TENDER DOCUMENT

TSWELOPELE
LOCAL MUNICIPALITY
A MUNICIPALITY IN PROGRESS

Project Name	Project Number
REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAMENG (BULTFOTEIN)	SCM/TSW/06/2026-2027

Contact: Mr. Thabiso Matyesini / Mr. Lebohang Malokase

Tel: (051) 8531111 Fax: (051)8531332 (during office hours)

Name of the Bidder……

Amount (vat inclusive) ……

Address……

……

……

Contact Number……

E-mail Address……

Closing date: 20 January 2027 at 12H00

VERY IMPORTANT NOTICE ON DISQUALIFICATIONS:

BY SUBMITTING THE BID THE BIDDER UNDERTAKES TO ABIDE BY THE TERMS AND CONDITIONS OF THIS TENDER INCLUDING BUT NOT LIMITED TO THE RULES OUTLINED BELOW

- A bid not complying with the requirements stated hereunder will be regarded as not being an "Acceptable bid", and as such will be rejected.
- "Acceptable bid" means any bid which, in all respects, complies with the conditions of bid and specifications as set out in the bid documents, including conditions as specified in the Preferential Procurement Policy Framework Act (Act 5 of 2000) and related legislation and regulations, in terms of which provision is made for this policy.
- In this document and other documents referred to but not attached, the following words are synonymous with each other.
    a. CLIENT, EMPLOYER, TSWELOPELE LOCAL MUNICIPALITY.

    b. BID, TENDER AND VARIATIONS THEREOF

    c. JOINT VENTURE / CONSORTIUM

    d. TENDERER, BIDDER, CONTRACTOR

1. FULL DESCRIPTION OF THE TENDER

REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAMENG (BULTFOTEIN)

VERY IMPORTANT NOTICE ON DISQUALIFICATIONS:

BY SUBMITTING THE BID, THE BIDDER UNDERTAKES TO ABIDE BY THE

2. RULES FOR BIDDING

2.1 The municipality is not bound to accept any of the proposals submitted and reserves the right to call for presentations from short-listed bidders before final selection,

2.2 Documents submitted by bidders will not be returned. The municipality reserves the right to return late bid submission unopened,

2.3 The municipality reserves the right to terminate this appointment or temporarily defer the work, or any part thereof, at any stage of completion should the municipality decide not to proceed with the bid,

2.4 The service provider must be a single legal entity with all other necessary expertise secured via sub-contract, or under a joint venture arrangement.

2.5 The bidding entity shall be the same entity that will execute the bid. Any bid found to be fronting for another entity or entities shall be disqualified immediately,

2.6 Bidders may ask for clarification on these bid documents or any part thereof up to close of business week before the deadline for the submission of the bids,

2.7 Bidders may not contact the municipality on any matter pertaining to their bid from the time when the bids are submitted to the time the contract is awarded. Any effort by a bidder to influence bid evaluation, bid comparisons or bid award decisions in any manner, may result in rejection of the bid concerned,

2.8 Should the contract between the municipality and the service provider be terminated by either party due to reasons not attributable to the service provider, the service provider will be remunerated for the appropriate portion of work completed up to a maximum amount of not more than the total fee bid by the service provider for the appropriate phase of the project during which the appointment was terminated,

2.9 Bidders should not scratch out without initialling next to the amended rates or information, affecting the evaluation of the bid,

2.10 The Bid document must be properly signed by a party having the authority to do so, according to the example of “Authority or Signatory”,

2.11 Evidence that the municipal rates and taxes or municipal charges owed by the preferred bidder or any of its directors to the municipality or municipal entity, or to any other municipality or municipal entity, are not in arrears for more than three months, in terms of lease agreement, proof that Municipal charges owed on the premises are not in arrears for more than 90 days must be attached (Invoice/statement from the Lessor), lease agreement alone will not be accepted,

2.12 Bidders will be disqualified if any bidders who during the last five years has failed to perform satisfactorily on a previous contract with the municipality, municipal entity or any other organ of state after a reasonable written notice was given to that bidder that performance was unsatisfactory or appears on the register / database of defaulters,

2.13 The Accounting officer must ensure that irrespective of the procurement process followed, no award may be given to a person –

2.13.1 Who is in the service of the state, or;

2.13.2 If that person is not a natural person, of which any Director, Manager, Principal Shareholder or Stakeholder, is a person in the service of the state; or;

2.13.3 Who is an advisor or consultant contracted with the municipality in respect of contract that would cause a conflict of interest?

2.14 Failure by the bidder to disclose with the bid submission any form of conflict of interest including disclosure on a person(s) who is in the service of the state or any immediate blood relative in the service of the state will lead to disqualification,

2.15 **All functionality and all other returnables will be exposed to verification process, and any returnable proven to be a fake document, the bidders document will be rejected o subjected to disqualification**.

2.26 The municipality is not liable for any documents delivered via courier companies and by post. No official is going to sign the receipt of the tender document,

2.27 Tender documents must be submitted in a sealed envelope clearly marked with the project name and number,

2.28 Fully completed and signed tender documents must be deposited into the tender box located at: 01 Bosman Street, Civic Centre, Bultfontein,9670. The sealed envelope must specify the following:

2.28.1 Bid number

2.28.2 Closing Date and time

2.28.3 The name and address of the tenderer

2.29 The service provider must ensure that all staff working under this contract are adequately trained prior to the commencement of the contract.

2.30. The Municipality has the right to enter into negotiation with a prospective contractor regarding any terms and conditions, including price(s), of a proposed contract.

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T1.1 BID NOTICE AND INVITATION TO BID

SCM/TSW/06/2026-2027: REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAMENG BULTFOTEIN.

Tswelopele Local Municipality hereby invites suitably qualified Bidder for the Replacement of old asbestos pipeline and accompanying appurtenances in Phahameng Bultfotein. Bids marked for the attention of the Municipal Manager must be submitted in a sealed envelope marked **"SCM/TSW/06/2026-2027: REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAHAMENG BULTFOTEIN** must be deposited in the tender box located at Tswelopele Local Municipality no later than **20 January 2027 at 12H00**. Offices; No. 1 Bosman Street; Civic Centre, Bultfontein; 9670.

Tender documents will be available from Tswelopele Local Municipality Website www.tswelopele.gov.za and www.etenderportal.gov.za from the **20 November 2026**.

The tenders will be evaluated and adjudicated in line with the approved Supply
Chain Management Policy of Tswelopele Local Municipality using 80/20 preference point system in accordance with the Preferential Procurement Policy Framework Act.
The tenders will also be adjudicated and evaluated using:

1. Returnables.
2. Functionality
3. PPP Calculations = 80
4. Specified Goals = 20 (Race, Gender, Disability and Youth)

Tenderers must be registered with the **CIDB Grading – 7CE or higher** class of construction works. There is no site briefing for the tender.

Tenders which are late or submitted by facsimile or electronically will not be accepted. Prices quoted must be valid for 90 days from closing date of this tender. The municipality does not bind itself to accept the lowest or any tender and reserves the right to accept any tender either wholly or a part thereof or to disclose reasons for their decision. Tenders will remain valid for 90 (ninety) days.

Enquiries can be directed to Mr LS Malokase and Mr TJ Matyesini at (051) 853 1111 during office hours.

Mr T MASUKELA
ACTING MUNICIPAL MANAGER
TSWELOPELE MUNICIPALITY
1 BOSMAN STREET
BULTFONTEIN
9670

PART A
INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (*NAME OF MUNICIPALITY/ MUNICIPAL ENTITY*)					
BID NUMBER:	SCM/TSW/06/2026-2027	CLOSING DATE:	20 January 2027	CLOSING TIME:	12:00
DESCRIPTION	REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAMENG (BULTFOTEIN)				
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*

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:			
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]			
TOTAL NUMBER OF ITEMS OFFERED			**TOTAL BID PRICE**	**R**			
SIGNATURE OF BIDDER	……		**DATE**				
CAPACITY UNDER WHICH THIS BID IS SIGNED							

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		**TECHNICAL INFORMATION MAY BE DIRECTED TO:**	
DEPARTMENT		CONTACT PERSON	
CONTACT PERSON		TELEPHONE NUMBER	
TELEPHONE NUMBER		FACSIMILE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	
E-MAIL ADDRESS			

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.

1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR ONLINE**

1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS 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: ……...

T1.2 BID DATA

The **Standard Conditions of Bid** makes several references to the bid data for details that apply specifically to this bid. The bid data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of bid.

Clause number	Data
F.1.1 ACTIONS	The Employer is: The Municipal Manager Tswelopele Local Municipality 01 Bosman Street Civic Centre Bultfontein 9670
F.2.1 ELIGIBILITY	Companies that fit all the requirements of this bid as specified.
F.2.7 CLARIFICATION MEETING	*NONE*
F.2.12 ALTERNATIVE TENDER OFFERS	*No alternative bid is to be accepted!*
F.2.13.2 SUBMITTING A TENDER OFFER	The **whole original** bid document, **as issued by the Municipality**, shall be submitted**.** Bids may only be submitted on the Bid documentation issued by the municipality
F.2.14 CLOSING TIME	The closing time for submission of bid offers is: Date: **20 January 2027** Time: **12H00** Telephonic, telegraphic, facsimile or e-mailed bid offers will **not** be accepted.
F.2.15 TENDER OFFER VALIDITY	1. The employer will have up to 90 days (working days) from the closing date within which to consider submitted bids. 2. The successful bidder will have up to 10 days to respond to the service offer.

Clause number	Data
F.1.9 INSPECTIONS, TESTS AND ANALYSIS	Access should be provided to the municipality for the inspection of the tenderer's offices if required.
F.1.10 CERTIFICATES AND ATTACHMENTS	The bidder is required to attach the following **Valid documents** to the tender document: a. Proof of registration on Central Supplier Database [Last verified between the **date of advert** and the **closing date**] detailing all compliance requirements of the Bidder; b. SARS Pin to be attached – the Municipality will be verifying the tax status of the bidder on evaluation before the award. c. Evidence (municipal account statement) that the municipal rates and taxes or municipal charges owed by the bidder or any of its directors to the municipality or municipal entity, or to any other municipality or municipal entity, are not in arrears for more than three months, in terms of lease agreement, proof that Municipal charges owed on the premises are not in arrears for more than 90 days must be attached, lease agreement alone will not be accepted, d. CIDB Grading – 7 CE or higher class of construction work. e. Attach latest complete set of Audited Financial Statements (AFS) , independently prepared and signed off by a registered Auditor or Accounting officer in good standing with a recognised professional regulatory body (e.g. IRBA, SAICA, or CIPA / relevant statutory professional board) f. Prospective bidder must comply with any related legislation. g. Submit the above documents (a to e) for each company if bidding as a joint venture h. Joint venture, consortium agreements (if applicable). **Note:** Failure to attach the above documents will lead to automatic disqualification from further evaluation
F.1.11 OPENING OF BID SUBMISSIONS	There will be public opening of bids. The Municipality will publicise the tender opening register on the website: www.tswelopele.gov.za after the closing date.
F.1.12 TWO-ENVELOPE SYSTEM	A two-envelope procedure will **not** be followed.

F.1.12 ARITHMETICAL ERRORS	a) Where there is a discrepancy between the amounts in figures and in words, the amount in figures shall govern. b) If bills of quantities (or schedule of quantities or schedule of rates) apply and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the rate shall govern and the line-item total shall be corrected. c) Where there is an error in the total of the prices either as a result of corrections required by this checking process or in the tenderer's addition of
Clause number	**Data**
	prices, the total of the prices shall be adjusted to reflect the arithmetically correct summation of corrected line-item totals. Consider the rejection of a tender offer if the tenderer does not accept the correction of the arithmetical errors in the manner described above.
F.1.13 EVALUATION OF BID OFFERS	The preference procedure for evaluation of responsive bid offers shall be the **80/20**-point preference system. - where 80 points will be allocated in respect of price - 20 points will be allocated towards specific goals - Note: All bids will be evaluated firstly on returnable compliance and functionality before the evaluation on 80/20-point system Add to F.1.13 The Municipality will perform a risk analysis on the tenderer having the highest ranking / number of points to ascertain if any of the following, as relevant, present an unacceptable commercial risk to the employer: *a) Unduly high or unduly low tendered rates or amounts in the tender offer;* *b) Contract data provided by the employer; or* *c) The contents of the tender returnable which are to be included in the contract.* Risk Analysis In Table below, the percentage deviation of the tendered amount is indicated. The risk to the Municipality increases where rates of tenderer's deviate by more than 10% and less than 10% below average. Too low rates result in cash flow problems to the contractor, slower progress of the works, increased safety risks and reduction in quality of work; but Alternatively, where rates are more than 10% higher than the average tendered rates, the risk to the Municipality increases with regard to a possible increase in project costs when the quantities increase substantially. The risk involved will be calculated using the below formula, where the numerator is the bidder's price over the denominator of bidder's average price (only those that made it through the functionality stage to the final stage of the evaluation) or the Engineer's estimates.

	Risk factor= $\left(\frac{Bid\ price\ per\ tenderer}{Bidders\ Average\ price\ or\ Engineer's\ estimates} - 1\right)$ x 100 Critical Sections | High Risk, Low Rate | Deviation < - 10% Low Risk, High Rate | Deviation < -+10% Stage 1: Returnable schedule Stage 2: Functionality Stage 3: Calculation of specified Goals (Race, gender, Youth and Disability).
F.1.14 ACCEPTANCE OF BID OFFER	Bids containing any one or more of the errors or omissions, or bids not having complied with any one of the required bid conditions shall not be considered and shall automatically be rejected. Administrative and arithmetic errors will be dealt with as documented in F.2.11 and F.3.9
F.1.15 PROVIDE COPIES OF THE CONTRACTS	The number of paper copies of the signed contract to be provided by Tswelopele Municipality is **one.**
ADDITIONAL CONDITIONS APPLICABLE TO THIS BID	The additional conditions of bid are: 1 The Employer may also request that the bidder provide written evidence on the adequacy of financial, labour and other resources for carrying out the contract. 2 *The Municipal shall confirm validity of all functionality documents attached with relevant person indicated, we may require Previous Purchase Orders or previous payments from the reference contact person indicated in the returnable claiming functionality points. It will take 3 attempts for the Municipality to do so if the committee fails to confirm the validity of the returnable from the reference contact person such returnable will not be awarded a point.* 3 The Employer reserves the right to appoint a firm of chartered accountants and auditors and/or execute any other financial investigations on the financial resources of any bidder. The bidder shall provide all reasonable assistance in such investigations. 4 The bidder shall be required to complete the Form of Offer and Acceptance (C1.1) and Bills of Quantity for all the regions as specified in the tender document. 5 The bid document shall be submitted as a whole and **not** in parts. 6 **List of returnable documents (PART T2) must be completed in full.** (i.e.: A bidder's company profile **will not** be used by the TLM to complete PART T2 on behalf of the bidder) **NB: If PART T2 is not completed in full by the bidder, the offer will be rejected.**

	CLAUSE	(GCC 2025, 4th Edition)
Special Conditions*		See *Volume 1, Tender Data,*
Name of the Contractor	1.1.1.9	

Name of Employer	1.1.1.15	**Error! Reference source not found.**	
Name of Employers Agent	1.1.1.16	**Pule Ramasimong Development Consultant**	
The Pricing Strategy is	1.1.1.26	Re-measurement Contract	
Address of the Client	1.2.1.2	**Error! Reference source not found.** ERROR! REFERENCE SOURCE NOT FOUND. **Error! Reference source not found.**	
		Tel. No.	**Error! Reference source not found.**1
Address of the Engineer	1.2.1.2	45 President Street Meyerton Bothaville 9660	
		Tel. No.	083 745 8693
Address of the Contractor	1.2.1.2		
		Contact	
		Tel. No.	
Commencement of the Contract	5.2.1	14 (Fourteen) days from the appointment date	
The documentation required before commencement of Works execution is:	5.3.1 5.6.1	Health and Safety Plan (Refer to Clause 4.3) Initial Programme of Works (Refer to Clause 5.6.1) *Within 14 Days of Commencement Date* Insurance (Refer to Clause 8.6.1) Cash flow projection Quality assurance plan *Within 14 Days of Commencement Date* Letter from Contractor whether he accepts the appointment. Signing of the Contract Documents	
The time to submit the documentation required before commencement of Works execution is:	5.3.2	7 days for Acceptance Letter 14 days for security and insurance documents 21 days for Signing of the Tender document	

Time for completion**	5.14	_____
Special non-working days	5.8.1	Sundays and all public holiday as well as yearend breaks
The Penalty for delay	5.13.1	R 2500 PER CALENDER DAY
The latent defects period is:	5.16.3	10 years for Civil Works 5 years for Building Works 3 years for Electrical and Mechanical Works
Amount of Security	6.2.1	**Error! Reference source not found.** of the Contract Value
Time within which Security to be Provided	6.2.2	14 (Fourteen) days from the contract appointment date
Duration of Security*	6.2.3	Until issue of Practical Completion Certificate/Final Certificate
Interim payments	6.10.1	As may be agreed between parties/ as employer's agent request
The Percentage advanced on materials not yet build into the Permanent Works is	6.10.1.5	80 (Eighty) %
Limit of retention money	6.10.3	**Error! Reference source not found.** of contract value
Defects Liability Period	6.10.5	**Error! Reference source not found.**
Rendering of Contractor's final Payment Certificate	6.10.9	Within 14 (fourteen) days after the date of final approval
Minimum amount of Third Party Insurance	8.6	Contract value
Special Risk Insurance (Political riot insurance) *	8.6.1	Required/~~Not required~~
If required, to be arranged by*	8.6.1	Contractor/~~Client~~
Amount of Special Risk Insurance	8.6.1	Contract Value
Minimum amount of Liability Insurance	8.6.1	R 1,000,000.00 (One Million Rand)
The amount to cover professional fees for repairing damages and loss to be included in the insurance sum	8.6.1.1.3	1 (One) % of the Contract Value
The limit of indemnity Liability for Insurance	8.6.1.3	R 5,000,000.00 per claim, claims unlimited during construction and defects liability period

The number of Adjudication Board Members to be appointed is	10.5.3	3 (three)
Settlement of disputes to be referred to*	10.7.1	Arbitration Law 1965 (Law No 42/1965) as amended
Period of validity of Tender		**Error! Reference source not found.**

F.1 General

F.1.1 Actions

The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly with openness and transparency.

F.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

F.1.3 Interpretation

F.1.3.1. the tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

F.1.3.2. these conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

F.1.3.3 For the purposes of these conditions for the calling of expressions of interest, the following definitions apply:

a) Comparative offer means the tenderer's financial offer after the factors of non-firm prices, all unconditional discounts and any other tendered parameters that will affect the value of the financial offer have been taken into consideration

b) Corrupt practice means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and

c) Fraudulent practice means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels.

F.1.4 Communication and employer's agent

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

F.1.5 The employer's right to accept or reject any tender offer

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

F.2 Tenderer's obligations

F.2.1 Eligibility
Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his/ her principals, is not under any restriction to do business with the employer.

F.2.2 Cost of tendering
Accept that the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer to satisfy requirements.

It is a term of this bid that the employer is indemnified from any liability arising or accruing from expenses or damages or losses incurred by the bidder including in the event the employer opts to cancel or discontinue the bidding process of this tender.

F.2.3 Check documents
Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

F.2.4 Confidentiality and copyright of documents
Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference documents
Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

F.2.6 Acknowledge addenda
Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

F.2.7 Clarification meeting
Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions.

Details of the meeting are stated in the tender data.

F.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing date stated in the tender data.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is required to seek adequate cover for covering liability that may ensue during the contract term.

F.2.10 Pricing the tender offer

F.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes, Value Added Tax (VAT), and other levies payable to the successful tenderer, such duties, taxes and levies being those applicable fourteen (14) days before the closing time stated in the tender data.

F.2.10.2 Provide rates and prices that are fixed for the duration of the contract inclusive of applicable projected escalation as provided for in the conditions of contract identified in the contract data and not subject to any further adjustment; payable on a monthly basis.

F.2.10.3 State the rates and prices in South African Rand only.

F.2.10.4 The **municipality has limited resources and bids must be competitive, with market related pricing, as this will be one of the deciding factors in the final award of the contract**

F.2.11 Alterations to documents

Not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

F.2.12 Alternative tender offers

F.2.12.1 Submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements of the tenderer proposes.

F.2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

F.2.13 Submitting a tender offer

F.2.13.1 Submit a tender offer to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.
F.2.13.2 Return all returnable documents to the employer after completing them in their entirety.

F.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English.

F.2.13.4 Sign the original copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state; which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

F.2.13.5 Seal the original package marking the package as “ORIGINAL”

F.2.13.6 Seal the original tender offer package in an outer package that states on the outside only the employer‘s address and identification details as stated in the tender data.

F.2.13.7 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

F.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, will be regarded by the employer as non-responsive.

F.2.15 Closing Time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. The employer shall not accept tender offers submitted by telegraph, facsimile or e-mail.

F.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

F.2.16 Tender Offer Validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period.

F.2.16.3 The tender offer validity will be valid for 90 days.

It would be expected of the successful Service Provider to assume duty upon appointment on the date to be determined by the municipality.

F.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a

breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (Or both).

No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

F.2.18 Provide other material

F.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), referencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

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

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

F.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

F.2.22 Return of other tender documents

If so, instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

F.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

F.3 The employer's undertakings

F.3.1 Respond to clarification

Respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

F.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until seven (7) days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents.

F.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

F.3.4 Opening of tender submissions

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

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

F.3.4.3 Make available the record outlined in F.3.4.2 to all interested persons upon request.

F.3.5 Two-envelope system

F.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

F.3.5.2 Evaluate the quality of the technical proposals offered by tenderers, then advice tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the quality evaluation more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.

F.3.6 Non-disclosure

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

F.3.7 Grounds for rejection and disqualification

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

F.3.8 Test for responsiveness

F.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

a. Complies with the requirements of these Conditions of Tender,

b. Has been properly and fully completed and signed, and

c. Is responsive to the other requirements of the tender documents.

F.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

a. Detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,

b. Change the Employer's or the tenderer's risks and responsibilities under the contract,

c. Affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

F.3.9 Arithmetical errors

F.3.9.1 Check responsive tender offers for arithmetical errors, correcting them in the following manner:

a. Where there is a discrepancy between the amounts in figures and in words, the amount in figures shall govern.

b. If bills of quantities (or schedule of quantities or schedule of rates) apply and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the rate shall govern and the total shall be corrected.

c. Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the rate shall govern and the tenderer will be asked to revise selected item prices to achieve the tendered total of the prices.

F.3.9.2 Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of his/ her arithmetical errors in the manner described in F.3.9.1.

F.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

F.3.11 EVALUATION METHODOLOGY

a. In addition to all items highlighted under Page 2 titled **"Very Important Notice on Disqualifications",** the tenders will be evaluated in terms of the Municipality Supply Chain Management policy, Preferential Procurement Framework Act (Act 5 of 2000) and its regulations as enacted in 2001.
b. Tenders will be evaluated using the 80/20 points allocation system. The total points out of a possible maximum of 100 will be calculated using various formulae to calculate price as well as for preferential procurement.

F.3.13 Acceptance of tender offer

F.3.13.1 Accept tender offer only if the tenderer complies with the legal requirements stated in the Tender Data.

F.3.13.2 Notify the successful tenderer of the employer's acceptance of his/her tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data, or agreed additional period. Providing the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the employer and the successful tenderer as described in the form of offer and acceptance.

F.3.14 Notice to unsuccessful tenderers

After the successful tenderer has acknowledged the employer's notice of acceptance, the employer will publicise a list of successful bidders on the municipal website

F.3.14 **Municipality's right to accept or reject any or all Bids**

The municipality reserves the right to:

- Accept or reject any bid;
- Annul the tender process and reject all bids at any time prior to contract award;
- Award the contract to one or more bidders; without thereby incurring any liability to the affected Bidder or bidders.
- Accept one or more bids submissions.
- Reject all bids submitted.
- Request further information from any bidder after the closing date.
- Cancel this bid or any part thereof any time, or
- Award this bid or any part thereof to any one or more bidders.
- Vary the site or number of sites and/or guards due to operational or budgetary requirements.

F.3.15. Prepare contract documents

Revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- **addenda issued during the tender period,**
- **inclusion of the returnable documents,**
- **other revisions agreed between the employer and the successful tenderer, and**
- **the schedule of deviations attached to the form of offer and acceptance, if any.**

F.3.16 Issue final contract

Prepare and issue the final draft of contract documents to the successful tenderer for acceptance within fourteen (14) days after the date of the employer's signing of the form of offer and acceptance (including the schedule of deviations, if any). Only those documents that the conditions of tender require the tenderer to submit, after acceptance by the employer, shall be included.

F.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

3. **List of attachments required for Evaluation Purposes**

a. Proof of registration on Central Supplier Database [Last verified between the **date of advert** and the **closing date**] detailing all compliance requirements of the Bidder;

b. SARS Pin to be attached – the Municipality will be verifying the tax status of the bidder on evaluation before the award.

c. Evidence (municipal account statement) that the municipal rates and taxes or municipal charges owed by the bidder or any of its directors to the municipality or municipal entity, or to any other municipality or municipal entity, are not in arrears for more than three months, in terms of lease agreement, proof that Municipal charges owed on the premises are not in arrears for more than 90 days must be attached, lease agreement alone will not be accepted,

d. CIDB Grading – 7 CE or higher class of construction work.

e. Attach latest complete set of Audited Financial Statements (AFS) , independently prepared and signed off by a registered Auditor or Accounting officer in good standing with a recognised professional regulatory body (e.g. IRBA, SAICA, or CIPA / relevant statutory professional board)

f. Prospective bidder must comply with any related legislation.

g. Submit the above documents (a to e) for each company if bidding as a joint venture

h. Joint venture, consortium agreements (if applicable).

i. Attach latest complete set of Audited Financial Statements (AFS) , independently prepared and signed off by a registered Auditor or Accounting officer in good standing with a recognised professional regulatory body (e.g. IRBA, SAICA, or CIPA / relevant statutory professional board)

j. the Tenderer has not:

(i) abused the Employer's Supply Chain Management System; or

(ii) failed to perform on any previous contract and has been given a written notice to this effect;

Note: Failure to attach the above documents will lead to automatic disqualification from further evaluation

REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAMENG (BULTFOTEIN)S

3. EVALUATION METHODOLOGY

Stages of Evaluation

- Guidelines for Evaluation using the Points method

a. Score sheets will be prepared and provided to evaluation committee members to evaluate the bids.
b. The score sheet should contain all the criteria for points as well as the values to be applied for evaluation as indicated in the bid documents.
c. Each evaluation Committee member should after thorough evaluation independently award his / her own value to each individual points.
d. Score sheets should be signed by evaluation committee members and if necessary, written motivation may be requested from evaluation committee members where vast discrepancies in the values awarded for each point exist.
e. If the minimum qualifying score for functionality is indicated as points in the bid documents, the points scored for functionality may be calculated as follows:
i. The scores for each point should be added to obtain the total score; and
ii. The following formula should be used for the total score for functionality:

Ps = Points

Stage 1: Evaluation on functionality

Under functionality, Bidders must achieve a minimum of 60 Points of the total points (rounded to the nearest decimal point) for functionality (quality of service) in order to be considered for further evaluation in stage 2 (Evaluation on Price and Specified Goals).

	Max Points	Points Distribution	Typical PoE	Bidder score
Bidders Work Experience	40	**Categories** Projects above R20 million, full points as stated below (depending on number of projects completed). **40 points** – company with 5 – 6 of civil construction projects completed in similar assignments / projects. **30 points** – company with 3 - 4 or more of civil construction projects completed in similar assignments / projects. **10 points** – company with 1 - 2 of civil construction projects completed in similar assignments / projects. **0 points** – company with no relevant project completed.	Provide each project: 1. Appointment Letter or Purchase Order and Reference Letters or signed completion certificate. - The relevant municipal officials will verify the projects to top two bidders by site visits and/or getting confirmation emails from your Clients. If you were sub-contracting, a letter from the main contractor and the client (funding the project) must be submitted.	
Project Personnel	30	Allocated personnel to this project **Contract's Manager** **B.Tech/BSC in Civil Engineering registered with ECSA and SACPCMP (10 points)** 10 points: relevant experience of 10 years or more 5 points: relevant experience of 6 – 9 years 3 points: relevant experience of less than 5 years AND **Site Agent with ND or Higher in Civil Engineering and registered with ECSA**: 10 points: relevant experience of 10 years or more 5 points: relevant experience of 6 – 9 years 3 points: relevant experience of less than 5 years AND **Health and Safety Officer**: Relevant qualification and must be registered with SACPCMP 10 points: experience 5 years or more 5 points: experience of 2 – 4.9 years 2 points: experience of less than 2 years	Provide for each: 1. CV/Resume 2. Certified qualifications	
Financial Capacity	10	Credit rating / bank code of A to E (equivalent to tendered amount not older than 3 months from the closing date) Bank rating A – B = 10 Bank rating C = 8 Bank rating D = 6 Bank rating E = 4 Bank rating F = 0	Bank rating letter	
Reliability and operational capacity	20	Only a letter of intent (LoI) from the supplier and proof of ownership for vehicles will be accepted. 5 points: Letter of intent for the supply of material 15 points: Proof of ownership for 1x Bakkie, 2x TLB, 1x Excavator, 2x Tipper trucks OR Letter of intent for leasing the above NB: Excavator = 5 points Bakkie= 2 point TLB= 2 points x 2 = 4 points Tipper truck= 2 Points x 2= 4 points NB: If the vehicles will be leased, attach letter of Intent to Lease accompanied by an Undertaking by the prospective Lessor with registration certificates.	Signed letter of intent with company letterhead Proof of vehicle registration from the (Only e-NaTIS will serve as a proof of vehicle ownership) **No License disc will be accepted**	
Total Points	**100**	**Minimum point to attain**	**60 points**	

Initial here: _____

Failure to submit all valid/credible documents will result in the bidder not being further evaluated.

Following functionality criteria will be applied:

Stage 2: Evaluation on Price and specified Goals 80/20

2.1 Financial offer and evaluation on price points

- Score Bid evaluation points for financial offer.
- Confirm that Bidders are eligible for the Specific Goals claimed, and if so, score Bid evaluation points for specific Goals.
- Calculate total Bid evaluation points (Price points plus specified goals points)
- Rank Bid offers from the highest number of Bid evaluation points to the lowest.
- The bidder obtaining the highest number of total points will be awarded the contract.
- Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;
- Points scored must be rounded off to the nearest 2 decimal places.
- In the event that two or more bids have scored equal total points, the successful bids must be the one scoring the highest number of preference points for Specific goals Points
- However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for specific Goals, the successful bid must be the one scoring the highest score for functionality.
- Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

2.2 Price formula

$$Np = \frac{80[1 - (Pt - Pmin)]}{Pmin}$$

- Where: Np = the number of bid/tender adjudication points awarded for price.
- Pt = the bid/tender sum (corrected if applicable) of the responsive bid under consideration.
- Pmin = the bid/tender sum (corrected if applicable) of the lowest responsive tender/bid.

2.3 Scoring for Specific Goals

Bids will be evaluated in accordance with the prescripts of the Preferential Procurement Policy Framework Act (PPPFA) and the associated Preferential Procurement Regulations of 2022, which stipulate a 80/20 preference point system for acquisition of goods or services for Rand value equal to or above R30 000 and up to R50 million.

Points for the specific goals for contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race:

Black-owned	Number of points on 80/20 points system	Number of points on 90/10 points system	Required Proof
51-100%Black-owned enterprise	8	3	CSD Report and ID Copy
41-50% Black-owned enterprise	6	2	CSD Report and ID Copy
31-40%Black-owned enterprise	4	1	CSD Report and ID Copy
21-30% Black-owned enterprise	2	0	CSD Report and ID Copy
0-20% Black-owned enterprise	1	0	CSD Report and ID Copy

Points for the specific goals for contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of gender:

Women-owned	Number of points on 80/20 points system	Number of points on 90/10 points system	Required Proof
51-100% Women-owned enterprise	4	3	CSD Report and ID Copy
31-50% Women-owned enterprise	3	1	CSD Report and ID Copy
11-30% Women-owned enterprise	2	1	CSD Report and ID Copy
1-10% Women-owned enterprise	1	1	CSD Report and ID Copy

Initial here: _____

Points for the specific goals for contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of disability:

Disability-owned	Number of points on 80/20 points system	Number of points on 90/10 points system	Required Proof
51-100% Disabled-owned enterprise	4	2	ID Copy, CSD Report and medical certificate
31-50% Disabled-owned enterprise	3	1	ID Copy, CSD Report and medical certificate
11-30% Disabled-owned enterprise	2	1	ID Copy, CSD Report and medical certificate
1-10% Disabled-owned enterprise	1	0	ID Copy, CSD Report and medical certificate

Points for the specific goals for contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of youth:

Youth-owned	Number of points on 80/20 points system	Number of points on 90/10 points system	Required Proof
51-100% Youth-owned enterprise	4	2	CSD Report and ID Copy
31-50% Youth-owned enterprise	3	1	CSD Report and ID Copy
11-30% Youth-owned enterprise	2	1	CSD Report and ID Copy
1-10% Youth-owned enterprise	0	0	CSD Report and ID Copy

PART T2 LIST OF RETURNABLE DOCUMENTS

The bidder must complete the following returnable documents.

T2.1 RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES .....

T2.2 OTHER DOCUMENTS REQUIRED FOR BID EVALUATION PURPOSES .....

T2.3 RETURNABLE SCHEDULES THAT WILL BE INCORPORATED IN THE CONTRACT.....

T2.4 OTHER DOCUMENTS THAT WILL BE INCLUDED IN THE CONTRACT .....

NOTE:

Although the documents under Part T2 is headed “Returnable Documents” in line with the CIDB model, these are not the only documents to be returned together with the bid. **All** the documents indicated on Part T1 must be completed and signed where applicable and submitted as a **complete set of documents**.

T2.1 RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES

CONTENTS

FORM 2.1.1: SCHEDULE OF EQUIPMENTS REQUIRED FOR THE CONTRACT

FORM 2.1.2: SIZE OF ENTERPRISE AND CURRENT WORKLOAD

FORM 2.1.3: PROPOSED KEY PERSONNEL

FORM 2.1.4: SCHEDULE OF PREVIOUS WORK CARRIED OUT BY BIDDER

FORM 2.1.5: AUTHORITY FOR SIGNATORY

FORM 2.1.6: SCHEDULE OF PROPOSED SUB-CONTRACTORS

FORM 2.1.7: FINANCIAL REFERENCES

FORM 2.1.8 DETAILS OF ALTERNATIVE BIDS SUBMITTED

FORM 2.1.9 AMENDMENTS & QUALIFICATIONS BY BIDDER

FORM 2.1 SCHEDULE OF EQUIPMENTS REQUIRED FOR THE CONTRACT

FORM 2.1.1 SIZE OF ENTERPRISE AND CURRENT WORKLOAD

[please attach Annual report for the Previous financial year]

a) Total Turnover in the previous financial year? R_____

b) Estimated turnover for current financial year? R_____

Physical facilities: Provide information on Company offices/Premises

Description	Address	Area (m^2)

List current contracts and obligations [maximum]:

Description	Location	Value (R)	Start date	Expected completion date

FORM 2.1.2 PROPOSED KEY PERSONNEL

The Bidder shall list below the key personnel (including first nominee and the second-choice alternate), whom he proposes to employ on the project should his Bid be accepted, both at his headquarters and on the Site, to direct and for the execution of the work, together with their qualifications, experience, positions held and their nationalities.

DESIGNATION	INITIALS & SURNAME	HIGHEST QUALIFICATION	EXPERIENCE [NO OF YEARS]
HEADQUARTERS Partner/director			
Project Manager (s)			

FORM 2.1.3 SCHEDULE OF PREVIOUS WORK CARRIED OUT BY BIDDER

Provide the following information on **relevant previous experience [Security sector].** Indicate comparable projects of similar or larger size. This information is material to the award of the Contract.

Give names and telephone numbers and e-mail address per reference. Please provide latest contact details.

CLIENT NAME AND PLACE WHERE PROJECT WASIMPLEMENTED	TEL NO, FAX NO, EMAIL	DESCRIPTION OF WORK	CONTRACT VALUE (R)	CONTRACT PERIOD
	_____ _____ _____			
	_____ _____ _____			

	_____ _____ _____			
	_____ _____ _____			
	_____ _____ _____			

FORM 2.1.4 AUTHORITY FOR SIGNATORY

All signatories**, including sole proprietors**, shall confirm their authority by **attaching to this bid** a duly signed and **dated original or certified copy** of the relevant resolution of their members or their board of directors, as the case may be.

FORM 2.1.5 SCHEDULE OF PROPOSED SUB-CONTRACTORS (PLEASE WRITE N/A IF NO SUBCONTRACTOR WILL BE USED)

Provide details on all sub-contractors you intend utilising for this contract

Type of work to be used for	a % of contract	Name of subcontractor	b % HDI ownership	c = a x b Total contribution to HDI ownership
Total % of contract subcontracted		Total contribution of HDI ownership:		

FORM 2.1.6 FINANCIAL REFERENCES

FINANCIAL STATEMENTS (delete which is not applicable)

I/We _____ (name of authorized representative

Confirm that we have attached a three (3) year audited copy of financial statements together with my/our Directors' and Auditors' report.

DETAILS OF BIDDING ENTITY'S BANK

If the bidder is a Joint Venture or partnership, the information requested below is required for each member / partner.

I/ We hereby authorise the Employer to approach all or any of the following banks for the purposes of obtaining a financial reference:

DESCRIPTION OF BANK DETAIL	BANK DETAILS APPLICABLE TO BIDDER
Name of bank	
Contact person	
Branch name & code	
Street address	
Bank Telephone number	( )
Account number	
Type of account, (i.e. cheque account)	

Attach Bank letter with Company Bank Rating

FORM 2.1.7 DETAILS OF ALTERNATIVE BIDS SUBMITTED

See condition of bid.

DESCRIPTION

FORM 2.1.8 AMENDMENTS AND QUALIFICATIONS BY BIDDER

See condition of bid
Attach additional information on a separate sheets and initial all of them

PAGE	DESCRIPTION

T2.2 OTHER DOCUMENTS REQUIRED FOR BID EVALUATION PURPOSES

CONTENTS

FORM 2.2.1 DECLARATION

FORM 2.2.2 DECLARATION OF INTEREST

FORM 2.2.3 CERTIFICATION

FORM 2.2.4 MBD 9

FORM 2.2.1 DECLARATION:

I/ We, the undersigned:

(a) Bid to provide to Replacement of old asbestos pipeline and accompanying appurtenances in Phameng (Bultfotein) at all municipal premises/facilities described both in this and the other Schedules to this Contract to which I shall annex my signature;
(b) Agree that we will be bound by the specifications, prices, terms and conditions stipulated in those Schedules attached to this bid document, regarding execution of duties;
(c) Further agree to be bound by those conditions, set out in, “PARTS T1; T2; C1; C2; and C3”, attached hereto, should this bid be accepted;
(d) Confirm that this bid may only be accepted by Tswelopele Local Municipality by way of a duly authorised Letter of Acceptance within fourteen (14) days from the date of appointment;
(e) Declare that we are fully acquainted with the Bid document and Schedules and the contents thereof and that we have signed the Bill of Quantities and completed the Returnable Schedules and declarations, attached hereto;
(f) Declare that all amendments to the bid document have been initialled by the relevant authorised person and that the document constitutes a proper contract between TLM and the undersigned;
(g) Certify that the item/s mentioned in the bid document, qualifies/qualify for the preference(s) shown.
(h) Acknowledge that the information furnished is true and correct;
(i) Accept that in the event of the contract being awarded as a result of preference claimed in this bid document, I may be required to furnish documentary proof to the satisfaction of TLM that the claims are correct. If the claims are found to be inflated, TLM may in addition to any other remedy it may have, recover from the company or me all costs, losses or damages incurred or sustained by TLM as a result of the award of the contract and/or cancel the contract and claim any damages which TLM may suffer by having to make less favourable arrangements after such cancellation;
(j) Declare that no municipal rates and taxes or municipal service charges owed by the bidder or any of its directors to the municipality, or to any other municipality or municipal entity, are in arrears for more than three (3) months; and
(k) Declare that I have not failed to perform satisfactorily during the last five (5) years on a previous contract with the Municipality, Municipal entity or any other organ of state, after written notice was given to me that my performance was not satisfactory.

Signed at_____ on this_____ day of_____20_____

Authorised Signature: _____

Name of Bidding Entity:_____

Date: _____

Sign as witness: _____

FORM 2.2.2 DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state including in instances of non-directors of the entity and also those who may be sub-contracting.
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 and/or take an oath declaring his/her interest.

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

Full Name: _____

Identity Number: _____

Tax Number: _____

VAT Number: _____

3.1 Are you presently in the service of the state **YES / NO _____**

If yes, furnish particulars _____

3.2 Have you been in the service of the state for the past twelve (12) months? **YES /NO**

If yes, furnish particulars _____

_____

3.3 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**

If yes, furnish particulars _____

 SCM 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.

_____

3.4 **Are any of the company’s directors, managers, shareholders or stakeholders in service of the state? YES / NO**

If yes, furnish particulars _____

3.5 Are any spouse, child or parent of the company’s directors, managers, principal shareholders or stakeholders in service of the state? **YES / NO**

If yes, furnish particulars _____

FORM 2.2.3 CERTIFICATION

I, THE UNDERSIGNED (NAME) _____ CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT. THAT ANY MISREPRESENTATION OF

INFORMATION MAY LEAD TO IMMEDIATE CANCELLATION OF THE AGREEMENT.

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

SHOULD THE INFORMATION REQUIRED ON THIS FORM NOT DULY BE SUPPLIED, THIS BID WILL BE AUTOMATICALLY REJECTED.

_____ _____
Signature Date

_____ _____
Company Name Position

MBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

---

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

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

1.2 **To be completed by the organ of state** (*delete whichever is not applicable for this tender*).

~~a) The applicable preference point system for this tender is the 90/10 preference point system.~~
b) The applicable preference point system for this tender is the 80/20 preference point system.
~~c) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.~~

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

(a) Price; and

(b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

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

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

(a) **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

(b) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

(c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

(d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

(e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20 **or** **90/10**

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

80/20 **or** **90/10**

$$Ps = 80\left(1 + \frac{Pt - P\,max}{P\,max}\right) \text{ or } \qquad Ps = 90\left(1 + \frac{Pt - P\,max}{Pmax}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm…….

4.4. Company registration number: ……...

4.5. TYPE OF COMPANY/ FIRM

- □ Partnership/Joint Venture / Consortium
- □ One-person business/sole propriety
- □ Close corporation
- □ Public Company
- □ Personal Liability Company
- □ (Pty) Limited
- □ Non-Profit Company
- □ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering process;

(b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;

(c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

(d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and forward the matter for criminal prosecution, if deemed necessary.

SIGNATURE(S) OF TENDERER(S): ……

SURNAME AND NAME: ……

DATE: ……

ADDRESS: ……

……

……

MBD 8

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

1 This Standard Bidding Document must form part of all bids invited.

2 It 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 bid of any bidder may be disregarded if that bidder, or any of its directors have-

a. abused the institution's supply chain management system;
b. committed fraud or any other improper conduct in relation to such system; or
c. failed to perform on any previous contract.

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 *audi alteram partem* rule was applied).** The Database of Restricted Suppliers now resides on the National Treasury's website(**www.treasury.gov.za**) and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? **The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.**	Yes ☐	No ☐
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court 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:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME) ……
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.

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

……...	**……..**
Signature	**Date**
……	**……..**
Position	**Name of Bidder**

FORM 2.2.4 CERTIFICATE OF INDEPENDENT BID DETERMINATION

a) This Municipal Bidding Document (MBD) must form part of all bids[1] invited.
b) Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).[2] Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
c) Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
    i. Disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
    ii. Cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
d) This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid rigging.
e) In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

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

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

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: TSWELOPELE LOCAL MUNICIPALITY

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

I certify, on behalf of

_____

(Name of Bidder)

that:

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:

- has been requested to submit a bid in response to this bid invitation;
- could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
- 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 consortium[3] 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 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.

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

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**
_____	_____
Company Name	**Position**

T2.3 RETURNABLE SCHEDULES THAT WILL BE INCORPORATED IN THE CONTRACT

FORM 2.3.1 RECORD OF ADDENDA TO BID DOCUMENTS

We confirm that the following communications received from the Procuring Department before the submission of this bid offer, amending the bid documents, have been taken into account in this bid offer:

	Date	Title or Details
1		
2		
3		
4		
5		

Attach additional pages if more space is required.

Signature of Authorized person: _____ Date:_____

Name of authorized person:_____ Position: _____

TSWELOPELE
LOCAL MUNICIPALITY
A MUNICIPALITY IN PROGRESS

PART C1 PRICING DATA

C1.1 PRICING INSTRUCTIONS

C1.2 SCOPE OF WORKS AND PROJECT LOCATION

C1.3 BILL OF QUANTITIES

C1.4 PRICING STRUCTURE

C1.1 PRICING INSTRUCTIONS

1 The General Conditions of Contract, the Contract Data, the Specifications (including the Project Specifications) and the Drawings shall be read in conjunction with the Bill of Quantities.

2 The Bill comprises items covering the Contractor's profit and costs of general liabilities and of the construction of Temporary and Permanent Works.

Although the Bidder is at liberty to insert a rate of his own choosing for each item in the Bill, he should note the fact that the Contractor is entitled, under various circumstances, to payment for additional work carried out.

Clause 8 of each Standardized Specification, and the measurement and payment clause of each Particular Specification, read together with the relevant clauses of the Project Specifications, all set out which ancillary or associated activities are included in the rates for the specified operations.

3 Descriptions in the Bill of Quantities are abbreviated and may differ from those in the Standardized and Project Specifications. No consideration will be given to any claim by the Company submitted on such a basis. Should any requirement of the measurement and payment clause of the appropriate Standardized or Project Specification(s) be contrary to the terms of the Bill the requirement of the appropriate Standardized, Project, or Particular Specification as the case may be, shall prevail.

4 Unless stated to the contrary, items are measured net in accordance with the sites without any allowance having been made for waste.

5 The amounts and rates to be inserted in the Bill of Quantities shall be the full inclusive amounts to the Employer for the work described under the several items. Such amounts shall cover all the costs and expenses that may be required in and for the provision of Security services in identified sites, and shall cover the costs of all general risks, profits, taxes (but excluding value-added tax), liabilities and obligations set forth or implied in the documents on which the Bid is based.

6 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.

7 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" appear in the amount column. Although no work is foreseen under these items and no quantities are consequently given in the quantity column, the stated rates shall apply should work under these items actually be required.

Should the Bidder group a number of items together and bid one sum for such group of items, the single stated sum shall apply to that group of items and not to each individual item, or should he indicate against any item that full compensation
for such item has been included in another item, the rate for the item included in another item shall be deemed to be nil.

The stated rates, prices and sums shall, subject only to the provisions of the Conditions of Contract, remain valid irrespective of any change in the quantities during the execution of the Contract.

Rates quoted are fixed and quoted in ZAR currency; and shall not in any way be affected by rand/dollar exchange rate or any currency.

8 The quantities of work as measured and accepted and certified for payment in accordance with the Conditions of Contract, and not the quantities stated in the Bill of Quantities, will be used to determine payments to the Contractor. The validity of the Contract shall in no way be affected by differences between the quantities in the Bill of Quantities and the quantities certified for payment.

9 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. Should be quoted in ZAR currency only
Amount	:	The quantity of an item multiplied by the bidder's rate of the (same) item. Should be quoted in ZAR currency only
Sum	:	An amount bidded 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. Should be quoted in ZAR currency only

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

No	=	No
%	=	Percentage
Prov Sum	=	Provisional Sum

C1.2 SCOPE OF WORKS

1.2.1 **Scope of works**

1.2.1.1. Asbestos Decommissioning, Site Preparation and Earthworks.

1.2.1.2. Prepare asbestos work plan, risk assessment, notifications, permits and statutory documentation.

1.2.1.3. Supply and install new 400 mm HDPE PE100 PN16 pipeline parallel to old route, including welding, alignment, jointing, handling, lowering, bedding, testing (Pumpstation 1 to Existing Reservoir - 10 860m)

1.2.1.4. Supply and install new 400 mm HDPE PE100 PN16 pipeline parallel to old route, including welding, alignment, jointing, handling, lowering, bedding, testing (Pumpstation 2 to Raw Water Dam - 12 180m)

1.2.1.5. Supply, fabricate, test, deliver and install various diameter mild steel pipe complete with PN16 flanges welded both ends, fabricated from 12.7 mm wall thickness steel pipe, including full-face EPDM gaskets, M27 galvanized bolts, nuts and washers, coated internally and externally with approved epoxy coating, suitable for operation at 16 bar working pressure.

1.2.1.6. Pipe epoxy spec: Supply, prepare, coat and test all DN400 mild steel pipework. Internal surfaces shall be abrasive blast cleaned to SA 2½ and lined with a solvent-free potable water approved epoxy coating to a minimum dry film thickness of 400 microns. External surfaces shall receive an epoxy coating system comprising zinc-rich primer, high-build epoxy intermediate coat and polyurethane finish coat to a total dry film thickness of not less than 300 microns. Coating system shall comply with SANS, ISO 12944 and AWWA C210 requirements. All coated surfaces shall be holiday tested and repaired where necessary.

1.2.17. Construction of 42 DN400 Air Valve Chambers and Concrete Structural Anchorages,

1.2.1.8. Construction of 2 DN400 Inlet Control Manholes

1.2.1.9. Construction of 11 DN400 Scour Manholes

1.2.1.10. Construction of 2 DN400 Steel Pipe Outlets

1.2.1.11. New 400mm HDPE PE100 PN16 pipe, supply, string, handle, lay and butt-fusion weld (3000meters).

1.2.1.12. Approved pn 16 -400mm control valve, complete with flanges, bolts, gaskets and operating accessories.

1.2.1.13. New 200mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld (1300meters).

1.2.1.14. 200mm pn 16- control valve complete with flanges, bolts, gaskets and accessories.

1.2.1.15. New 150mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld (750meters).

1.2.1.16. 150mm pn 16-control valve complete with flanges, bolts, gaskets and accessories.

1.2.1.17. New 125mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld (2610meters).

1.2.1.18. 125mm pn16-control valve complete with flanges, bolts, gaskets and accessories.
1.2.1.19. New 75mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld (17000meters).
1.2.1.20. 75mm pn 16-control valve complete with fittings and operating accessories.
1.2.1.21. New 100mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld (400m).
1.2.1.22. 100mm pn16-control valve complete with fittings and operating accessories.
1.2.1.23. Sectional hydrostatic pressure testing of pipeline network; test pressure and duration to approved specification (25100m).
1.2.1.24. Flushing, disinfection/chlorination and clean-water sampling/laboratory analysis.
1.2.1.25. Road crossing reinstatement, Utilities, Watercourse Crossings and Special Protection.
1.2.1.26. Pressure test end caps, temporary thrust restraint, gauges, calibrated equipment and test manifolds.
1.2.1.27. Railway/major road authority crossing permits, supervision and inspections.
1.2.1.28. OHS compliance audits, asbestos compliance records and close-out file.
1.2.1.29. Check all special bend angles, reducer orientation, tee dimensions to be confirmed on site.
1.2.1.30. Approved route plan to be confirmed with Engineer on site.

1.2.7 PROJECT LOCATION

– Bultfontein: Tswelopele Local Municipality

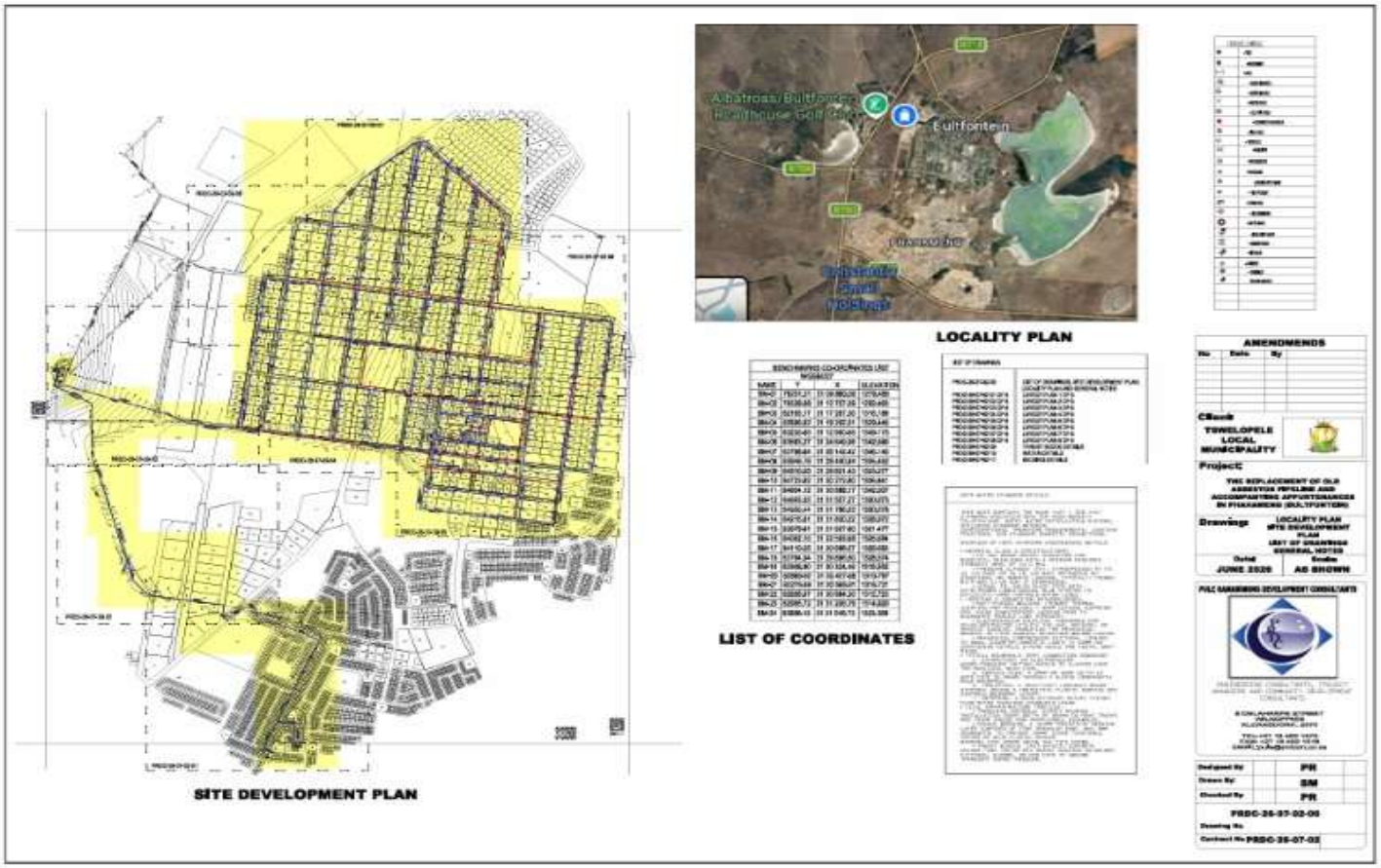
The proposed site is located within the TSWELOPELE Local Municipality in the Free State Province, South Africa.

Site co-ordinates are:

LOCALITY	LONGITUDE	LATITUDE
Builtfontein	26°08′25.4″E	26°16′46.3″S

Locality Plan (Bultfontein)





N.B: It must be noted that TSWELOPELE Municipality has the right to either subtract or add other facilities subsequent to an agreement with the winning service providers during the subsistence of the agreement.

C1.3 Bill of quantities and summary sheet

TSWELOPELE LOCAL MUNICIPALITY
A MUNICIPALITY IN PROGRESS

PROJECT NO. –

REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAHAMENG (BULTFONTEIN)

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 1				
	1200	PRELIMINARY AND GENERAL				
1.1		FIXED CHARGE ITEMS				
1.1.1	A8.3.1	Contractual requirements affecting the Contractor	sum	1		
	A8.3.2	**The Contractor to provide the following items or as amended in the**				
		Tender Document :				
1.1.2	PSAB 3.1	Name board (2 number) as specified in the Tender Document	sum	2		
1.1.3	PSA8.3.2.1	Furnished office for the Engineer's use (see item PSAB3.2 in the document)	sum	1		
1.1.4	PSAB 5.5	Survey assistant as & when required by the Engineer	sum	1		
1.1.5	PSAB 5.6	Survey equipments as & when required by the Engineer	sum	1		
1.1.6	PSAB4	Telephone facilities for the Engineer	Prov	1	50,000.00	
1.1.7	PSAB5.7	Personnel computer & digital camera	Prov	1	150,000.00	
1.1.8	A8.3.2.2a	Offices & storage facilities for the Contractor	sum	1		
1.1.9	A8.3.2.2b	Workshops for the Contractor as required by The Contract	sum	1		
1.1.10	A8.3.2.2d	Living accommodations for the Contractor's personnel	sum	1		
1.1.11	A8.3.2.2e	Ablution & latrine facilities for the Contractor's personnel	sum	1		
1.1.12	A8.3.2.2f	Supply tools & equipments as required by The Contract	sum	1		
1.1.13	A8.3.2.2g	Water, electricity & communications as required by The Contract	sum	1		
		Other obligations by the Contractor :				
1.1.14	A8.3.2.2h	Deal with rain and/or ground water in all type of excavations on site	sum	1		
		as described in SANS 1 200 A section 5.5				
1.1.15	A8.8.1	Establish access road to site where it is necessary	sum	1		
1.1.16	A8.3.3	Fixed charge obligations by the Contractor	sum	1		

1.1.17	A8.3.4	Removal of site establishment	sum	1		
1.2		TIME RELATED ITEMS				
1.2.1	A8.4.1	Contractual requirements on a monthly bases affecting the Contractor	sum	1		
		The Contractor to maintain the following items or as amended in the				
		Tender Document - for the duration of the Contract :				
1.2.2	A8.4.2.2	All facilities on the site for the Engineer & for the Contractor	sum	1		
		Other obligations by the Contractor on a time bases for the duration				
		of the Contract :				
1.2.3	A8.4.3	Full time supervision of the site as specified in the Tender Document	sum	1		
1.2.4	A8.4.4	Company & head office administration costs pertaining to the Contract	sum	1		
1.2.5	A8.4.5	Other time related obligations by the Contractor	sum	1		
1.3		PROVISIONAL SUMS BY THE ENGINEER				
1.3.1	PSA5.10.1	Provisional sum for various tests requested by the Engineer	Prov	1	250,000.00	
1.3.2	PSA5.10.2	Provisional sum for Resident Engineer Accomodation	Prov	1	300,000.00	
1.3.3	A8.8.2	Provision for traffic control as requested by the Engineer	Prov	1	500,000.00	
1.3.4	A8.8.2.1	Subterranean service scanning, detection, trial holes and service protection	Prov	1	250,000.00	
1.3.5	PSA5.10.1	Provisional sum for community involvement/CLO payment	Prov	1	150,000.00	
1.3.6	PSA5.10.2	Provisional sum for two student training	Prov	1	100,000.00	
1.3.7	A8.5b	Contractor's overhead and profit on Item 1.3.	%		1,550,000.00	
TOTAL CARRIED TO SUMMARY						

BOQ PAGE NUMBER 2

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 2				
	1 200	ASBESTOS DECOMMISSIONING, SITE PREPARATION AND EARTHWORKS				
		DRAWING REFERS :				
2.1		SITE CLEARANCE				
2.1.1	DM8.3.2a	Remove vegetation, bushes and trees up to 1 m girth to spoil	m²	36,000		
2.1.2	DM8.3.2a	Remove topsoil to stockpile and maintain	m³	10		
2.2		EARTHWORKS				
2.2.1		Trench excavation in all materials up to 1.5m deep, including shoring/support where required	m³	29,500		
2.2.2		Extra over excavation in hard rock requiring pneumatic/mechanical breaking	m³	4,425		
2.2.3		Extra over excavation in unsuitable/wet material, including pumping/dewatering	m³	3,319		
2.2.4		Trench support, shoring, trench boxes, safe access/egress and daily inspections	m³	10,000		
2.2.5		Dewatering of trenches and disposal of pumped water to approved location	Sum	1		
2.2.6		Temporary stockpiling, loading, haulage and disposal of surplus ordinary excavated material	m³	1,080		
2.2.7		Selected granular bedding/cradling material, supply, place and compact	m³	7,200		
2.2.8		Selected granular pipe surround/initial backfill to specified cover above crown	m³	443		
2.2.9		Approved excavated/selected material backfill in layers, moisture condition and compact	m³	22,125		
2.2.10		Imported G5/G7 or other specified backfill where excavated material is unsuitable	m³	4,425		
2.2.11		Compaction testing of trench backfill and road layers	No	180		
2.3		[ASBESTOS DECOMMISSIONING – HAZARDOUS MATERIALS]				

2.3.1		Prepare asbestos work plan, risk assessment, notifications, permits and statutory documentation	Sum	1		
2.3.2		Asbestos exposure monitoring, air monitoring and occupational hygiene reports as required	Sum	1		
2.3.3		Safe handling, extraction and dismantling of existing asbestos pipeline by authorised competent personnel	m	247		
2.3.4		Wet methods, controlled work area, barricading, warning signs and decontamination facilities	Sum	1		
2.3.5		Packaging, sealing, labelling and temporary secure storage of asbestos waste	t	5		
2.3.6		Licensed transport/haulage of asbestos waste to authorised hazardous waste facility	t	5		
2.3.7		Disposal at registered/licensed hazardous waste landfill; weighbridge and disposal certificates	t	5		
2.3.8		Final asbestos work area clearance, cleaning and clearance documentation	Sum	1.00		
2.3.9		Decontamination and disposal of contaminated PPE/consumables	Sum	1.00		
2.4		DEALING WITH EXISTING SERVICES				
2.4.1	D8.3.8	Electrical cables crossing the new surfaces	no	100		
2.4.2	D8.3.8	Non optic post office cables and pipes crossing the new surfaces	no	100		
2.4.3	D8.3.8	Main water pipes crossing the new surfaces	no	50		
2.4.4	D8.3.8	Main sewer pipes crossing the new surfaces	no	50		
2.4.5	D8.3.8	Other services not specified effecting the construction	no	100		
TOTAL CARRIED TO SUMMARY						

BOQ PAGE NUMBER 3

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 3				
	1 200	NEW PIPELINE INFRASTRUCTURE, HDPE PIPEWORK AND APPURTENANCES				
		DRAWING REFERS :				
3.1		[SECTION A – 400MM PIPELINE]				
3.1.1		New 400mm HDPE PE100 PN16 pipe, supply, string, handle, lay and butt-fusion weld	m	3,500		
3.1.3		Approved pn 16 -400mm control valve, complete with flanges, bolts, gaskets and operating accessories	ea	5		
3.1.4		400 x 400 x 200 equal/reducing flanged tee	ea	5		
3.1.5		400mm VJ or approved dismantling/adaptor coupling to existing AC pipeline	ea	5.00		
3.1.6		400mm steel 90-degree flanged bend	ea	5.00		
3.1.7		[Section A – 400mm pipeline] 400mm steel 45-degree flanged bend	ea	2		
3.1.8		Thrust block assemblies at changes of direction/tees/valves, complete	m³	418		
3.1.9		Complete manhole/chamber including setting out, excavation and formwork all to chamber details provided	no	120		
3.2		[SECTION A – 400MM PIPELINE SPECIAL FITTINGS]				
3.2.1		Extra over for fabricated/special 400mm bend, 160 degrees, including flanges and coating	ea	1		
3.2.2		Extra over for fabricated/special 400mm bend, 127 degrees, including flanges and coating	ea	1		
3.2.3		Extra over for fabricated/special 400mm bend, 148 degrees, including flanges and coating	ea	1		
3.2.4		Extra over for fabricated/special 400mm bend, 171 degrees, including flanges and coating	ea	1		
3.2.5		Extra over for fabricated/special 400mm bend, 150 degrees, including flanges and coating	ea	1		
3.2.6		Extra over for fabricated/special 400mm bend, 170 degrees, including flanges and coating	ea	1		
3.2.7		Extra over for fabricated/special 400mm bend, 173 degrees, including flanges and coating	ea	1		
3.2.8		Extra over for fabricated/special 400mm bend, 164 degrees, including flanges and coating	ea	1		

3.2.9		Extra over for fabricated/special 400mm bend, 172 degrees, including flanges and coating	ea	1		
3.2.10		Extra over for fabricated/special 400mm bend, 115 degrees, including flanges and coating	ea	1		
3.2.11		Extra over for fabricated/special 400mm bend, 117 degrees, including flanges and coating	ea	1		
3.2.12		Extra over for fabricated/special 400mm bend, 160 degrees, including flanges and coating	ea	1		
3.3		[SECTION A – 400MM PIPELINE]				
3.3.1		Abandon, cap and make safe redundant ac pipeline connections, including fittings and restraint	Sum	1		
3.3.2		Provisional allowance for additional 400mm fittings/accessories not otherwise measured	ea	10		
3.4		[B – 200MM PIPELINE]				
3.4.1		New 200mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld	m	1,400		
3.4.2		200mm pn 16- control valve complete with flanges, bolts, gaskets and accessories	ea	2		
3.4.3		200mm VJ/approved coupling or adaptor	ea	3		
3.4.4		200mm steel 90-degree bend	ea	2		
3.4.5		200mm special bend 162 degrees	ea	1		
3.4.6		200mm special bend 157 degrees	ea	1		
3.4.7		200mm special bend 168 degrees	ea	1		
3.4.8		Other 200mm special bends – provisional sum	pc sum	1	50,000	
3.4.9		200 x 200 x 150mm equal/reducing tee	ea	1		
3.4.10		200mm special bend 168 degrees – second location	ea	1		
3.4.11		200mm special bend 157 degrees – second location	ea	1		
3.4.12		200 x 150mm reducer	ea	1		
3.4.13		200 x 125mm reducer	ea	1		
3.5		[C – 150MM PIPELINE]				
3.5.1		New 150mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld	m	850		
3.5.2		150mm pn 16-control valve complete with flanges, bolts, gaskets and accessories	ea	2		
3.5.3		150mm VJ/approved coupling or adaptor	ea	2		
3.5.4		150mm steel 90-degree bend	ea	1		
3.5.5		Other 150mm special bends – provisional allowance	pc sum	1	45,000	

3.5.6		150 x 150 x 75mm tee	ea	1		
3.5.7		150mm special bend – provisional allowance	pc sum	1	45,000	
3.5.8		125 x 150mm reducer (confirm orientation)	ea	1		
3.5.9		150 x 25mm female saddle/service connection	ea	20		
3.6		[D – 125MM PIPELINE]				
3.6.1		New 125mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld	m	2,810		
3.6.2		125mm pn16-control valve complete with flanges, bolts, gaskets and accessories	ea	34		
3.6.3		125mm VJ/approved coupling or adaptor	ea	3		
3.6.4		125mm steel 90-degree bend	ea	2		
3.6.5		Other 125mm special bends – provisional allowance	pc sum	1	45,000	
3.6.6		125 x 125 x 75mm tee	ea	30		
3.6.7		125mm special bend – provisional allowance	pc sum	1	45,000	
3.6.8		125 x 150mm reducer (confirm orientation)	ea	1		
3.6.9		125 x 25mm female saddle/service connection	ea	46		
3.7		[E – 75MM PIPELINE]				
3.7.1		New 75mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld	m	18,500		
3.7.2		75mm pn 16-control valve complete with fittings and operating accessories	ea	74		
3.7.3		75mm VJ/approved coupling or adaptor	ea	2		
3.7.4		75mm steel 90-degree bend	ea	21		
3.7.5		Other 75mm special bends – provisional allowance	pc sum	1	40,000	
3.7.6		75 x 75 x 75mm equal tee	ea	80		
3.7.7		75mm special bends – provisional allowance	pc sum	1	40,000	
3.7.8		75 x 25mm reducer	ea	1		
3.7.9		75 x 25mm female saddle/service connection	ea	330		
3.7.10		75mm bend 125 degrees	ea	1		
3.7.11		75mm bend 128 degrees	ea	2		
3.7.12		75mm bend 166 degrees	ea	1		
3.7.13		75mm bend 146 degrees	ea	1		
3.7.14		75mm bend 135 degrees	ea	1		
3.7.15		75mm bend 161 degrees	ea	1		
3.7.16		75mm bend 145 degrees	ea	1		

3.8		[F — 100mm pipeline]				
3.8.1		New 100mm HDPE PE100 PN16 pipe, supply, lay and butt-fusion weld	m	500		
3.8.2		100mm pn16-control valve complete with fittings and operating accessories	ea	3		
3.8.3		100mm VJ/approved coupling or adaptor	ea	2		
3.8.4		100mm steel 90-degree bend	ea	1		
3.8.5		Other 100mm special bends – provisional allowance	pc sum	1	35,000	
3.8.6		100 x 100 x 75mm tee	ea	4		
3.8.7		100mm special bend (original schedule states 125mm – verify size)	ea	1		
3.8.8		100 x 150mm reducer (original schedule states 125–150mm – verify)	ea	1		
3.8.9		100 x 25mm female saddle/service connection	ea	12		
3.9		[Section G — Common pipeline fittings and accessories]				
3.9.1		All flange adaptors, stub ends, backing rings and loose flanges to suit HDPE/steel transitions	sum	1		
3.9.2		Full-bore dismantling joints at valves and equipment interfaces	sum	1		
3.9.3		Flange gasket sets, bolts, nuts and washers, corrosion-protected	sum	1		
3.9.4		HDPE electrofusion couplers/reducers/saddles where butt fusion is impractical	sum	1		
3.9.5		Fabricated specials, spool pieces and transition pieces, measured by approved schedule	kg	7,500		
3.9.6		Valve spindle extensions, extension caps and surface operating keys	ea	120		
3.9.7		Air-release valve assemblies at high points, including isolating valve and chamber	ea	12		
3.9.8		Scour/washout assemblies at low points, including isolating valve and discharge arrangement	ea	10		
3.9.9		Pressure reducing/sustaining or non-return valve assemblies if indicated on approved design	ea	2		
3.9.10		Fire hydrant/washout/service take-off assemblies, where shown on approved drawings	ea	25		
3.9.11		Service connection pipework from main to property boundary/meter position	No	408		
3.9.12		Water meters, meter boxes and stop taps where included in project scope	No	408		
3.9.13		Temporary end caps, plugs and restrained test ends	ea	44		
3.9.14		Pipe identification tape/marker mesh installed above pipeline	m	27,060		
3.9.15		Concrete/marker posts and route/chainage identification plates	ea	120		
3.9.16		Tracer wire and test points for non-metallic pipeline location	m	27,060		

3.9.17		Pipe supports, anchor clamps and restraint assemblies at exposed sections	ea	292		
3.9.18		Corrosion protection/coating and wrapping of buried steel fittings and flanges	m²	200		
3.9.19		Tie-ins to existing live mains, including shutdown coordination and controlled cut-in	ea	20		
3.9.20		Temporary bypass pipework, pumps and connections to maintain supply during tie-ins	Sum	1		
TOTAL CARRIED TO SUMMARY						

BOQ PAGE NUMBER 4

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 4				
	1 200	CONCRETE STRUCTURAL ANCHORAGES AND VALVE CHAMBERS				
		DRAWING REFERS :				
4.1		CONCRETE STRUCTURAL ANCHORAGES AND VALVE CHAMBERS				
4.1.1		Reinforced concrete thrust/anchor blocks at bends, tees, reducers and dead ends; concrete grade and dimensions to engineer's detail	m³	85		
4.1.2		Brickwork/precast reinforced concrete valve chambers, complete including excavation and construction	ea	120		
4.1.3		Heavy-duty cast iron surface boxes, covers and frames	ea	120		
4.1.4		Reinforcement steel, cutting, bending, placing, tying and cover blocks for chambers/thrust blocks	t	9.00		
4.1.5		Formwork, striking and making good to concrete structures	m²	400		
4.1.6		Concrete blinding below chambers and thrust blocks	m³	36.00		
4.1.7		Precast or cast in-situ chamber bases, walls and roof slabs	m³	85.00		
4.1.8		Chamber access steps/ladder, galvanised or approved corrosion-resistant	No	120		
4.1.9		Sump, drainage layer and drain connection within valve chambers	No	120		
4.1.10		Waterproofing/sealing of chamber walls and penetrations	m²	185		
4.1.11		Sealing collars and puddle flanges at pipe penetrations	ea	240		
4.1.12		Chamber identification plates and valve direction/number labels	ea	120		
4.1.13		Concrete surrounds/encasement where specifically required by drawings	m³	18		
4.1.14		Reinforced concrete protection slabs at shallow cover/road crossings where designed	m³	45		
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 5				
	1 200	HYDRAULIC COMMISSIONING AND INFRASTRUCTURE REINSTATEMENT				
		DRAWING REFERS :				
5.1		[HYDRAULIC COMMISSIONING AND INFRASTRUCTURE REINSTATEMENT]				
5.1.1		Sectional hydrostatic pressure testing of pipeline network; test pressure and duration to approved specification	m	27,060		
5.1.2		Flushing, disinfection/chlorination and clean-water sampling/laboratory analysis	m	27,060		
5,1,3		Asphalt street crossing pavement reinstatement and structural layer patches	m²	1,200		
5.1.4		Topsoiling, final trimming, profiling and hydroseeding/landscape reinstatement	m²	36,000		
5.1.5		Pre-commissioning inspections, weld traceability, fusion logs and joint register	Sum	1		
5.1.6		HDPE butt-fusion operator, machine calibration and weld testing/inspection records	Sum	1		
5.1.7		Pressure test end caps, temporary thrust restraint, gauges, calibrated equipment and test manifolds	Sum	1		
5.1.8		Repair of leaks/defects identified during testing and repeat testing	Sum	1		
5.1.9		Water quality tests and certification by approved laboratory	No			
5.1.10		Final connection, controlled charging, air purging and operational commissioning	Sum	1		
5.1.11		Valve operation, functional checks and commissioning register	No	120		
5.1.12		Road crossing reinstatement including subbase/base layers and compaction	m²	600		
5.1.13		Gravel road/driveway reinstatement to pre-construction condition	m²	450		
5.1.14		Kerb, channel, sidewalk, paving and concrete surface reinstatement	m²	185		
5.1.15		Fence, gate, wall, culvert and other affected property reinstatement	Sum	1		
5.1.16		Final removal of surplus material, temporary works and construction waste	Sum	1		
5.1.17		Final site clean-up, demobilisation and handover	Sum	1		
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 6				
	1 200	CROSSINGS, SLEEVES AND SPECIAL PROTECTION				
		DRAWING REFERS :				
7.1		CROSSINGS, SLEEVES AND SPECIAL PROTECTION				
7.1.1		Road crossing by open-cut method, including saw-cutting, excavation, pipe installation and reinstatement	No	180		
7.1.2		Road crossing by trenchless method (bore/jack), including launch/receiving pits and sleeves	No	10		Rate Only
7.1.3		Supply and install protective sleeve/casing pipe at road/rail/culvert crossings	m	80		
7.1.4		Utility crossing protection and hand excavation around live services	No	50		
7.1.5		Railway/major road authority crossing permits, supervision and inspections	Sum	1		
7.1.6		River, stream, drainage channel or culvert crossing protection/installation	No	50		
7.1.7		Concrete encasement and reinforcement to crossing sleeves where designed	m³	12		
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	SANS Ref	Unit	QTY	Rate	Amount Rands.cents
	SANS	SCHEDULE 7					
	1 200	PORTION 1 – (REVISED FOR IN-SITU ALIGNMENT)					
		DRAWING REFERS :					
7.1		PORTION 1 – (REVISED FOR IN-SITU ALIGNMENT)					
		SECTION LB – EARTHWORKS (SANS 1200 LB)					
7.1.1		Survey, setting out, trial holes, locating existing 200 mm AC pipeline to maintain dynamic in-situ clearances	LB	km	11.86		
7.1.2		Trench excavation in soil to 2.2 m depth, including trimming, shaping, maintaining trench stability	LB	m3	25,892.00		
7.1.3		Removal of surplus excavated material to spoil within 5 km	LB	m3	5,000.00		
7.1.4		Imported granular bedding 100 mm thick below pipe, compacted	LB	m3	1,086.00		
7.1.5		Selected granular blanket 300 mm above pipe crown	LB	m3	3,258.00		
7.1.6		Backfill and compact trench to 93 percent Mod AASHTO using selected material	LB	m3	20,506.00		
7.1.7		Construct 600 mm stormwater concrete pipe 75D	m	150	714.91		
7.1.8		Allow for inlet stormwater manhole with wingwalls	1	1	10,000.00		
7.1.9		Allow for outlet wingwall with stonepitching at daylight	1	1	12,000.00		
7.1.10		Allow for stormwater junction manhole	2	2	12,000.00		
7.1.11		Allow for grating mesh at pipe inlet and outlet for safety	2	2	2,800.00		
7.2		SECTION SPECIAL – ASBESTOS PIPE REMOVAL (OMITTED / IN-SITU PRESERVATION)					
7.2.1		OMITTED - Removal of existing 200 mm asbestos cement pipeline including wet-method removal, containment, double-bagging, hazardous waste labelling, transport to licensed facility, disposal certificates (PIPELINE TO REMAIN IN-SITU) Handling amount	Special	LS	1.00	250,000.00	250,000.00
7.3		SECTION L – PIPEWORK (SANS 1200 L)					

7.3.1		Supply and install new 400 mm HDPE PE100 PN16 pipeline parallel to old route, including welding, alignment, jointing, handling, lowering, bedding, testing	L	m	11,860.00		
7.3.2		Concrete thrust blocks and anchor blocks including excavation, formwork, reinforcement, casting, curing	DB	m3	60.00		
7.4		SECTION DB – CONCRETE CHAMBERS (SANS 1200 DB)					
7.4.1		Reinforced concrete valve/instrument chambers including excavation, RC walls, RC base slab, RC roof slab, reinforcement, formwork, curing	DB	No	6.00		
7.4.2		Chamber fittings including manhole covers, access ladders, ventilation pipes, kick plinths	DB	Item	6.00		
7.5		SECTION ME – MECHANICAL EQUIPMENT (SANS 1200 ME)					
7.5.1		DN400 dismantling joints including installation	ME	No	2.00		
7.5.2		Pressure transmitter including mounting and calibration	EM	No	1.00		
7.5.3		DN400 electromagnetic flowmeter including installation, calibration, commissioning	ME	No	1.00		
7.6		SECTION EM – SCADA & INSTRUMENTATION (SANS 1200 EM)					
7.6.1		SCADA RTU and PLC including panel, power supply, communication modules, integration	EM	LS	1.00	200,000.00	200,000.00
7.6.2		Instrument cabling, junction boxes, marshalling, earthing	EM	Item	1.00	125,000.00	125,000.00
7.7		SECTION T – TESTING & COMMISSIONING (SANS 1200 T)					
7.7.1		Hydrostatic pressure testing including water supply, pumps, gauges, documentation	T	LS	1.00		
7.7.2		Flushing, cleaning, commissioning including final acceptance tests	T	LS	1.00		
		TOTAL CARRIED TO SUMMARY					

BOQ PAGE NUMBER 8

Item number	Payment reference	Item Description	SANS Ref	Unit	Quantities	Rate	Amount Rands.cents
	SANS 1 200	SCHEDULE 8 PORTION 2 – (REVISED FOR IN-SITU ALIGNMENT) DRAWING REFERS :					
8.1		PORTION 2 – (REVISED FOR IN-SITU ALIGNMENT)					
		SECTION LB – EARTHWORKS (SANS 1200 LB)					
8.1.1		Survey, setting out, trial holes, locating existing 200 mm AC pipeline to maintain dynamic in-situ clearances	LB	km	12,500.00		
8.1.2		Trench excavation in soil to 2.2 m depth, including trimming, shaping, maintaining trench stability	LB	m3	28,796.00		
8.1.3		Removal of surplus excavated material to spoil within 5 km	LB	m3	5,000.00		
8.1.4		Imported granular bedding 100 mm thick below pipe, compacted	LB	m3	1,218.00		
8.1.5		Selected granular blanket 300 mm above pipe crown	LB	m3	3,654.00		
8.1.6		Backfill and compact trench to 93 percent Mod AASHTO using selected material	LB	m3	21,864.00		
8.2		SECTION SPECIAL – ASBESTOS PIPE REMOVAL (OMITTED / IN-SITU PRESERVATION)					
8.2.1		OMITTED - Removal of existing 200 mm asbestos cement pipeline including wet-method removal, containment, double-bagging, hazardous waste labelling, transport to licensed facility, disposal certificates (PIPELINE TO REMAIN IN-SITU) handling allowance	Special	ls	1.00	50,000.00	50,000.00

8.3		SECTION L – PIPEWORK (SANS 1200 L)					
8.3.1		Supply and install new 400mm HDPE PE 100 PN16 Pipeline paralle to old route , including welding , alignment jointinghandling lowering bedding testing	L	m	12,500.00		
8.3.2		Concrete thrust blocks and anchor blocks including excavation, formwork, reinforcement, casting, curing	DB	m3	60.00		
8.4		SECTION DB – CONCRETE CHAMBERS (SANS 1200 DB)					
8.4.1		Reinforced concrete valve/instrument chambers including excavation, RC walls, RC base slab, RC roof slab, reinforcement, formwork, curing	DB	No	6.00		
8.4.2		Chamber fittings including manhole covers, access ladders, ventilation pipes, kick plinths	DB	Item	6.00		
8.5		SECTION ME – MECHANICAL EQUIPMENT (SANS 1200 ME)					
8.5.1		DN400 dismantling joints including installation	ME	No	2.00		
8.5.2		Pressure transmitter including mounting and calibration	EM	No	1.00		
8.5.3		DN400 electromagnetic flowmeter including installation, calibration, commissioning	ME	No	1.00		
8.6		SECTION EM – SCADA & INSTRUMENTATION (SANS 1200 EM)					
8.6.1		SCADA RTU and PLC including panel, power supply, communication modules, integration	EM	LS	1.00	200,000.00	200,000.00
8.6.2		Instrument cabling, junction boxes, marshalling, earthing	EM	LS	1.00	125,000.00	125,000.00

8.7		SECTION T – TESTING & COMMISSIONING (SANS 1200 T)					
8.7.1		Hydrostatic pressure testing including water supply, pumps, gauges, documentation	T	LS	1.00		
8.7.2		Flushing, cleaning, commissioning including final acceptance tests	T	LS	1.00		
TOTAL CARRIED TO SUMMARY							

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 9				
	1 200	42 No. DN400 AIR VALVE CHAMBERS				
		DRAWING REFERS :				
9.1		A. EARTHWORKS				
9.1.1		Excavate for air valve chamber including working space (3.5m × 3.5m × 3.5m avg.)	m³	1,801		
9.1.2		Dispose surplus excavated material off site	m³	840		
9.1.3		Selected backfill and compaction around structure	m³	961		
9.2		B. CONCRETE WORKS				
9.2.1		75mm thick mass concrete blinding layer	m³	20		
9.2.2		250mm thick 30MPa reinforced concrete floor slab	m³	66		
9.2.3		250mm thick 30MPa reinforced concrete walls	m³	294		
9.2.4		Double Ref 617 mesh reinforcement to floor slab	m²	525		
9.2.5		Double Ref 617 mesh reinforcement to walls	m²	2,562		
9.3		C. DRAINAGE & ACCESSORIES				
9.3.1		300 × 300mm drain opening through slab complete with 19mm stone filling	No.	42		
9.3.2		19mm stone sump below drain opening	m³	13		
9.4		D. COVERS & ACCESS				
9.4.1		Heavy-duty reinforced concrete manhole cover and frame complete with locking mechanism	No.	42		
9.4.2		SABS approved galvanized step irons at 300mm centres	No.	420		
9.5		E. PIPEWORK & VALVES				
9.5.1		DN400 HDPE to steel flange adaptors PN16	No.	84		
9.5.2		DN400 steel puddle pipes cast into wall, 750mm long	No.	84		
9.5.3		DN400 PN16 butterfly isolation valves, flanged	No.	42		
9.5.4		DN400 flanged spool piece with Viking Johnson adaptor	No.	42		
9.5.5		DN400 × DN50 flanged equal tee	No.	42		
9.5.6		DN50 PN16 flanged isolation valve	No.	42		

9.5.7		DN50 air valve type 050LWFB16MS	No.	2		
9.5.8		DN50 air valve type 050LWF16MS	No.	38		
9.5.9		DN50 air valve type 050LWFV16MS	No.	2		
9.5.10		100mm dia ventilation pipes cast through concrete roof slab complete with flyscreen	No.	84		
9.5		F. COMPLETE AIR VALVE CHAMBER CONSTRUCTION				
9.5.1		Construct reinforced concrete air valve chamber internally 2.5m × 2.5m × 3.05m deep complete with excavation, concrete, reinforcement, drainage opening, cover slab, manhole cover, access steps, ventilation pipes, puddle flanges, pipework, valves and all fittings as specified	No.	42		
		TECHNICAL NOTES / BASIS OF RATE:				

Tender Item Rate Basis: Rate for each chamber shall include excavation, dewatering, disposal, concrete, reinforcement, formwork, covers, ladders, valves, pipework, flanged fittings, ventilation pipes, testing, commissioning, backfilling and all incidental works necessary for a complete operational DN400 air valve installation.

TOTAL CARRIED TO SUMMARY	

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 10				
	1 200	INLET CONTROL MANHOLES (2 No.)				
		DRAWING REFERS :				
10		A. EARTHWORKS				
10.1		Excavate for inlet control manhole including working space (approx. 3.5m × 3.5m × 3.5m deep)	m³	86		
10.2		Dispose surplus excavated material off site	m³	40		
10.3		Selected backfill and compaction around structure	m³	46		
10.2		B. CONCRETE & REINFORCEMENT				
10.2.1		75mm thick concrete blinding layer	m³	1		
10.2.2		250mm thick 30MPa reinforced concrete floor slab	m³	3		
10.2.3		250mm thick 30MPa reinforced concrete walls	m³	14		
10.2.4		Double layer Ref 617 mesh reinforcement to floor slab	m²	25		
10.2.4		Double layer Ref 617 mesh reinforcement to walls	m²	122		
10.3		C. APPURTENANCES & COVERS				
10.3.1		Heavy duty reinforced concrete manhole cover and frame complete with lockable cover	No.	2		
10.3.2		SABS approved galvanized step irons at 300mm vertical spacing	No.	20		
10.3.3		300 × 300mm drainage opening through floor complete with 19mm stone fill	No.	2		
10.3.4		19mm stone drainage sump beneath floor opening	m³	1		
10.4		D. PIPEWORK & VALVES				
10.4.1		200 × 400mm PN16 flanged concentric steel reducer, 600mm long	No.	2		
10.4.2		DN400 HDPE to steel flange adaptor PN16	No.	2		
10.4.3		DN400 steel puddle pipe, 750mm long, cast into reinforced concrete wall	No.	4		

10.4.4		DN400 PN16 butterfly isolation valve, flanged	No.	2		
10.4.5		DN400 flanged spool piece with Viking Johnson adaptor, 1060mm long	No.	2		
10.4.6		DN400 PN16 slow-closing non-return valve	No.	2		
10.5		E. TESTING & COMMISSIONING				
10.5.1		Testing, commissioning and pressure testing of complete inlet control assembly	Item	2		
10.6		F. COMPLETE INLET MANHOLE CONSTRUCTION				
10.6.1		Complete construction of reinforced concrete inlet control manhole, internal dimensions 2.5m × 2.5m × 3.05m deep, including excavation, blinding, reinforced concrete, reinforcement, drainage opening, stone sump, lockable manhole cover, step irons, pipe penetrations, puddle pipes, fittings, valves, testing, commissioning, backfilling and all associated works complete	No.	2		
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 11				
	1 200	11 No. DN400 SCOUR MANHOLES				
		DRAWING REFERS :				
11.1		A. EARTHWORKS				
11.1.1		Excavate for scour manholes including working space (approx. 3.5m × 3.5m × 3.5m deep)	m³	472		
11.1.2		Dispose surplus excavated material off site	m³	220		
11.1.3		Selected backfill and compaction around structure	m³	252		
		Excavate scour outlet trench in existing soil to daylight complete	m	11		
11.2		B. REINFORCED CONCRETE LAYOUT				
11.2.1		75mm thick concrete blinding layer	m³	5		
11.2.2		250mm thick 30MPa reinforced concrete floor slab	m³	17		
11.2.3		250mm thick 30MPa reinforced concrete walls	m³	77		
11.2.4		Double layer Ref 617 mesh reinforcement to floor slabs	m²	138		
11.2.5		Double layer Ref 617 mesh reinforcement to walls	m²	671		
11.3		C. APPURTENANCES & COVERS				
11.3.1		Heavy-duty reinforced concrete manhole cover and frame complete with lockable cover	No.	11		
11.3.2		SABS approved galvanized step irons at 300mm vertical spacing	No.	110		
11.3.3		300 × 300mm drainage opening through floor complete with 19mm stone filling	No.	11		
11.3.4		19mm stone drainage sump beneath floor opening	m³	3		
11.4		D. HIGH-PRESSURE VALVES & PIPEWORK				
11.4.1		DN400 HDPE-to-steel Viking Johnson adaptor	No.	22		
11.4.2		DN400 steel puddle pipes cast into reinforced concrete walls, 750mm long	No.	33		

11.4.3		DN400 PN16 butterfly isolation valve, flanged	No.	22		
11.4.4		DN400 × DN400 × DN400 equal flanged tee complete with one Viking Johnson adaptor and 650mm offset branch	No.	11		
11.4.5		DN400 flanged 90° bend, 750mm radius	No.	11		
11.5		E. TESTING & COMMISSIONING				
11.5.1		Testing, commissioning and pressure testing of scour valve installation	Item	11		
11.6		F. COMPLETE SCOUR MANHOLE CONSTRUCTION				
11.6.1		Complete construction of reinforced concrete scour manhole, internal dimensions 2.5m × 2.5m × 3.05m deep, including excavation, blinding, reinforced concrete, reinforcement, drainage opening, lockable cover, step irons, puddle pipes, HDPE-to-steel adaptors, butterfly valves, equal tee, scour bend, scour outlet excavation to daylight, backfilling, testing and commissioning, complete	No.	11		
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 12				
	1 200	2 No. DN400 STEEL PIPE OUTLETS				
		DRAWING REFERS :				
12		2 No. DN400 STEEL PIPE OUTLETS				
12.1.1		DN400 HDPE to steel flange adaptor PN16 complete with bolts, nuts and gaskets	No.	2.00		
12.1.2		DN400 steel flanged 90° bend, 750mm radius	No.	4.00		
12.1.3		DN400 steel flanged pipe spool complete, 90° bend, 750mm radius, one end flanged	No.	2.00		
12.1.4		DN400 flanged steel pipe, 6.0m long, PN16, complete with corrosion protection (final length to be confirmed on site)	No.	2.00		
12.1.5		Heavy-duty purpose-made steel pipe support brackets/bats for DN400 pipework, including fabrication, anchor bolts, galvanizing/coating and approval by Engineer	No.	10.00		
12.1.6		Supply and installation of bolts, nuts, washers and rubber insertion gaskets for all flanged joints	Item	2		
12.1.7		Testing, alignment, installation and commissioning of complete DN400 outlet pipework assembly	Item	2		
		Technical Notes / Basis of Rate:				
Rate to include: supply, fabrication, corrosion protection, transport, erection, lifting equipment, supports, bolts, nuts, gaskets, welding where required, testing and commissioning, complete in working order.						
TOTAL CARRIED TO SUMMARY						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 13				
	1 200	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS				
13.1		NOTIFICATION OF CONSTRUCTION WORK				
13.1.1		Notification of Construction work to the Provincial Director as	Sum	1		
		requested by the Engineer under the Construction Regulations				
		of the Occupational Health & Safety (Regulation 3) Act nr 85/1993				
13.2		HEALTH AND SAFETY PLAN				
13.2.1		Setting up a job and site specific Health and Safety Plan by the	Sum	1		
		Engineer's approved representative as requested by the Engineer				
		under the Construction Regulations (Regulation 5) of the				
		Occupational Health and Safety Act nr. 85 of 1993				
13.3		HEALTH AND SAFETY MAIN FILE				
13.3.1		Setting up a job and site specific Health and Safety Plan by the	Sum	1		
		Engineer's approved representative as requested by the Engineer				
		under the Construction Regulations (Regulation 5) of the				
		Occupational Health and Safety Act nr. 85 of 1993				
		Note :				
		File to be a lever arch file with original document of good standards				
		Emergency phone numbers to be displayed on back of file				
		The file will be expanded during the project as and when required				
		File to include the following:				
		Copy of H&S Act				

		Proof of registration with COID Insurer				
		Notification of construction work				
		Mandatory Agreement				
		H&S Specifications provided by client				
		Copy of tender document, drawings etc				
		Company Safety Policy to be signed by CEO				
		Company organogrammme with respect to H&S on specific site				
		Letters of appointment for specific site				
		List of subcontractors				
		Evacuation plan				
		Risk assessments and method statements				
		Safe work procedures and material safety data sheets				
		Fall protection plan				
		Incident recordings				
		Medical records				
		Minutes of H&S meetings				
SCHEDULE CARRIED FORWARD TO PAGE 15						

BOQ PAGE NUMBER 14

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 13 CONTINUED				
	1 200	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS				
		-\SCHEDULE CONTINUED FROM PAGE 14				
13.3.3		Setting up a job and site specific Health and Safety Register File by	Sum	1		
		the Engineer's approved representative as requested by the				
		Engineer under the Construction Regulations (Regulation 5) of the				
		Occupational Health and Safety Act nr. 85 of 1993				
13.3.5		Setting up a job and site specific Health and Safety Training File by	Sum	1		
		the Engineer's approved representative as requested by the				
		Engineer under the Construction Regulations (Regulation 5) of the				
		Occupational Health and Safety Act nr. 85 of 1993				
13.4		HEALTH AND SAFETY MAIN FILE				
13.4.1		Appointment of a competent person to perform risk assessment &	Sum	1		
		training on siteunder the Construction Regulations (Regulation 7) of				
		the Occupational Health and Safety Act nr. 85 of 1993				
		Engineer's approved representative to be appointed by Contractor				
13.5		TRAINING ON SITE				
		Toolbox talks as required by Consultant				
13.5.1		Induction training of all workers	sum	1		
13.5.2		Community training as specified by the Engineer	sum	1		

13.5.3		Toolbox talks on environmental awareness	sum	1		
13.5.4		Hold talks on first aid awareness	sum	1		
13.5.5		Hold talks on fire fighting awareness	sum	1		
13.5.6		Hold tool box talks on hand tools and hand tool accidents	sum	1		
13.5.7		Hold tool box talks on machine guarding	sum	1		
13.5.8		Hold tool box talks on lifting materials by hand	sum	1		
13.5.9		Hold tool box talks on safe loading	sum	1		
13.5.10		Hold tool box talks on safety signs	sum	1		
13.5.11		Hold tool box talks on ten commandments of safety	sum	1		
13.5.12		Hold tool box talks on working at heights	sum	1		
13.5.13		Hold tool box talks on approching Construction Vehicles	sum	1		
13.6		ACCREDITED TRAINING OFF SITE				
13.6.1		Training of the SHE Rrepresentative, training of operators on mobile	Sum	1		
		plant & construction vehicles, first aid level 1 (minumum requirement)				
		fire fighting level 1 (minimum requirement)				
SCHEDULE CARRIED FORWARD TO PAGE 16						

BOQ PAGE NUMBER 15

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 13 CONTINUED				
	1 200	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS				
		-\SCHEDULE CONTINUED FROM PAGE 15				
13.7		SHE REPRESENTATIVE				
13.7.1		Appoint an SHE representative to be permanently on site	sum	1		
		Additional payment for workers appointed on specific H&S tasks :				
13.7.2		Accident investigator	sum	1		
13.7.3		Construction vehicle and mobile plant inspector	sum	1		
13.7.4		Hand tool inspector	sum	1		
13.7.5		Portable electrical equipments inspector	sum	1		
13.7.6		Stacking and storage inspector	sum	1		
13.7.7		Hygiene and hygiene facility inspector	sum	1		
13.7.8		Fire equipment inspector	sum	1		
13.7.9		First aider	sum	1		
13.7.10		Ladder Inspector	sum	1		rate only
13.7.11		Excavation inspector	sum	1		
13.7.12		Fall Protection planner	sum	1		rate only
13.7.13		Formwork and support work inspector	sum	1		rate only
13.7.14		Scaffolding Erectors and Inspector	sum	1		rate only
13.8		FIRE FIGHTING EQUIPMENT				
13.8.1		9 kg fire fighting equipment suitable for electric fires on each site				
		as indicated by Consultant	no	1		
13.8.2		Obtain inspection certificates of fire fighting equipment	no	1		
13.9		FIRST AID				

13.9.1		Provide basic First Aid Kits	no	1		
13.9.2		Provide a stretcher	no	1		
13.10		PERSONAL PROTECTIVE CLOTHING				
13.10.1		**Provide PPE as required by law for all workers**	sum	1		
		Items included will be:				
		Shoulder length PVC Gloves- cement work				
		Chrome leather reinforced Gloves- - steelwork				
		Plastic Trousers				
		Safety Goggles				
		Gum Boots				
		Welding Helmets				
		Gas Welding Safety Goggles				
		Safety Shoes				
		Dust Masks				
		Hard hats				
		Leather Aprons				
		Overalls				
SCHEDULE CARRIED FORWARD TO PAGE 17						

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 13 CONTINUED				
	1 200	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS				
		-\SCHEDULE CONTINUED FROM PAGE 16				
13.1		WELFARE FACILITIES				
13.11.1		Allow for welfare facilities on site as required by specifications	Sum	1		
		Male Workers : One Toilet for every 30 workers				
		Female Workers : One Toilet for every 30 workers				
		Chemical toilets are acceptable				
		Sheltered eating area				
		One Shower facility for every 15 workers				
		Changing facilities for each sex				
		Reasonable and suitable living accommodation for workers				
		remote from their home				
13.1		IDENTIFICATION CARDS				
13.12.1		Provide identification cards to employees	sum	1		
13.1		MEDICAL AND PHYSICAL REQUIREMENT TESTS				
13.13.1		Workers to be evaluted by an Occupational Health and Safety	Sum	1		
		Practitioner in line with COVID-19 Protocol				
		Obtain medical fitness tests of all workers working in elevated				
		positions				
		Obtain medical fitness tests of all operators working on construction				
		vehicles and mobile plant				
13.1		SIGNAGE				

13.14.1		Allow for H&S signs to be displayed on site	sum	1		
		H&S signage shall be dispayed on site to indicate hazardous conditions				
		No entry, requirements on the Construction site regarding PPE				
		First Aid signs				
		Fire extinguisher signs				
		Dangerous openings				
		Emergency Contacts				
		Injury treatment procedure				
13.15		SAFETY MANAGEMENT INFORMATION BOARD				
13.15.1		Allow for a safety management information board	sum	1		
		A safety management Information board shall be provided in a				
		position close to the site office for information on all safety aspects				
		as required by the Consultant				
		The SMI board shall be weather proof				
SCHEDULE CARRIED FORWARD TO PAGE 18						

BOQ PAGE NUMBER 17

Item number	Payment reference	Item Description	Unit	Quantities	Rate	Amount Rands.cents
	SANS	SCHEDULE 13 CONTINUED				
	1 200	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS				
		-\SCHEDULE CONTINUED FROM PAGE 17				
13.2		EMERGENCY ALARM				
13016.1		Allow for a alarm to be used for fire and evacuation on site	sum	1		
13.2		BARRICADING				
13.17.1		Allow for proper barricading of excavations on site	sum	1		
		TOTAL CARRIED TO SUMMARY				

PROJECT NO. –

REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAHAMENG (BULTFONTEIN)

SUMMARY OF THE SCHEDULE OF QUANTITIES

SCHEDULE 1	PRELIMINARY AND GENERAL	
SCHEDULE 2	ASBESTOS DECOMMISSIONING, SITE PREPARATION AND EARTHWORKS	
SCHEDULE 3	NEW PIPELINE INFRASTRUCTURE, HDPE PIPEWORK AND APPURTENANCES	
SCHEDULE 4	CONCRETE STRUCTURAL ANCHORAGES AND VALVE CHAMBERS	
SCHEDULE 5	HYDRAULIC COMMISSIONING AND INFRASTRUCTURE REINSTATEMENT	
SCHEDULE 6	CROSSINGS, SLEEVES AND SPECIAL PROTECTION	
SCHEDULE 7	PORTION 1 – (REVISED FOR IN-SITU ALIGNMENT)	
SCHEDULE 8	PORTION 2 – (REVISED FOR IN-SITU ALIGNMENT)	
SCHEDULE 9	42 NO. DN400 AIR VALVE CHAMBERS	
SCHEDULE 10	INLET CONTROL MANHOLES (2 NO.)	
SCHEDULE 11	11 NO. DN400 SCOUR MANHOLES	
SCHEDULE 12	2 NO. DN400 STEEL PIPE OUTLETS	
SCHEDULE 13	OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS	
SUB - TOTAL : CONSTRUCTION VALUE		
ADD 10% OF CONSTRUCTION VALUE FOR CONTINGENCIES		
SUB - TOTAL : CONSTRUCTION AND CONTINGENCY VALUE		
ADD 15% VALUE ADDED TAX		
TOTAL VALUE OF PROJECT CARRIED TO FORM OF OFFER :		

Signature of authorized person

Date signed

PART C3 AGREEMENT AND CONTRACT DATA [WHITE]

C3.1 FORM OF OFFER AND ACCEPTANCE

C3.2 AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

C3.3 CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

C3.1 FORM OF OFFER AND ACCEPTANCE [THIS SECTION MUST BE COMPLETED AFTER APPOINTMENT]

FORM OF OFFER AND ACCEPTANCE (AGREEMENT)

1. OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works Replacement of old asbestos pipeline and accompanying appurtenances in Phameng (Bultfotein).

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

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

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS FOR DURATION OF THE CONTRACT.

_____

Rand (in words);

_____

R (in figures),

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Bidder before the end of the period of validity stated in the Bid Data, whereupon the Bidder becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

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

FOR THE BIDDER:

Signature(s) _____ Name(s) _____

Capacity_____ Company Name_____

Name of Witness _____

Signature _____

Date: _____

4. ACCEPTANCE

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the Bidder's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Bidder's Offer shall form an agreement between the Employer and the Bidder upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract, are contained in

Part C1 Pricing Data

Part C2 Scope of Work

Part C3 Agreements and Contract Data, (which includes this Agreement)

AND Documents or parts thereof, which may be incorporated by reference into Parts C1 to C3 above.

Deviations from and amendments to the documents listed in the Bid Data and any addenda thereto listed in the Bid Schedules as well as any changes to the terms of the Offer agreed by the Bidder and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representative(s) of both parties.

The Bidder 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. 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 Bidder receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Bidder (now Contractor) within five working 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.

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

FOR THE EMPLOYER: TSWELOPELE LOCAL MUNICIPALITY

Signature(s)_____Name _____

Capacity_____ Name of Witness _____

Signature _____

Date _____

2. SCHEDULE OF DEVIATIONS

Notes:

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

1 Subject_____

Details

_____

2 Subject _____

Details _____

3 Subject _____

Details _____

4 Subject _____

Details _____

By the duly authorised representatives signing this Schedule of Deviations, the Employer and the Bidder agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Bid Data and addenda thereto as listed in the Bid Schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Bidder and the Employer during this process of offer and acceptance.

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

FOR THE BIDDER:

Signature(s) _____

Name(s) _____

Capacity _____

(Bidder's Name) _____

Name of Witness _____

Signature _____

Date: _____

FOR THE EMPLOYER: TSWELOPELE LOCAL MUNICIPALITY

Signature(s) _____

Name _____

Capacity _____

Name of Witness _____

Signature _____

Date _____

C3.2 AGREEMENT IN TERMS OF THE OCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

THIS AGREEMENT made at _____

On this the _____ day of _____20_____

Between **TSWELOPELELOCAL MUNICIPALITY** (hereinafter called "the

Employer") herein represented by _____

In his/her capacity as_____

And

_____

(Hereinafter called "the Mandatory") of the other part, herein represented by

_____

In his/her capacity as _____

WHEREAS the Employer is desirous that certain works be undertaken as per this contract:

_____

and has accepted a Bid by the Mandatory for the provision of such services and whereas the Employer and the Mandatory have agreed to certain arrangements and procedures to be followed in order to ensure compliance by the Mandatory with the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993);

NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:

1 The Mandatory shall execute the work in accordance with the Contract Documents pertaining to this Contract.

2 This Agreement shall hold good from its Commencement Date, which shall be the date of a written notice from the Employer or Employer's representative requiring him to commence the execution of the Works, to either

(a) the date of the Final Approval Certificate issued

(b) the date of termination of the Contract

3 The Mandatory declares himself/herself to be conversant with the following:

(a) All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993), hereinafter referred to as "The Act", together with its amendments and with special reference to the following Sections of The Act:

(i) Section 8 : General duties of employers to their employees;
(ii) Section 9 : General duties of employers and self-employed persons to persons other than employees;
(iii) Section 37 : Acts or omissions by employees or mandataries, and
(iv) Subsection 37(2) relating to the purpose and meaning of this Agreement.
(b) The procedures and safety rules of the Employer as pertaining to the Mandatory and to all his subcontractors.

3 The Mandatory is responsible for the compliance with the Act by all his subcontractors, whether or not selected and/or approved by the Employer.

4 The Mandatory warrants that all his/her and his/her subcontractors' workmen are covered in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 which cover shall remain in force whilst any such workmen are present on site. A letter of good standing from the Compensation Commissioner to this effect must be produced to the Employer upon signature of the agreement.

5 The Mandatory undertakes to ensure that he and/or subcontractors and/or their respective employers will at all times comply with the following conditions:

(a) The Mandatory shall assume the responsibility in terms of Section 16.1 of the Occupational Health and Safety Act. The Mandatory shall not delegate any duty in terms of Section 16.2 of this Act without the prior written approval of the Employer. If the Mandatory obtains such approval and delegates any duty in terms of section 16.2 a copy of such written delegation shall immediately be forwarded to the Employer.

(b) All incidents referred to in the Act shall be reported by the Mandatory to the Department of Labour as well as to the Employer. The Employer will further be provided with copies of all written documentation relating to any incident.

(c) The Employer hereby obtains an interest in the issue of any formal inquiry conducted in terms of section 32 of the Act into any incident involving the Mandatory and/or his employees and/or his subcontractors.

6 In witness thereof the parties hereto have set their signatures hereon in the presence of the subscribing witnesses:

SIGNED FOR AND ON BEHALF OF THE EMPLOYER:

SIGNATURE _____ DATE _____

DESIGNATION _____ DATE _____

SIGNED FOR AND ON BEHALF OF THE MANDATORY:

SIGNATURE _____ DATE _____

DESIGNATION _____ DATE _____

C3.3 CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

The signatory for the company that is the Contractor in terms of the above-mentioned Contract and the Mandatory in terms of the above-mentioned Act shall confirm his or her authority thereto by attaching to this page a duly signed and dated copy of the relevant resolution of the Board of Directors.

An example is given below:

"By resolution of the Board of Directors passed at a meeting held on

_____ 20_____,

Mr/Ms
_____ whose signature

Appears below, has been duly authorised to sign the AGREEMENT in terms of THE

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 of 1993) on behalf of

_____

SIGNED ON BEHALF OF THE COMPANY:_____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESS SIGNATURE _____

NAME _____
(IN CAPITALS)

N.B. MAKE SURE YOU INDEX ALL THE ATTACHMENTS FOR EASE OF IDENTIFICATION

….THE END…..