must be informed if such person is also appointed as a construction supervisor for another site.

The agent reserves the right to require from any contractor at any stage to appoint a full or part time construction health and safety officer.

RISK ASSESSMENT

Risk assessments of all required activities shall form an integral part of the H&S Plan.

All risk assessments shall be conducted in terms of an acceptable methodology, prior to commencement of work, according to the provisions of CR 7 and should cover at least the following:

Formwork erection and demolition

Reinforcement erection

Casting of concrete

Cranage work

Using power tools

Movement of construction vehicles

All work near overhead power lines and underground cables

Locating underground cables prior to excavation

Excavation for structures and pipelines

Temporary stockpiling and removal of excavated material

Transporting material

Installation of pipelines and backfilling

Roadway surfacing

Lay of electrical cables

Security during working hours

Work next to standing and flowing water

Work next to existing mechanical and electrical equipment

Work next temporary flow diversions and temporary sluice gates

Working at heights

Working near existing aerated bioreactors, gas releasing digester's and settling tanks

Working next to and in septic unhealthy raw sewage

All health hazards that can be present during any of the above activities and should include individual dusts, gases, fumes, vapors, noise, extreme temperatures, illumination, vibration and ergonomic hazards

The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be split down to individual task and all associated hazards identified and listed in the risk assessment. This ensures that critical tasks and subsequent critical hazards are not missed.

Reference should be made to:

Methodology used to do risk assessments

Expected activities and processes to be covered

High risks anticipated

Risk assessment to cover all safety and health hazards.

All risk assessments are to be conducted by a competent person(s) as appointed under paragraph 5 of this document. The plan must include a declaration in this regard or the risk assessment must

contain the signature(s) of these appointed persons. The agent reserves the right to stop any work if such work is not conducted in terms of the recommendations of the risk assessment.

COMMUNICATION

In addition to the requirements of this regulation the following shall apply:

The Principal Contractor is to indicate in his H&S Plan the level of liaison between himself and the designer of the building or structure. The Principal Contractor shall insist that all instructions from the designer are conveyed to him in writing.

REGISTERS

The maintenance of the following registers at the frequency indicated must be specifically indicated in the H&S Plan. All registers must be available at the site offices at all times for inspection by the agent. The list of registers to be kept is by no means exhaustive and the H&S Plan should list all the registers that are applicable and at what frequency they are going to be maintained

ACTIVITY FREQUENCY

Form work/Support work Daily

Excavation Work Daily

Daily

Lifting machines Daily

Pricing Data

Pages

C2.1 Pricing Instructions

C2.2 Schedule of Quantities

- 1) Measurement and payment shall be in accordance with the relevant provisions of the SANS 1200 as amended in the Scope of Works.
- 2) The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

% = percent

hr = hour

Ha = hectare

Kg = kilogram

Kl = kilolitre

Km = kilometre

km-pass = kilometre-pass

kPa = kilopascal

kW = kilowatt

l = litre

m = metre

mm = millimetre

m² = square metre

m²-pass = square metre-pass

m³ = cubic metre

m³-km = cubic metre-kilometre

MN = meganewton

MN.m = meganewton-metre

MPa = megapascal

No. = number

Prov sum = Provisional sum

PC sum = Prime Cost sum

R/only = Rate only

Sum = lump sum

T = ton (1000 kg)

Day = Work day

- 3)** For the purpose of the 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 SANS 1200 and/or Project Specifications

Quantity: The number of units of work for each item.

Rate: The agreed payment per unit of measurement.

Amount: The product of the quantity and the agreed rate for an item.

Lump sum: An agreed amount for an item, the extent of which is described in the Bill of Quantities but the quantity of work of which is not measured in any units.

- 4)** Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
- 5)** It will be assumed that prices included in the bills of quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards)
- 6)** The prices and rates in the Bill of Quantities are to be fully inclusive prices for the work described under the several items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.
- 7)** Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered such items.
- 8)** The short descriptions of the items of payment given in the Bill of Quantities are only for the purposes of identifying the items. More details regarding the extent of the work and all OHS act and Construction regulations re entailed under each item appear through out the document.
- 9)** The item numbers appearing in the Schedule of Quantities refer to the corresponding item numbers in the Standardised Specification for Civil engineering Construction SANS 1200, if applicable.

A price or rate shall be entered against each item in the Bill / Schedule of Quantities.

The works quoted shall include the full scope, risk, health and safety, and the full content as prescribe within this document. This prices shall be fix and firm. Tenderer not wish to make any charge in respect of an item, a rate of zero "R0.00" or "Nil" shall be entered. The Tenderer may not group a number of items together and tender one lump sum for such group of items.

The tendered rates shall be valid irrespective of any change in the quantities during the execution of the works projects under the contract.

No unauthorized amendment shall be made to the Schedule of Rates or any part of the Pricing Data. If such amendment is made or if the Schedule of Rates / are not properly completed, the tender will be rejected.

- 10)** The quantities set out in the Bill of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bill of Quantities.

- 11)** Reasonable compensation will be received where no pay item appears in the Bill of Quantities in respect of work required in terms of the Contract and which is not covered in any other pay item.
- 12)** Those parts of the contract to be constructed using labour-intensive methods have been marked in the Bills of Quantities with the letters L in a separate column filled in against every item so designated. The works, or parts of the works so designated are to be constructed using labour-intensive methods only. The use of plant to provide such works, other than plant specifically provided for in the scope of work, is a variation to the contract. The items marked with the letters L are not necessarily an exhaustive list of all the activities which must be done by hand, and this clause does not over-ride any of the requirements in the generic labour intensive specification in the Scope of Works.

Schedule of quantities – FOR THE HORIZONTAL DRILLING REFER TO AS TRENCHLESS CONSTRUCTION TECHNOLOGY IN THE BREEDE VALLEY MUNICIPAL AREA

| | DESCRIPTION | QUANTITY | UNIT PRICE | AMOUNT |
|-----------|--|----------|------------------|--------|
| 1 | SITE ESTABLISHMENTS WITH PRELIMINARY AND GENERAL COSTS – TO ATTEND TO ONE INTERSECTION CALL OUT | | | |
| | 1.1 Fixed Preliminary and General a) Establishment and de-establishment 1.2 Time Related Preliminary and General (Incl. Living out allowance and accommodation) Days 2 if necessary 1.3 Standing Time Costs: Loss of production caused by Others 1.3.1 Vermeer D20x22 Drill rig and crew – as per standard 1.4 Extra-Over Cost for Overtime (normal working hours Monday - Friday : 08h00 - 17h30) Additional Cost to be considered in your pricing 1.2.1 Excavate by hand in intermediate to hard material for drilling pits 7m ³ – Standard 1.2.2 Expose existing services by means of hand excavation m3 – sum within the area of the drilling pits. 1.2.3 Remove and dispose of excessive drilling mud (bentonite slurry) m3 - Site specific Upon request to be included when necessary. 1.2.5 Accommodation of traffic (minor works) to safeguard drilling crew and equipment for road side work 1.2.6 Collection of permits and liaison with departments and telecoms suppliers for site meeting before required works may commence - 1.2.7 H&S Sum 1.2.8 Backfilling of pits | 3 | | |
| | <u>HORIZONTAL DIRECTIONAL DRILLING – High Street ROAD</u> | | | |
| 2. | Boring of holes by HDD with the following dimensions Sleeve Diameter (OD in mm) - 110 mm diameter (a) in intermediate to hard material (b) Supply and Installation of 110mm diameter HDPE PE 100 PN 10 pipe: | | | |
| 2.1 | "SITE 1" - 32m (Sleeve length equal to road width) x 3 sleeves | 96m | | |
| 2.2 | "SITE 2" - 14m (Sleeve length equal to road width) x 3 sleeves | 42m | | |
| 2.3 | "SITE 3" - 10m (Sleeve length equal to road width) x 3 sleeves | 30m | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | Sub total | |
| | | | VAT @ 15% | |
| | | | TOTAL | |