



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF

PUBLIC WORKS, ROADS & INFRASTRUCTURE

BID NUMBER: LDPWRI-BM/20486

APPOINTMENT OF TERM CONTRACTOR FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE FOR A PERIOD OF 36 MONTHS AS AND WHEN REQUIRED-WATERBERG DISTRICT .

CIDB GRADING (3CE OR 3EB OR 3ME OR HIGHER)

Issued by:

Limpopo Department of Public Works, Roads and Infrastructure
Works Towers Building
43 Church Street
Polokwane
0700

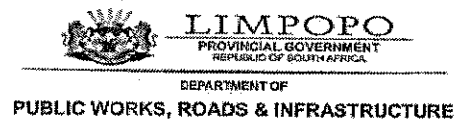
Contact Person: General Queries

Name : Mr NJ Motsopye,
Tel No. : 015 284 7126
Email : motsopyen@dpw.limpopo.gov.za

Technical: Technical Queries

Name : Ms. Mhangwane V
Tel No. : 015 284 7173
Email : mhangwanev@dpw.limpopo.gov.za

Name of the Bidder :



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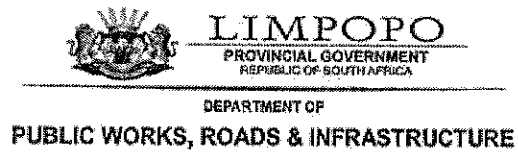
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TENDER NO.: LDPWRI-BM/20486 - APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE – WATERBERG DISTRICT



PART T1: TENDERING PROCEDURE

T1.1 Tender Notice and Invitation to Tender

The Limpopo Department of Public Works, Roads and Infrastructure invites tenderers for the supply, delivery, installation, preventative maintenance, repairs and servicing of boreholes in Limpopo Province for a period of 36 months. It is estimated that tenderers must have a CIDB contractor grading designation of **3CE** or **3EB** or **3ME** or higher.

LDPWR&I or any client department or any organ of state including Municipalities and State Owned Entities, may make use of this term contract and issue Task Orders or Job Cards for work falling within the scope of the contained herein.

The department has advertised a total of 5 bids for the following districts:

- Capricorn District – LDPWRI- BM/20482
- Mopani District – LDPWRI-BM/20483
- Vhembe District – LDPWRI-BM/20484
- Sekhukhune District – LDPWRI-BM/20485
- Waterberg District – LDPWRI-BM/20486

These will be considered as a programme, Appointment will be limited to one service provider per bid / district. In the event that it is not possible to appoint one per bid/district, then one service provider shall be appointed for a maximum of 2 bids/districts.

The conditions of the CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts **Gazette Notice No. 36190 of 25 February 2013** will be applicable on this project

Project Name	APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE – WATERBERG DISTRICT	
Tender Number	LDPWRI- BM/20486	
Tender documents availability	Limpopo Department of Public Works, Roads and Infrastructure website	
Address for submission of tenders	DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.	
Closing date of the tender	As per Tender Bulletin	
Closing time of the tender	As per Tender invite	
Compulsory briefing meeting (Tenderers must sign the attendance register in the name of the tendering entity. Addenda (if any) will be issued only to those tendering entities appearing on the attendance register)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
	Meeting venue	None
	Date	None
	Time:	None
Evaluation criteria	1. Compliance with mandatory or compulsory requirements 2. Functionality 3. Price and Specific Goals	
Mandatory or Compulsory Requirements (failure to submit or comply with these requirements will lead to automatic disqualification)	Only tenderers who are registered with the Construction Industry Development Board (CIDB) with designation of 3CE or 3EB or 3ME or higher contractor grading determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations are eligible to have their tenders evaluated. Completed and signed Form of Offer and pricing Schedule	

T1.2 Tender Data

Clause number	Tender Data
	<p>The conditions of tender are the Standard Conditions of Tender as contained in Annex C of Board Notice 423 of 2019 in Government Gazette No. 42622 of 08 August 2019, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data.</p> <p>The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.</p> <p>The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts Gazette Notice No. 36190 of 25 February 2013. In this case, contractor shall provide a minimum Contract Participation Goal (CPG) of 5% of the total project value and develop targeted enterprises stated under C3 of this document.</p> <p>The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender. Add the following to clauses in Standard Conditions of Tender:</p>
C.1.1	The Employer is the Department of Public Works, Roads and Infrastructure
C.1.2	<p>The Tender Part T1: Tendering procedures T1.1 Tender notice and invitation to tender T1.2 Tender data</p> <p>Part T2: Returnable documents T2.1 List of returnable documents T2.2 Returnable schedules</p> <p>The Contract Part C1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Joint Venture Agreement (If Applicable)</p> <p>The Contract Part C2: Pricing data C2.1 Pricing instructions C2.2 Bills of Quantities</p> <p>Part 3: Scope of work C3.1 Special Notes to Tenderers</p>

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C.1.4	<p>All communications related to this tender should be directed to the persons indicated under Enquires on this tender document.</p> <p>Attention is also drawn to the fact that verbal information, given by the Employer's agent during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the Employer. Only information issued formally by the Employer in writing to tenderers will be regarded as amending the Tender Documents.</p>
C.1.5	The employer reserve to cancel the tender prior to the award of the tender.
C1.6.3	A two-stage system will not be followed.
C.2.1	<p>Eligibility in respect of CIDB grading</p> <p>Only tenderers who are registered with the Construction Industry Development Board (CIDB) with designation of 3CE or 3EB or 3ME or higher contractor grading determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations are eligible to have their tenders evaluated.</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> 1. Every member of the joint venture is registered with the CIDB. 2. The lead partner has a contractor grading designation General building works as follows: 2.1 3CE or 3EB or 3ME or higher 3. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for an elevator maintenance and service – Infrastructure or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. <p>The tenderer must also submit the compulsory returnable documentation listed in this tender</p>
C2.2	<p>Cost of tendering</p> <p>The tenderer accept that, unless otherwise stated in the tender data, 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 complies with requirements</p>
C.2.7	<p>Compulsory site briefing</p> <p>A compulsory briefing meeting will not be held.</p>
C.2.11	<p>Alterations to the documents</p> <p>Tenderers are required to 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</p>
C.2.12	<p>Alternative tender offer</p> <p>No alternative tender offer is permitted in this tender.</p>
C.2.13.2	<p>Replace sub-clause C.2.13.2 with the following; Return all returnable documents to the employer after completing them in their entirety by writing in non-erasable black ink</p>
C.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original

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C.2.13.4	The tender shall be signed by a person duly authorized to do so.
C.2.13.5	<p>The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:</p> <p>Location of tender box: DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699 Identification details: Sealed Tender with Tender reference number, Title of Tender and the closing date and time of the tender.</p>
C.2.15.1	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
C.2.16.1	The tender offer validity period is 16 weeks or 120 days .
C.2.16.2	The tender accepts that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer-evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).
C.3.1	<p>The tenderer is required to indicate how they claim points for each preference point system and attached relevant supporting documents. The specific goals for claiming of preference points include the following:</p> <ul style="list-style-type: none"> - Persons who had no franchise in national elections prior to 1983 and 1993 - Attach Directors 's certified copy of South African ID & CK - Promotion of Women owned enterprises - Attach Director's certified copy of South African ID & CK - Disabled persons - Attach letter/medical certificate from Healthcare Professional - Promotion of SMMEs - Attach latest Financial Statement - Enterprise located in Limpopo Province - Attach proof of Enterprise Address/Lease agreement - Promotion of youth - Attach Directors 's certified copy of South African ID - South African owned enterprises - Attach Directors 's certified copy of South African ID & CK
	<p>CIDB Grading Certificate</p> <p>Tenders are required to provide proof of registration with the CIDB register of contractors indicating the category of registration, grading as well as the CRS number of the tenderer.</p> <p>Letter of Good Standing</p> <p>Tender are required to submit, bound with the tender submission, a letter of good from the Compensation commissioner indicating that the tenderer is in good standing.</p>
C3.2	Notwithstanding any requests for confirmation of receipt of Addenda issued, the tenderer shall be deemed to have received such addenda if the employer can show proof of transmission thereof (or a notice in respect thereof) via electronic mail, facsimile or registered post.
C.3.2.1	Tenders will not be opened immediately after the closing time for tenders.
C.3.2.2	<p>The tenderers will be evaluated in four stages:</p> <p>a) Stage 1: Administrative Compliance: The Compliance or compulsory documents and returnable are detailed in Section T.2.1 of this tender document. Failure to submit, complete or comply with these requirements will lead to automatic disqualification.</p>

- b) **Stage 2: Functionality:** Functionality of responsive bids submitted will be evaluated according to the predetermined criteria described below. Bidders are required to score a minimum number of evaluation points of 70 for functionality in order to proceed to the next phase of evaluation.

CRITERIA	DESCRIPTION	POINTS
Bidder's previous experience	Bidder's past experience (Proof of supply, maintenance and repairs of boreholes)	25
Key Personnel	Background and experience of all key personnel proposed to undertake the services	40
Plant	List of plant owned	10
Office location	Company office is fully established in Limpopo	15
Bank Rating	Letter from Financial Institution showing the Bank rating	10
Maximum Possible Points		100

The technical capacity (functionality) of the contractors will not be evaluated any further during evaluation of the RFQ. However, the contractors will be required to declare the status of their key staff and any administrative compliance. In cases where there are changes in the key staff, the contractor should provide CVs and qualifications of the new staff to LDPWR&I. The new staff should have similar skills, qualifications and experience as the staff submitted during tender. Similarly, the contractors will be expected to provide an update on any changes in their administrative compliances – and should submit the required SBD document in such cases.

- c) **Stage 3: Price and Preference**

The procedure for final evaluation of responsive tenders is Method 2 (Financial offer and preference). The total number of tender evaluation points (T_{EV}) shall be determined in accordance with the following formula.

$$T_{EV} = N_{FO} + N_P$$

N_{FO} is the number of tender evaluation points awarded for the financial offer made. The score for financial offer is calculated using the following formula:

$$P = A * \left(1 - \frac{(P_o - P_m)}{P_m} \right)$$

Where:

A is 80 since the estimated financial value of works inclusive of VAT is equals or is less than R 50,000,000.00.

P is the points awarded to the tender under consideration

P_m is the lowest Comparative tender price

P_o is the comparative price under consideration

N_P is the number of tender evaluation points awarded for preferences claimed in accordance with the Preferencing Schedule in 3.18

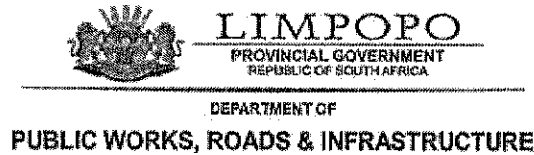
The award will only be issued to contractors with valid Tax Clearance certificates, active CIDB grading and the contractor who meets all the legislative requirement – this shall be verified by SCM in line with the departmental SCM Policy.



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PART T2: RETURNABLE DOCUMENTS



T2.1 : LIST OF RETURNABLE DOCUMENTS

1. The following documents **MUST** be submitted documents submitted by the Contractors as part of the tender document:
 - a) Fully Completed Pricing Schedule and Form of Offer
 - b) Submission of fully completed and signed Standard Bidding Documents
 - 1.1. SBD 1: Invitation to bid
 - 1.2. SBD 3.2 : Pricing Schedule – Non-Firm Prices
 - 1.3. SBD 4: Bidder's Disclosure
 - 1.4. SBD 6.1: Reference Points claim form in terms of the Preferential Procurement Regulations 2022 or amended
 - c) Fully completed signed Record of Addenda to tender documents
 - d) Fully completed signed Proposed Amendments and Qualifications (if applicable)
 - e) Fully completed signed Compulsory Declaration
 - f) Fully completed signed Certificate of Authority
 - g) CSD Report
 - h) Valid CIDB grading certificate - **3CE** or **3EB** or **3ME** or higher
 - i) JV Agreement (if applicable)

2. The following returnable documents are **required for tender evaluation purposes. Tenderers will not be disqualified for failure to submit or complete these returnable documents. However, it will affect the awarding of points during evaluations.**
 - a. Practical and Final completion certificates on the completed projects.
 - b. List of plant owned and /or leased and proof of ownership.
 - c. Curriculum Vitae of all key staff allocated to this project, indicating their experience and qualifications and professional registration with relevant council or body.
 - d. Certified copies (not older than 6 months) of all qualifications, professional registrations and training
 - e. Certified copy of the company's directors' identity documents not older than six (6) months. No copy of a certified copy will be accepted.
 - f. Copy of COIDA (Compensation for Occupational Injuries and Diseases) registration certificate, e.g. Letter of Good Standing
 - g. Valid Proof of Contractor Registration issued by the Construction Industry Development Board - Compulsory.
 - h. Letter from Financial Institution showing the Bank rating.
 - i. Annual Financial Statements
 - j. Proof of company address



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T 2.2: RETURNABLE SCHEDULE

No.	Document Name	Disqualifying Criteria?
1.	Fully Completed Pricing Schedule and Form of Offer	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	SBD 1: Invitation to bid	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	SBD 3.2: Pricing Schedule – Non-Firm Prices	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	SBD 4: Bidder's Disclosure	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	SBD 6.1: Reference Points claim form in terms of the Preferential Procurement Regulations 2022 or amended	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	Record of Addenda to tender documents	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	Proposed Amendments and Qualifications	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8.	Compulsory Declaration	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	Certificate of Authority	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	CSD Report	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11.	JV Agreement (if applicable)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	Valid CIDB grading certificate - 3CE or 3EB or 3ME or higher	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
13.	Annual financial statements that comply with the with the companies act and must not be older than 18 months	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
14.	Letter from Financial Institution showing the Bank rating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
15.	Practical and Final completion certificates on the completed projects.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16.	List of plant owned and /or leased and proof of ownership.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
17.	Curriculum Vitae of all key staff	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Record of Addenda to tender documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
No.	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____



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Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

Page	Clause or Item	Proposal

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.



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Compulsory Declaration

The following particulars must be furnished. In the case of a joint venture, separate declaration in respect of each partner must be completed and submitted.

Section 1: Enterprise Details

Name of enterprise:	
Contact person:	
Email:	
Telephone:	
Cell no	
Fax:	
Physical address	
Postal address	

Section 2: Particulars of companies and close corporations

Company / Close Corporation registration number	
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Section 3: SARS Information

Tax reference number	
VAT registration number:	<i>State Not Registered if not registered for VAT</i>

Section 4: CIDB registration number : N/A

Section 5: National Treasury Central Supplier Database

Supplier number/ Unique registration reference number	
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Section 6: Particulars of principals

principal: means a natural person who is a partner in a partnership, a sole proprietor, a director of a company established in terms of the Companies Act of 2008 (Act No. 71 of 2008) or a member of a close corporation registered in terms of the Close Corporation Act, 1984, (Act No. 69 of 1984).

Full name of principal	Identity number	Personal tax reference number

Attach separate page if necessary

Section 7: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any principal is currently or has been within the last 12 months in the service of any of the following:

- | | |
|--|--|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act of 1999 (Act No. 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

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

*insert separate page if necessary

Section 8: Record of family member in the service of the state

family member: a person's spouse, whether in a marriage or in a customary union according to indigenous law, domestic partner in a civil union, or child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption

Indicate by marking the relevant boxes with a cross, if any family member of a principal as defined in section 5 is currently or has been within the last 12 months been in the service of any of the following:

- | | |
|--|---|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

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

*insert separate page if necessary

Section 9: Record of termination of previous contracts with an organ of state

Was any contract between the tendering entity including any of its joint venture partners terminated during the past 5 years for reasons other than the employer no longer requiring such works or the employer failing to make payment in terms of the contract.

☐ Yes ☐ No (Tick appropriate box)

If yes, provide particulars (interest separate page if necessary)

Section 10: Declaration

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the tendering entity confirms that the contents of this Declaration are within my personal knowledge, and save where stated otherwise in an attachment hereto, are to the best of my belief both true and correct, and:

- i) neither the name of the tendering entity or any of its principals appears on:
 - a) the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 (Act No. 12 of 2004)
 - b) National Treasury's Database of Restricted Suppliers (see www.treasury.gov.za)
- ii) neither the tendering entity or any of its principals has within the last five years been convicted of fraud or corruption by a court of law (including a court outside of the Republic of South Africa);
- iii) any principal who is presently employed by the state has the necessary permission to undertake remunerative work outside such employment (attach permission to this declaration);
- iv) the tendering entity is not associated, linked or involved with any other tendering entities submitting tender offers
- v) has not engaged in any prohibited restrictive horizontal practices including consultation, communication, agreement, or arrangement with any competing or potential tendering entity regarding prices, geographical areas in which goods and services will be rendered, approaches to determining prices or pricing parameters, intentions to submit a tender or not, the content of the submission (specification, timing, conditions of contract etc) or intention to not win a tender;
- vi) has no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
- vii) neither the tenderer or any of its principals owes municipal rates and taxes or municipal service charges to any municipality or a municipal entity and are not in arrears for more than 3 months;
- viii) SARS may, on an on-going basis during the term of the contract, disclose the tenderer's tax compliance status to the Employer and when called upon to do so, obtain the written consent of any subcontractors who are subcontracted to execute a portion of the contract that is entered into in excess of the threshold prescribed by the National Treasury, for SARS to do likewise.

Signed _____ Date _____

Name _____ Position _____

Enterprise _____



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CERTIFICATE OF AUTHORITY

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for the relevant category.

NB: Complete relevant section. Do not write "See Attached"

A Company	B Partnership	C Joint Venture	D Sole Proprietor	E Close Corporation

A. Certificate for company

I,....., chairperson of the board of directors of hereby confirm that by resolution of the board (copy attached) taken on20...., Mr/Mrs.....acting in the capacity of.....was authorised to sign all documents in connection with this tender and any contract resulting from it on behalf of the company.

As witness

1.....
Chairman
2.....
Date

B. Certificate of partnership

We, the undersigned, being the key partners in the business trading as

hereby authorise Mr/Mrs....., acting in the capacity of.....to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.

C. Certificate for Joint Venture

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

This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the partners to the Joint Venture.

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME & CAPACITY

D. Certificate for sole proprietor

I,, hereby confirm that I am the sole owner of the business trading as.....

As Witness:

1.....
Signature: Sole owner

2.....
Date

E. Certificate for Close Corporation

We, the undersigned, being the key members in the business trading as.....hereby authorise Mr/Mrs.....acting in the capacity of....., to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all the key members upon whom rests the direction of the affairs of the Close Corporation as a whole

SBD 1

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO TENDER FOR REQUIREMENTS OF THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE									
TENDER NUMBER:	LDPWRI-BM/20486	CLOSING DATE	As per Tender Advert	CLOSING TIME:	11:00am				
DESCRIPTION	APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE – WATERBERG DISTRICT								
TENDER RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE TENDER BOX SITUATED AT (STREET ADDRESS):									
DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.									
Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.									
TENDERING PROCEDURE ENQUIRIES MAY BE DIRECTED TO									
CONTACT PERSON	Mr. NJ Motsopye								
TELEPHONE NUMBER	0152847126	E-MAIL ADDRESS	motsopyen@dpw.limpopo.gov.za						
CONTACT PERSON (TECHNICAL)	Mr. V. Mhangwane								
TELEPHONE NUMBER	015 284 7173	E-MAIL ADDRESS	mhangwanev@dpw.limpopo.gov.za						
SUPPLIER INFORMATION									
NAME OF TENDERER									
POSTAL ADDRESS									
STREET ADDRESS									
TELEPHONE NUMBER	CODE		NUMBER						
CELLPHONE NUMBER									
E-MAIL ADDRESS									
VAT REGISTRATION NUMBER									
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA				
<table border="0"> <tr> <td>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</td> <td> <input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF] </td> <td>ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</td> <td> <input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW] </td> </tr> </table>						ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]						
QUESTIONNAIRE TO TENDERING FOREIGN SUPPLIERS									
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			<input type="checkbox"/> YES <input type="checkbox"/> NO						
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO						
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO						
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO						
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			<input type="checkbox"/> YES <input type="checkbox"/> NO						
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.									

PART B: TERMS AND CONDITIONS FOR TENDERING

1. TENDER SUBMISSION:
1.1. TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL TENDERS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE TENDER DOCUMENT.
1.3. THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS
2.1 TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 TENDERERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA .
2.4 TENDERERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE TENDER.
2.5 IN TENDERS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE TENDERER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO TENDERS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

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

SIGNATURE OF TENDERER:

.....

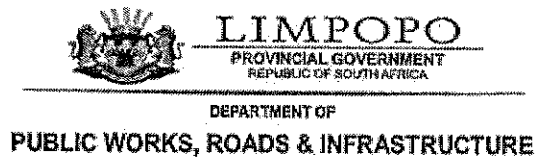
CAPACITY UNDER WHICH THIS TENDER IS SIGNED:

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

.....

DATE:

.....



SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

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

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

Full Name	Identity Number	Name of State institution

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

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

2.2.1. If so, furnish particulars:

.....
.....

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

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 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.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder

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

with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

- 3.7 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.

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

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

TENDER NO.: LDPWRI-BM/20486 - APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE – WATERBERG DISTRICT



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF

PUBLIC WORKS, ROADS & INFRASTRUCTURE

SBD 3.2

PRICING SCHEDULE – NON-FIRM PRICES

(PURCHASES)

NOTE: PRICE ADJUSTMENTS WILL BE ALLOWED AT THE PERIODS AND TIMES SPECIFIED IN THE BIDDING DOCUMENTS.

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder.....	Bid number.....
Closing Time 11:00	Closing date.....

OFFER TO BE VALID FOR **120** DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)
-------------	----------	-------------	--

- Required by:
- At:
- Brand and model:.....
- Country of origin:

- Does the offer comply with the specification(s)? *YES/NO

- If not to specification, indicate deviation(s):

- Period required for delivery:

- Delivery: *Firm/not firm

** "all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

PRICE ADJUSTMENTS

A NON-FIRM PRICES SUBJECT TO ESCALATION

1. IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

2. IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1-V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{R4t}{R4o} \right) + VPt$$

Where:

Pa = The new escalated price to be calculated.
 (1-V)Pt = 85% of the original bid price. **Note that Pt must always be the original bid price and not an escalated price.**
 D1, D2.. = Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1, D2...etc. must add up to 100%.
 R1t, R2t..... = Index figure obtained from new index (depends on the number of factors used).
 R1o, R2o = Index figure at time of bidding.
 VPt = 15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

3. The following index/indices must be used to calculate your bid price:

Index..... Dated..... Index..... Dated..... Index..... Dated.....

Index..... Dated..... Index..... Dated..... Index..... Dated.....

4. FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

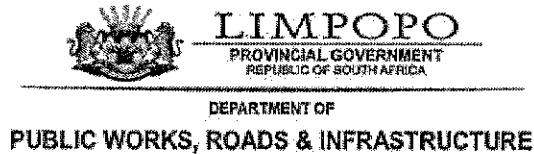
B PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

2. Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE



SBD 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

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

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

- (a) Price; and
- (b) Specific Goals.

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 tender 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:

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

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:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

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 claimed (80/20 system) (To be completed by the tenderer)	Number of points allocated (80/20 system) (To be completed by the organ of state)	

Persons who had no franchise in national elections prior to 1984 and 1994 (Attach Director's Certified ID copy and Company Registration documents)	6	
Women (Attach Director's Certified ID copy and Company Registration documents)	3	
Disabled persons (Attach a letter from a health Professional)	2	
Promotion of SMMEs (Attach financial statement of the preceding financial year)	2	
Enterprises located in Limpopo Province	4	
Promotion of Youth (Attach Director's Certified ID copy and Company Registration documents)	1	
South African owned enterprises (Attach Director's Certified ID copy and Company Registration documents)	2	

DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.3. Name of company/firm.....
- 4.4. Company registration number:
- 4.5. TYPE OF COMPANY/ FIRM [Tick APPLICABLE BOX]
- ☐ Partnership/Joint Venture / Consortium
☐ One-person business/sole propriety
☐ Close corporation
☐ Public Company
☐ Personal Liability Company
☐ (Pty) Limited

- ☐ Non-Profit Company
☐ State Owned Company

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

- (a) disqualify the person from the tendering process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

SIGNATURE(S) OF TENDERER(S)	SURNAME AND NAME:	DATE:	ADDRESS:
--------------------------------------	-------------------------	-------------	---



DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

EVALUATION SCHEDULE 1: FUNCTIONALITY CRITERIA

Technical Criteria	Sub-criteria	Points
Bidder's previous experience for supply, delivery, repairs and development of boreholes	Completed Projects	
	Completion certificates for previous work must be submitted for each project for points to be awarded. Only projects completed in the last 10 years will be considered. Below table shows how points will be allocated.	
		25

Technical Criteria		Sub-criteria		Points
Profile of key staff				
NB: List the details of key staff in Schedule 3. Completion of this table is mandatory for points to be allocated.				
Attached brief CVs (not longer than 4 pager) for all key staff who will be engaged in the delivery of service to LDPWR&I (indicating technical qualifications, copies of qualifications, professional registrations from the relevant council, and previous project experience.				
Certified copies shall be less than 6 months.				
a) Allocation of points for Geohydrological Professional (Max = 10 points)				
Qualifications		Bachelor's degree or B.Tech degree in the Built Environment or Natural Sciences AND professional registration with ECSA as Pr.Eng/Pr.Eng.Tech. or with SACNASP as Pr. Sci. Nat.		5
Relevant Experience in Borehole Development		No Qualification in built environment		0
		3 years or more relevant experience post professional registration		5
		Less than 3 year relevant experience post professional registration		2
		Less than 1 year relevant experience post professional registration		0
b) Allocation of points for Electrician (Max = 10 points)				
Qualifications		Registered Installation electrician for both single and three phase NQF level 3 or above		5
		No Qualification in built environment		0
Relevant Experience (Post Qualification)		3 years or more relevant experience post qualification		5
		Less than 3 year relevant experience post qualification		2
		Less than 1 year relevant experience post qualification		0
c) Allocation of Points for Artisan (Max = 10 points)				
Category		Description		Points
Qualifications		Trade test certificate (N3 – N5) in the built environment		5
		No Qualification in built environment		0

Technical Criteria		Sub-criteria		Points												
		d) Allocation of points for Safety Officer (Max Points = 10 points)														
Relevant Experience (Post Qualification)	3 years or more relevant experience post qualification	5	Less than 3 year relevant experience post qualification	2												
	Less than 1 year relevant experience post qualification	0														
Qualifications	Safety Officer with qualification or training in Construction Health and Safety Officer	5	No professional registration	0												
	3 years or more relevant experience post qualification	5														
Relevant Experience (Post Qualification)	3 years or more relevant experience post qualification	5	Less than 3 year relevant experience post qualification	2												
	Less than 1 year relevant experience post qualification	0														
Plant and equipment		<table><tr><th>Quantity</th><th>Description</th><th>Owned</th><th>Hire</th></tr><tr><td>1</td><td>Borehole Drilling Rig</td><td>Proof of ownership = 7 Signed letter of intent to hire and proof of ownership from hiring company = 3</td><td></td></tr><tr><td>1</td><td>Tipper truck</td><td>Proof of ownership = 3 Signed letter of intent to hire and proof of ownership from hiring company = 1</td><td></td></tr></table>			Quantity	Description	Owned	Hire	1	Borehole Drilling Rig	Proof of ownership = 7 Signed letter of intent to hire and proof of ownership from hiring company = 3		1	Tipper truck	Proof of ownership = 3 Signed letter of intent to hire and proof of ownership from hiring company = 1	
Quantity	Description	Owned	Hire													
1	Borehole Drilling Rig	Proof of ownership = 7 Signed letter of intent to hire and proof of ownership from hiring company = 3														
1	Tipper truck	Proof of ownership = 3 Signed letter of intent to hire and proof of ownership from hiring company = 1														
Company office established in Limpopo province		Bidder should submit proof of company address (must reflect the company's name) established in Limpopo Province. This may be in the form of a Municipal statement/bill, rental or lease agreement, proof of ownership/occupation from Traditional authority. <table><tr><th>Description</th><th>Points</th></tr><tr><td>Company office established in Limpopo Province</td><td>15</td></tr><tr><td>No office in Limpopo Province</td><td>0</td></tr></table>			Description	Points	Company office established in Limpopo Province	15	No office in Limpopo Province	0						
Description	Points															
Company office established in Limpopo Province	15															
No office in Limpopo Province	0															
Bank Rating		Bidder should submit stamped bank letter from financial institution indicating bank letter. Points to be awarded as follows: <table><tr><th>Description</th><th>Points</th></tr><tr><td>Category A & B</td><td>10</td></tr><tr><td>Category C & D</td><td>5</td></tr><tr><td>Category E & above</td><td>0</td></tr></table>			Description	Points	Category A & B	10	Category C & D	5	Category E & above	0				
Description	Points															
Category A & B	10															
Category C & D	5															
Category E & above	0															

TENDER NO.: LDPWRI-BM/20486 - APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE - WATERBERG DISTRICT

Points	Sub-criteria	Technical Criteria
100	TOTAL	



DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

EVALUATION SCHEDULE 2: BIDDER'S PAST EXPERIENCE

Relevant experience in borehole development and maintenance projects completed in time, Attach proof of completion letters for points to be awarded.

Client	Project Description	Project Value	Completion Letter Attached? (YES/NO)	Contact Person & Contact Number



LIMPOPO
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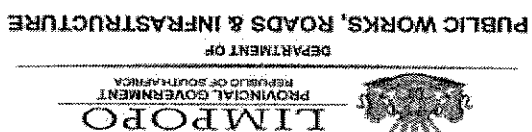
PUBLIC WORKS, ROADS & INFRASTRUCTURE

EVALUATION SCHEDULE 3: BIDDER'S KEY STAFF

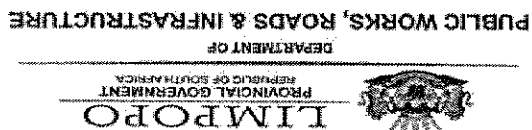
Key staff with relevant experience in borehole development and maintenance projects who will be engaged in the delivery of service to LDPWR&I.

Role	Name and Surname	Qualifications	Professional Registration	Years of Experience Post
Geohydrology Professional				
Electrician				
Artisan				
Health and Safety Officer				

PART C1: AGREEMENT AND CONTRACT DATA



TENDER NO.: LDPWR1-BM/20486 - APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTENANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE - WATERBERG DISTRICT



C1.1. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE FOR 36MONTHS – WATERBERG DISTRICT

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

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

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words): R.....

(in figures) R.....

This offer may be accepted by the employer by signing the acceptance part of this form of offer and validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature(s)

Name(s)

Capacity

For the tenderer:

Name & signature of witness

Date

Acceptance (To be completed by the employer – not the tenderer)

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

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now Consultant) 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.

For the Employer

Signature
Name
Capacity

Name and address of organization

Signature and Name of Witness

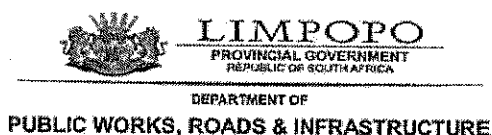
Signature
Name
Capacity

Schedule of Deviations

1 Subject
Details
2 Subject
Details
3 Subject
Details
4 Subject
Details

By the duly authorised representatives signing this agreement, the *Employer* and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the *Employer* during this process of offer and acceptance.

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



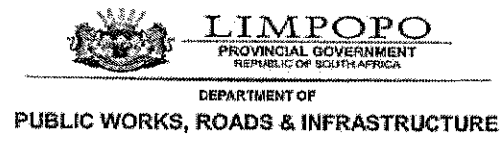
C1.2 CONTRACT DATA

CONTRACT DATA FOR: APPOINTMENT OF TERM CONTRACTORS FOR THE SUPPLY, DELIVERY, INSTALLATION, PREVENTATIVE MAINTAINANCE, REPAIRS AND SERVICING OF BOREHOLES IN LIMPOPO PROVINCE FOR 36 MONTHS – WATERBERG DISTRICT	
1.	CONDITIONS OF CONTRACT The General Conditions of Contract (GCC) for Procurement of Goods and Services, published by National Department of Treasury is applicable.
2.	CONTRACT SPECIFIC DATA The GCC contract is applicable in its entirety, with the following amendments :
	Clause 1.22 : The name of the Employer is : Limpopo Department of Public Works , Roads and Infrastructure
	Clause 8 : Inspection 8.1 . All pre - bidding testing will be for the account of the bidder. 8.2. If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspections tests and analysis, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the employer or an organization acting on behalf of the employer . 8.3. If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract , but during the contract period it is decided that inspections shall be carried out , the employer shall itself make the necessary arrangements , including payment arrangements with the testing authority concerned . 8.4 . If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements , the cost of the inspections , tests and analyses shall be defrayed by the employer .
	Clause 9 : Packaging 9.1 . The bidder shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination , as indicated in the contract . The packing shall be sufficient to withstand , without limitation , rough handling during transit and exposure to extreme temperatures , salt and precipitation during transit , and open storage . Packing , case size and weights shall take into consideration , where appropriate , the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
	Clause 10 : Delivery Delivery of the goods shall be made by the bidder in accordance with the documents and terms specified in the contract . The details of shipping and /or other documents shall be furnished by the employer during the execution of the contract .
	Clause 11 : Insurance The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition , transportation , storage and delivery in the manner specified

	<p>Clause 12 : Transportation</p> <p>The bidder is to transport the goods in its entirety . The prices provided should be inclusive of the cost of transportation .</p>
	<p>Clause 13 : Incidental</p> <p>13.1 . The bidder may be required to provide any or all of the following services, including additional services, If any:</p> <p>13.1.1 . performance or supervision of on - site assembly and/or commissioning of the supplied goods;</p> <p>13.1.2 . furnishing of tools required for assembly and/or maintenance of the supplied goods ;</p> <p>13.1.3 . furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods ;</p> <p>13.1.4 . performance or supervision or maintenance and/or repair of the supplied goods , for a period of time agreed by the parties , provided that this service shall not relieve the supplier of any warranty obligations under this contract ; and</p> <p>13.1.5 . training of the purchaser's personnel , at the supplier's plant and/or on-site , in assembly , start-up , operation, maintenance , and/or repair of the supplied goods.</p> <p>13.2 . Prices charged by the supplier for incidental services , if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services</p>
	<p>Clause 14 : Spare parts</p> <p>The bidder may be required to provide any or all of the following materials, notifications , and information pertaining to spare parts manufactured or distributed by the supplier:</p> <p>14.1.1 . such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and;</p> <p>14.1.2 . in the event of termination of production of the spare parts :</p> <p>14.1.2.1 . advance notification to the purchaser of the pending termination , in sufficient time to permit the purchaser to procure needed requirements ; and</p> <p>14.1.2.2 . following such termination, furnishing at no cost to the purchaser, the blueprints , drawings, and specifications of the spare parts , if requested</p>
	<p>Clause 15: Warranty</p> <p>15.1 The supplier warrants that the goods supplied under the contract are new, unused , of the most recent or current models , and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract . Where applicable , the goods should be from the OEM or supported thereof.</p> <p>The bidder further warrants that all goods supplied under this contract shall have no defect , arising from design , materials , or workmanship (except when the design and /or material is required by the purchaser's specifications) or from any act or omission of the supplier , that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination .</p> <p>15.2 . This warranty shall remain valid for twelve (12) months after the goods , or any portion thereof as the case may be , have been delivered to and accepted at the final destination indicated in the contract .</p> <p>15.3 . The employer shall promptly notify the bidder in writing of any claims arising under this warranty.</p> <p>15.4. Upon receipt of such notice , the bidder shall , within the period and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser .</p> <p>15.5. If the supplier, having been notified , fails to remedy the defect (s) within the period specified , the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract .</p>

	<p>Clause 16 :</p> <p>16.1 For the supply and delivery of new generator sets , the bidders shall be paid once - off after the delivery and commissioning of the unit (s) .</p> <p>16.2 The invoices for repairs and maintenance shall be accompanied by a completed Job card attached herein . The Job card should be duly signed by the employer's agent.</p> <p>16.3 . Invoices may be submitted weekly , monthly or quarterly, depending on the nature of works conducted. Payments shall be made by the employer no later than thirty (30) days after submission of an invoice, statement or claim by the bidder.</p>
	<p>Clause 17 :</p> <p>Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid , with the exception of any price adjustments authorized or in the purchaser's request for bid validity extension , as the case may be .</p> <p>No variation orders shall be accepted .</p>
	<p>Clause 21 : Delays in the bidder's performance</p> <p>21.1 Delivery of the goods , repairs or maintenance and performance of services shall be made by the supplier in accordance with the time schedule prescribed and agreed with the employer in the contract . Repairs of the generator units are expected to be undertaken within 24 hours from the time the call is made by the employer's agent.</p> <p>21.2. If at any time during performance of the contract , the supplier or its subcontractor (s) should encounter conditions impeding timely delivery of the goods and performance of services , the supplier shall promptly notify the employer in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice , the employer shall evaluate the situation and may at his discretion extend the supplier's time for performance , with or without the imposition of penalties , in which case the extension shall be ratified by the parties by amendment of contract .</p> <p>21.3 . The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises , the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.</p> <p>21.4 . Except as provided under GCC Clause 25 , a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties , pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 22 without the application of penalties .</p> <p>21.5 . Upon any delay beyond the delivery period in the case of a supplies contract , the employer shall , without cancelling the contract , be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk , or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights , be entitled to claim damages from the supplier.</p>
	<p>Clause 22 : Penalties</p> <p>Subject to GCC Clause 25 , if the supplier fails to deliver any or all of the goods or to perform the services within the period (s) specified in the contract , the employer shall , without prejudice to its other remedies under the contract , deduct from the contract price , as a penalty , a sum calculated on the delivered price of the delayed goods or unperformed services as follows:</p> <p>The penalty per calendar day shall be : 0.05 % of the Contract Price , rounded to the nearest R10 , for each day of the delay until actual delivery or performance .</p> <p>The employer may also consider termination of the contract pursuant to GCC Clause 23.</p>
	<p>Clause 23 : Termination for default</p> <p>The employer is entitled to terminate the contract in term of Clause 23 of GCC contract.</p>
	<p>Clause 26 : Termination for insolvency</p> <p>The employer may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event , termination</p>

	will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser .
	<p>Clause 27 : Settlement of disputes</p> <p>27.1. If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract , the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation .</p> <p>27.2 . If, after thirty (30) days , the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party .</p> <p>27.3 . Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.</p> <p>27.4 . Notwithstanding any reference to mediation and/or court proceedings herein ,</p> <p>27.4.1 . the parties shall continue to perform their respective obligations under the contract unless they otherwise agree ; and</p> <p>27.4.2 . the employer shall pay the supplier any monies due for goods delivered and / or services rendered according to the prescripts of the contract .</p>
	<p>Clause 29</p> <p>The contract and communication be written in English . All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English .</p>
	<p>Clause 30 : Applicable law</p> <p>The contract shall be interpreted in accordance with South African laws</p>
	<p>Clause 34 : Amendments of the Contract</p> <p>No agreement to amend or vary a contract or order or the conditions , stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties . Any waiver of the requirement that the agreement to amend or vary shall be in writing , shall also be in writing .</p>



PART C2: PRICING DATA



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C2.1 Pricing Instruction

- The bidder is required to provide rates provided in the Bills of Quantities in C2.2.
- The rates provided will be used as contract rates during the execution of the contract with the successful bidder. the rates and the financial offer provided are by no means a contract amount.



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PART C2.2: BILLS OF QUANTITIES

1. SITTING AS PER SANS 10299-1:2003

No.	Description	Unit	Quantity	Rate	Total
1.1	Site establishment	Sum	1	R	R
1.2	Desktop Study	Sum	1	R	R
1.3	Site Assessment	Sum	1	R	R
1.4	Geophysical Survey	Sum	1	R	R
1.5	Magnetic Method	Sum	1	R	R
1.6	Electro Magnetic 34(EM-34) Method	Sum	1	R	R
1.7	PQWT Resistivity Meter	Sum	1	R	R
1.8	Siting Report by registered professional	Sum	1	R	R
1.9	Traveling	km	1	R	R
Subtotal 1 Carried to Summary					R

2. DRILLING AS PER SANS 10299-2:2003

No.	Description	Unit	Quantity	Rate	Total
2.1	Site establishment	Sum	1	R	R
2.2	Drilling supervision	Sum	1	R	R
2.3	165mm Rotary Percussion Drilling with Foam	m	1	R	R
2.4	164 x 4mm u-PVC Borehole Casing	m	1	R	R
2.5	Sanitary Seal	Sum	1	R	R
2.6	Borehole Protection	Sum	1	R	R
Subtotal 2 Carried to Summary					R

3. BOREHOLE TESTING AS PER SANS 10299-4:2003

No.	Description	Unit	Quantity	Rate	Total
3.1	Borehole Yield Test (12 hr step test)	Sum	1	R	R
Subtotal 3 Carried to Summary					R

4. WATER QUALITY ANALYSIS AS PER SANS 241:2015					
No.	Description	Unit	Quantity	Rate	Total
4.1	Taking of water sample and testing borehole water by a SANAS accredited laboratory for adequacy of Human consumption (chemistry and biological content). Analysis of the results.	Sum	1	R	R
4.2	Final Borehole Testing Report by registered professional (incl. drilling report and testing results)	Sum	1	R	R
Subtotal 4 Carried to Summary					R
5. NEW EQUIPPING AND INSTALLATIONS (Supply, delivery and installation - including labour)					
No.	Description	Unit	Quantity	Rate	Total
5.1	Electrical fittings (control box)	Sum	1	R	R
5.2	Level control valve complete with all fittings	No.	1	R	R
5.3	Power connection from Main building kiosk	m	1	R	R
5.4	6m high Steel Tank Stand for a 10kl PVC tank as per Drawing No. BM/M/003	No.	1	R	R
5.5	5000L polyethylene water tank	No.	1	R	R
5.6	10 000L polyethylene water tank	No.	1	R	R
5.7	Pipework				
5.7.1	Site Clearance				
5.7.2	Hand excavation in soft soil for trenches up to 1m wide to depth of 1m	m	1	R	R
5.7.3	Mechanical excavation in medium soil for trenches up to 1m wide to depth of 1m	m	1	R	R
5.7.4	Excavation in hard rock for trenches up to 1m wide to depth of 1m	m	1	R	R
5.7.5	Insitu bedding material, lightly compacted as per drawing BM/M/004	m ³	1	R	R
5.7.6	Imported bedding material from local borrow pit within 10km radius, lightly compacted as per drawing BM/M/004	m ³	1	R	R

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No.	Description	Unit	Quantity	Rate	Total
5.7.7	Insitu selected fill material compacted to 95% MOD AASHTO as per drawing BM/M/004	m ³	1	R	R
5.7.8	Imported selected fill material from local borrow pit within 10km radius, lightly compacted as per drawing BM/M/004	m ³	1	R	R
5.7.9	Overhaul for distance over 10km radius	m ³ /km	1	R	R
5.7.10	25mm HDPE Pipe, complete with Compression Fittings	m	1	R	R
5.7.11	50mm HDPE Pipe, complete with Compression Fittings	m	1	R	R
5.7.12	50mm Galvanised pipes from tank, complete with threading and bends as per drawing BM/M/004	m.	1	R	R
5.7.13	50mm dia. brass type isolating valve BM/M/004	No.	1	R	R
5.7.14	Masonry valve chamber as per drawing BM/M/004, complete with all earthworks, masonry, concrete and steel cover.	No.	1	R	R
5.8	Borehole equipping as per drawing BM/M/001 – All Pipe Fittings Galvanised				
5.8.1	25mm dia. Male Adaptor	No.	1	R	R
5.8.2	280mm dia. Metal base plate – double choke	No.	1	R	R
5.8.3	65mm dia. 90 degree elbow	No.	1	R	R
5.8.4	65mm dia. Flanged water flow meter	No.	1	R	R
5.8.5	65mm dia. Galvanised pipe, schedule 40	No.	1	R	R
5.8.6	65mm dia. Heavy duty galvanised tee complete with plug fitted to branch to pressure switch on electrical installations	No.	1	R	R
5.8.7	65mm dia. mechanical pressure gauge, with a 100mm dial and filled with glycerine, with a range from 200 to 1 200kpa, complete with ball isolating valve and piping.	No.	1	R	R
5.8.8	65mm dia. heavy duty galvanized reducing tee for pressure gauge	No.	1	R	R
5.8.9	65mm dia. Tilt disc non-return valve	No.	1	R	R

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No.	Description	Unit	Quantity	Rate	Total
5.8.10	65mm dia. brass type isolating valve	No.	1	R	R
5.8.11	200x100mm borehole steel info plate	No.	1	R	R
5.8.12	Lockable Security Box (Grey Box) for pump as per drawing BM/M/001, complete with concrete works and steel box	No.	1	R	R
5.8.13	Steel Cage (Booster pump)	No.	1	R	R
Subtotal 5 Carried to Summary					R
6. NEW WATER TREATMENT (Supply, delivery and installation – including labour)					
No.	Description	Unit	Quantity	Rate	Total
6.1	Site clearance and preparations	m ²	1	R	R
6.2	25MPa concrete floor slab where required	m ³	1	R	R
6.3	5kl per day Reverse Osmosis plant complete with container and all fittings	No.	1	R	R
6.4	10kl per day Reverse Osmosis plant complete with container and all fittings	No.	1	R	R
6.5	15kl per day Reverse Osmosis plant complete with container and all fittings	No.	1	R	R
6.6	5kl per day Carbon Activated plant complete with container and all fittings	No.	1	R	R
6.7	10kl per day Reverse Osmosis plant complete with container and all fittings	No.	1	R	R
6.8	15kl per day Reverse Osmosis plant complete with container and all fittings	No.	1	R	R
Subtotal 6 Carried to Summary					R
7. NEW SUBMERSIBLE PUMPS COUPLED TO MOTORS (Supply, delivery and installation - including labour)					
No.	Description	Electrical Power input (kW)	Quantity	Rate	Total
7.1	Single phase submersible borehole pump and motor	0,37	1	R	R
7.2		0,55	1	R	R

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7.3		0,75	1	R	R
No.	Description	Electrical Power input (kW)	Quantity	Rate	Total
7.4		1	1	R	R
7.5		1,5	1	R	R
7.6		2,2	1	R	R
7.7		3	1	R	R
7.8		3,7	1	R	R
7.9	Three phase submersible borehole pump and motor	0,75	1	R	R
7.10		1	1	R	R
7.11		1,5	1	R	R
7.12		2,2	1	R	R
7.13		3	1	R	R
7.14		4	1	R	R
7.15		5,5	1	R	R
7.16		7,5	1	R	R
7.17		11	1	R	R
Subtotal 7 Carried to Summary					R
8. REPAIRS AND RENOVATIONS (Supply, delivery and installation – including labour)					
No.	Description	Unit	Quantity	Rate	Total
8.1	Removal of existing non-functioning borehole	No.	1	R	R
8.2	Testing of existing borehole (12hr step test)	No.	1	R	R
8.3	Water quality test for existing borehole – chemistry and biological content	No.	1	R	R
8.4	Testing report prepared and signed off by a registered professional	No.	1	R	R
Subtotal 8 Carried to Summary					R

9. REPLACEMENT OF PARTS FOR SUBMISSIBLE PUMPS WITH A SINGLE-PHASE MOTOR RATED BETWEEN 0.3kW AND 4kW FOR ALL DIAMETERS. (Supply, delivery and installation - including labour)					
No.	Description	Unit	Quantity	Rate	Total
9.1	Hydraulic pump				
9.1.1	Discharge lock	No.	1	R	R
9.1.2	Screw	No.	1	R	R
9.1.3	Washer	No.	1	R	R
9.1.4	Shaft sleeve (PC + GF)	No.	1	R	R
9.1.5	Stage inlet cover	No.	1	R	R
9.1.6	Friction sleeve	No.	1	R	R
9.1.7	Diffuser	No.	1	R	R
9.1.8	Impeller	No.	1	R	R
9.1.9	Shaft sleeve (Stainless steel)	No.	1	R	R
9.1.10	Shaft and coupling (Stainless steel)	No.	1	R	R
9.1.11	Suction interconnector	No.	1	R	R
9.1.12	Cable guard	No.	1	R	R
9.1.13	Hydraulic pump assembly	No.	1	R	R
9.2	Electric Motor oil filled				
9.2.1	Cable	m	1	R	R
9.2.2	Sand Slinger	No.	1	R	R
9.2.3	Mechanical seal	No.	1	R	R
9.2.4	Motor Shaft	No.	1	R	R
9.2.5	Cover	No.	1	R	R
9.2.6	O-Ring	No.	1	R	R
9.2.7	Brackets	No.	1	R	R
9.2.8	Outer shell	No.	1	R	R
9.2.9	Ball Bearings	No.	1	R	R
9.2.10	Diaphragm	No.	1	R	R
9.2.11	Oil	L			
9.2.12	Electric motor assembly	No.	1	R	R
Subtotal 9 Carried to Summary					R

10. REPLACEMENT OF PARTS FOR SUBMISSIBLE PUMPS WITH A SINGLE-PHASE MOTOR RATED BETWEEN 4kW under 11kW FOR ALL DIAMETERS. (Supply, delivery and installation - including labour)					
No.	Description	Unit	Quantity	Rate	Total
10.1	Hydraulic pump				
10.1.1	Discharge lock	No.	1	R	R
10.1.2	Screw	No.	1	R	R
10.1.3	Washer	No.	1	R	R
10.1.4	Shaft sleeve (PC + GF)	No.	1	R	R
10.1.5	Stage inlet cover	No.	1	R	R
10.1.6	Friction sleeve	No.	1	R	R
10.1.7	Diffuser	No.	1	R	R
10.1.8	Impeller	No.	1	R	R
10.1.9	Shaft sleeve (Stainless steel)	No.	1	R	R
10.1.10	Shaft and coupling (Stainless steel)	No.	1	R	R
10.1.11	Suction interconnector	No.	1	R	R
10.1.12	Cable guard	No.	1	R	R
10.1.13	Hydraulic pump assembly	No.	1	R	R
10.2	Electric Motor oil filled				
10.2.1	Cable	m	1	R	R
10.2.2	Sand Slinger	No.	1	R	R
10.2.3	Mechanical seal	No.	1	R	R
10.2.4	Motor Shaft	No.	1	R	R
10.2.5	Cover	No.	1	R	R
10.2.6	O-Ring	No.	1	R	R
10.2.7	Brackets	No.	1	R	R
10.2.8	Outer shell	No.	1	R	R
10.2.9	Ball Bearings	No.	1	R	R
10.2.10	Diaphragm	No.	1	R	R
10.2.11	Oil	Litre	1	R	R
10.2.12	Electric motor assembly	No.	1	R	R
Subtotal 10 Carried to Summary					R

11. REPLACEMENT OF PARTS FOR SUBMISSIBLE PUMPS WITH A THREE-PHASE MOTOR RATED BETWEEN 0.3kW under 4kW FOR ALL DIAMETERS. (Supply, delivery and installation - including labour)					
No.	Description	Unit	Quantity	Rate	Total
11.1	Hydraulic pump				
11.1.1	Discharge lock	No.	1	R	R
11.1.2	Screw	No.	1	R	R
11.1.3	Washer	No.	1	R	R
11.1.4	Shaft sleeve (PC + GF)	No.	1	R	R
11.1.5	Stage inlet cover	No.	1	R	R
11.1.6	Friction sleeve	No.	1	R	R
11.1.7	Diffuser	No.	1	R	R
11.1.8	Impeller	No.	1	R	R
11.1.9	Shaft sleeve (Stainless steel)	No.	1	R	R
11.1.10	Shaft and coupling (Stainless steel)	No.	1	R	R
11.1.11	Suction interconnector	No.	1	R	R
11.1.12	Cable guard	No.	1	R	R
11.1.13	Hydraulic pump assembly	No.	1	R	R
11.2	Electric Motor oil filled				
11.2.1	Cable	m	1	R	R
11.2.2	Sand Slinger	No.	1	R	R
11.2.3	Mechanical seal	No.	1	R	R
11.2.4	Motor Shaft	No.	1	R	R
11.2.5	Cover	No.	1	R	R
11.2.6	O-Ring	No.	1	R	R
11.2.7	Brackets	No.	1	R	R
11.2.8	Outer shell	No.	1	R	R
11.2.9	Ball Bearings	No.	1	R	R
11.2.10	Diaphragm	No.	1	R	R
11.2.11	Oil	Litre	1	R	R
11.2.12	Electric motor assembly	No.	1	R	R
Subtotal 11 Carried to Summary					R

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12. REPLACEMENT OF PARTS FOR SUBMISSIBLE PUMPS WITH A THREE-PHASE MOTOR RATED BETWEEN 4kW under 11kW FOR ALL DIAMETERS. (Supply, delivery and installation - including labour)					
No.	Description	Unit	Quantity	Rate	Total
12.1	Hydraulic pump				
12.1.1	Discharge lock	No.	1	R	R
12.1.2	Screw	No.	1	R	R
12.1.3	Washer	No.	1	R	R
12.1.4	Shaft sleeve (PC + GF)	No.	1	R	R
12.1.5	Stage inlet cover	No.	1	R	R
12.1.6	Friction sleeve	No.	1	R	R
12.1.7	Diffuser	No.	1	R	R
12.1.8	Impeller	No.	1	R	R
12.1.9	Shaft sleeve (Stainless steel)	No.	1	R	R
12.1.10	Shaft and coupling (Stainless steel)	No.	1	R	R
12.1.11	Suction interconnector	No.	1	R	R
12.1.12	Cable guard	No.	1	R	R
12.1.13	Hydraulic pump assembly	No.	1	R	R
12.2	Electric Motor oil filled				
12.2.1	Cable	m	1	R	R
12.2.2	Sand Slinger	No.	1	R	R
12.2.3	Mechanical seal	No.	1	R	R
12.2.4	Motor Shaft	No.	1	R	R
12.2.5	Cover	No.	1	R	R
12.2.6	O-Ring	No.	1	R	R
12.2.7	Brackets	No.	1	R	R
12.2.8	Outer shell	No.	1	R	R
12.2.9	Ball Bearings	No.	1	R	R
12.2.10	Diaphragm	No.	1	R	R
12.2.11	Oil	Litre	1	R	R
12.2.12	Electric motor assembly	No.	1	R	R
Subtotal 12 Carried to Summary					R

13. SUPPLY, DELIVERY AND INSTALLATION OF COMPACT CENTRIFUGAL WATER PUMPS COUPLED TO MOTORS (Supply, delivery and installation – Including labour)					
No.	Description	Unit	Quantity	Rate	Total
13.1	60Hz, 50Hz Electrical horizontal compact centrifugal pump	0,37	1	R	R
13.2		0,4	1	R	R
13.3		0,75	1	R	R
13.4		1	1	R	R
13.5		1,5	1	R	R
13.6		2,2	1	R	R
13.7		3	1	R	R
13.8		3,7	1	R	R
13.9		4	1	R	R
13.10		5,5	1	R	R
13.11		7,5	1	R	R
13.12		11	1	R	R
Subtotal 13 Carried to Summary					R
14. REPAIRS AND RENOVATIONS (Supply, delivery and installation – including labour)					
No.	Description	Capacity (L)	Quantity	Rate	Total
14.1	Polyethylene plain pressure vessel	50	1	R	R
14.2		100	1	R	R
14.3		120	1	R	R
14.4		150	1	R	R
14.5		200	1	R	R
14.6	Stainless steel shell Plein pressure vessel	24	1	R	R
14.7		36	1	R	R
14.8		50	1	R	R
14.9		60	1	R	R
14.10		100	1	R	R
14.11		120	1	R	R

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14.12		150	1	R	R
14.13		200	1	R	R
No.	Description	Capacity (L)	Quantity	Rate	Total
14.14	Stainless steel shell Diaphragm pressure vessel	2	1	R	R
14.15		8	1	R	R
14.16		18	1	R	R
14.17		25	1	R	R
14.18		80	1	R	R
14.19		100	1	R	R
14.20		140	1	R	R
14.21		200	1	R	R
14.22		300	1	R	R
14.23		400	1	R	R
14.24	Stainless steel shell Bladder pressure vessel	8	1	R	R
14.25		19	1	R	R
14.26		24	1	R	R
14.27		40	1	R	R
14.28		60	1	R	R
14.29		100	1	R	R
14.30		140	1	R	R
14.31		200	1	R	R
14.32		280	1	R	R
14.33		430	1	R	R
Subtotal 14 Carried to Summary					R
15. SUPPLY, DELIVERY AND INSTALLATION AND ACTIVITIES OF FAULT CALL MAINTENANCE ACTIVITIES OF WATER PRESSURE TANKS. (Supply, delivery and installation – including labour)					
No.	Description	Unit	Quantity	Rate	Total
15.1	Plain pressure tank				
15.1.1	Epoxy coating	Litre	1	R	R
15.1.2	Valve checks	No.	1	R	R

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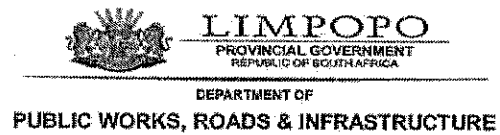
15.1.3	Sealing of leakages	No.	1	R	R
15.1.4	Pressure checks	No.	1	R	R
15.1.5	Release valve replacement	No.	1	R	R
No.	Description	Unit	Quantity	Rate	Total
15.1.6	Cleaning	No.	1	R	R
15.1.7	Water purification tablets	Per 100g	1	R	R
15.1.8	Water logging maintenance	No.	1	R	R
15.1.9	Air pressure restoration	No.	1	R	R
15.2	Bladder Pressure tank				
15.2.1	Valve checks	No.	1	R	R
15.2.2	Air pressure restoration	No.	1	R	R
15.2.3	Leakage checks	No.	1	R	R
15.2.4	Bladder cleaning	No.	1	R	R
15.2.5	Bladder replacement	No.	1	R	R
15.2.6	Release valve replacement	No.	1	R	R
15.3	Diaphragm pressure tank				
15.3.1	Air pressure restoration	No.	1	R	R
15.3.2	Valve checks	No.	1	R	R
15.3.3	Water purification tablet	No.	1	R	R
15.3.4	Cleaning	No.	1	R	R
15.3.5	Pressure checks	No.	1	R	R
15.3.6	Release valve replacement	No.	1	R	R
Subtotal 15 Carried to Summary					R
15. SUPPLY, DELIVERY AND INSTALLATION AND ACTIVITIES OF FAULT CALL MAINTENANCE ACTIVITIES OF WATER PURIFICATION SYSTEMS. (Supply, delivery and installation – including labour)					
No.	Description	Unit	Quantity	Rate	Total
16.1	Carbon activated				
16.1.1	Water conditioner	No.	1	R	R
16.1.2	Pre filter membranes 20inch 3pack	No.	1	R	R
16.1.3	Post filter membrane	No.	1	R	R

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16.1.4	Ultraviolet lamp	No.	1	R	R
16.1.5	Copper-Zinc Filter	No.	1	R	R
16.1.6	Valve checks	No.	1	R	R
16.1.7	Leakage closing	No.	1	R	R
No.	Description	Unit	Quantity	Rate	Total
16.1.8	Pex tubing 20mm	m	1	R	R
16.2	Reverse osmosis				
16.2.1	Sediment 5 Micron Filter	No.	1	R	R
16.2.2	Granule Activated Carbon	No.	1	R	R
16.2.3	Activated Carbon Block	No.	1	R	R
16.2.4	Post Filter (Taste & Odor)	No.	1	R	R
16.2.5	Alkaline Filter	No.	1	R	R
16.2.6	Membrane 50 GPD	No.	1	R	R
Subtotal 16 Carried to Summary					R
17. LABOUR AND TRAVELLING					
No.	Description	Unit	Quantity	Rate	Total
17.1	Technician (only for items not included above)	hrs	1	R	R
17.2	Artisan (only for items not included above)	hrs	1	R	R
17.3	Health and Safety Officer (only for items not included above)	hrs	1	R	R
17.4	Traveling	km	1	R	R
Subtotal 17 Carried to Summary					R

SUMMARY	
SUBTOTAL 1	R
SUBTOTAL 2	R
SUBTOTAL 3	R
SUBTOTAL 4	R
SUBTOTAL 5	R
SUBTOTAL 6	R
SUBTOTAL 7	R
SUBTOTAL 8	R
SUBTOTAL 9	R
SUBTOTAL 10	R
SUBTOTAL 11	R
SUBTOTAL 12	R
SUBTOTAL 13	R
SUBTOTAL 14	R
SUBTOTAL 15	R
SUBTOTAL 16	R
SUBTOTAL 17	R
TOTAL	R
Vat @ 15%	R
TOTAL CARRIED TO FORM OF OFFER	R

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PART C3 SCOPE OF WORKS

PART C3.1: SCOPE OF WORKS

1. Employers Objectives

Limpopo Department of Public Works , Roads and Infrastructure invites tenders for the supply, delivery, installation, preventative maintainance, repairs and servicing of boreholes in limpopo province. The department will enter into term contract with two successful tenderers for a period of 36 months without a guarantee of the quantum of work.

LDPWRR&I or any other department or organs of state including Municipalities and State Owned Entities may make use this contract and issue Task Orders for work falling within the scope of the contracts.

2. Extent of scope of works

2.1 Supply , delivery and installation of boreholes

The scope involves the supply, delivery, installation, preventative maintainance, repairs and servicing of boreholes,including the new borehole development with associated studies.

2.2 Maintenance , repairs and servicing

Maintenance

The maintenance involves servicing , diagnosing , repairing , reporting , and testing of existing boreholes. Servicing refers to performing routine preventive maintenance as prescribed by the original equipment manufacturer (OEM), LDPWR&I's planned maintenance routines , and applicable legal and design standards as outlined in the contract .

Repairs

Repairs refers to responding to breakdowns, callouts and restoring the equipment to safe working conditions within agreed timelines. The service provide will not be allowed to attend to repairs or maintenance without prior approval from the employer's agent.

All calls are to be attended to within 24 hours from the time the bidder receive the call from LDPWR &I agent .

Reporting involves diagnosing faults and breakdowns and providing failure analysis and recommendation reports on a timely basis .

3. 3. Statutory requirements

- ✓ The Code of Practice for Wiring of Premises - SABS 0142-1
- ✓ The Occupational Health and Safety Act , Act 85 of 1993 - as amended .
- ✓ The municipal by-laws and any special requirements of the local supply authority
- ✓ The local fire regulations
- ✓ Department Standard Quality Specification for standby diesel alternator sets and ISO 9001 : 2000
- ✓ All relevant Departmental Quality specifications referred to in the standard specification .
- ✓ Code of Practice for Water Quality for Domestic Water - SANS 241:2015
- ✓ Code of Practice for Water Quality for Borehoel Developemnt - SANS 10299-1:2003
- ✓ Code of Practice for Civil Works – SANS 1200

PART C3.2: SPECIFICATIONS

1. Specification intent

The purpose of this specification is to outline the requirements and the procedures to be followed by both the Employer and the contractor for the supply, maintenance, and commissioning of the domestic water supply boreholes. Notify the contractor that all component referred to in this specification were not invented by the principal agent or the consulting engineer. But only selected from existing market part and it is up to the contractor to find what type of equipment was selected.

2. Scope of works

The appointed contractor is to perform the following works for the Employing department.

- 2.1 Attend to fault calls for all water supply related equipment, infrastructure, and tests as requested by the department's authority.
- 2.2 Perform both preventative and corrective maintenance for all the water supply related equipment and infrastructure as recommended by the manufacturer.
- 2.3 Perform all the necessary tests for water supply.
- 2.4 Supply all the related equipment and infrastructure as per acceptable quotations.
- 2.5 Drilling of boreholes and equipping of new the boreholes as per professional recommendations.
- 2.6 Rehabilitation of existing boreholes as per professional recommendations.
- 2.7 Assess and report on the current condition of the existing water supply infrastructure in the authorised parameter.
- 2.8 Registration of the boreholes with the relevant Water and Sanitation Department under the ownership of the Employer.
- 2.9 Chlorination.
- 2.10 Installation and maintenance of water purification and filtering systems.

3. General requirements

3.1 General

The contractor shall attend to fault calls, inspections, preventative and corrective maintenance, supply and installation of equipment, perform tests, modification and rehabilitation of the domestic water supply infrastructure in an authorised specified perimeter to meet all the performance requirements by the local authority. All materials, equipment and appliances shall be originated from the original or reputable manufacturers.

All materials and workmanship shall comply with all relevant sections of the latest edition of the following and all current amendments thereto issued, unless otherwise specified on a particular Works Order or instructed by the Employer: -

- a) The latest issue of SANS 10142: "Code of Practice for the Wiring of Premises",
- b) The Occupational Health and Safety Act, 1993 (Act 85 of 1993) as amended,
- c) The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority,
- d) The Fire Brigade Services Act 1993 Act 99 of 1987 as amended,
- e) The National Building Regulations and Building Standards Act 1977 (Act 103 of 1977) as emended,
- f) The Post Office Act 1958 (Act 44 of 1958) as amended,

g) The Electricity Act 1984 (Act 41 of 1984) as amended and

All work shall be in accordance with the requirements of all the standards mentioned above.

Equipment and materials utilised shall be new and approved by the local authorities having the appropriate jurisdiction.

The Contractor shall provide sufficient qualified technical staff, field staff and safety personnel to ensure the Works under this contract be satisfactorily carried out safely and meeting the performance targets and programmes.

3.2 Fault call

The Contractor will be contacted telephonically by the local authority to attend to corrective maintenance of the water supply infrastructure. The call must be attended to within 2 working days. The contractor will do the technical inspections, notify the local authority by a written report or in form of an invoice listing all the required works including materials within 2 working prior the inspection. The contractor shall then commence the works within 2 days prior receiving the approval.

3.3 Site establishment

The contractor shall ensure that the working site is safe and secured to carry out any works. The parameter must be isolated by demarcations, fence, and all the relevant signage.

3.4 Chemical and biological water quality testing

All chemical and biological water quality testing shall be conducted by a qualified professional and at a competent laboratory approved by the authority. The results are to be submitted in form of a written report by the contractor to the relevant local authority with recommendations. All tests on existing boreholes are to be conducted on a fault call basis. And for new boreholes at the relevant stage of the working programme.

3.5 Borehole constant charge yield testing

The contractor is to perform a borehole constant charge yield test for both new and existing boreholes. The existing equipment shall be removed from the borehole and the test equipment shall be provided by the contractor. A report with the result and recommendations shall be submitted to the local authority.

3.6 Geo-Hydrological Services

A geo-Hydrological report to be submitted by a competent hydrologist with recommendations for both new drilling and rehabilitation of the boreholes. The report **MUST** be signed by a professional registered with ECSA or SACNASP.

3.7 Existing material

All existing materials and equipment removed from the site shall be submitted to the local authority for safe keeping.

3.8 PVC Tank on elevated Steel stand

Standard drawings and designs will be provided to the contractor where new storage tanks are required.

3.9 Borehole rehabilitation

The rehabilitation of the existing borehole must be done as per the geo-Hydrological report recommendations and approved by the local authority. Some of the rehabilitation activities include but are not limited to drilling of a collapsed borehole, replacement of the existing equipment, chemical purification of the ground water and/or stored water, installation of water purification equipment and increasing of the borehole depth.

3.10 Regular maintenance and frequent activities

The contractor is responsible for the regular maintenance activities which includes the supply and dispensing of the purification chemical, regular maintenance of the mechanical purification equipment, and cleaning of the water storage system and/or drying of the site on a call or agreed fixed frequent basis. A quarterly report on the status of all the boreholes will be required.

3.11 Information submitted to the employer

In addition to the requirement of staff organization, Contractor's facilities, programs, plant logs and reports, etc. that stipulated in the specification, the Contractor shall obtain the approval from the Employer, and notify the Employer or his representative the method, sequence and program for execution of the works prior to the execution of the Works in all cases of maintenance, overhaul, repair, modification, addition and/or improvement work.

The Contractor shall, always, ensure no/minimal interference to client and other contractors on site during the whole course of execution of the works. Failure in compliance with this requirement, the Contractor shall indemnify the Employer against any claim arising from his fault.

3.12 Logbook

The logbook shall be provided by the Contractor and kept at management offices of management agent or Employer's representative, or appropriate places on site as agreed by the Employer. Every attendance and detail of work done to the infrastructure shall be entered into the logbook by the Contractor to form a maintenance record, and/or to certify the Contractor's attendance visits as required by this Contract. The logbook entries will be taken as record for the services provided by the Contractor. The Employer's Representative will check the entries randomly to ascertain the work described in the Contract properly executed.

In addition to record in the logbook, the Contractor shall also inform the Employer's Representative in writing for any anomaly found during the routine and/or call inspection which may not cause present danger to the passenger, but awareness is to be taken.

If the logbook is damaged, lost or fully complete, the Contractor shall inform the Employer's Representative immediately for its replacement. The replacement of logbooks and their return to the

Employer's representative or other party as designated by the Employer is the responsibility of the Contractor under the Contract.

3.13 Access control

The Contractor shall ensure that the infrastructure included in this Contract is properly and adequately executed in good working order, safe operation condition and for their

efficient performance. Before leaving the site and on completion of execution of works each time, the Contractor shall be report to the Facilities Management department for the signing off each job card. In the event of an emergency, afterhours or weekend work, all job cards shall be signed off by the Security Control Room as would be directed to the Contractor during such incidences.

3.14 Equipment

No unauthorized modifications shall be made to the equipment. All equipment installed must as per the authority's specification.

3.15 Design

For the installation of new equipment, the contractor shall follow all the approved designs submitted to them by the authorities unless otherwise specified. The department reserves the right to issue any designs of the systems. Manufacturers designs will be considered.

3.16 Materials

All the materials and tools shall be supplied by the contractor.

3.17 Drilling Depth

The standard borehole drilling depth is 200m unless otherwise specified by the geo-hydrological report.

3.18 Safety

It is the responsibility of contractor to construct a locked access safety structure specified by the department. The employed staff must have training with relevant experience. And personnel protective equipment must worn at all times on site.

3.19 Electrification

All electrical works shall be installed and maintained by the contractor.

3.20 Distribution

This specification applies only the water supply system this includes following equipment only.

- Water storage tanks (5kl PVC) and stands (3m Steel).
- All the pipe work until the valve connected to the main water supply pipe entering the building.
- Pumps and pressure vessels.
- Screening and filtering systems.
- Electrical works up to the distribution box connected supply to the site.
- The borehole infrastructure and equipment

3.21 Environmental Considerations

Prevent contamination and protect the surrounding ecosystems.

3.22 Chemical Purification

3.23 Water filtering

3.24 Screening systems

4. New borehole drilling

When a borehole is being drilled at a facility the following procedure will be followed in the order listed below, and all the activities are the responsibility of the appointed contractor.

The geohydrological site studied must be done and a siting report provided to the LDPWR&I engineer. This report must be signed by a registered professional, and must include a proposed drilling location as well and an indication of the anticipated drill depth. Once approved the contractor may proceed with drilling. All drilling must be supervised by a competent person. The department must be informed so that a representative is also present on site for the drilling.

After the drilling 12-hour step tests and water quality tests must be conducted by a SANAS accredited laboratory. The geohydrologist must then analyse the results and prepare a final report detailing the drilling and the test result interpretation and recommendations.

Where the water quality not suitable for consumption (class 3 and above) quotations for an adequately sized water treatment system shall be sourced. Only on approval of the quotation by the engineer shall the equipping of the borehole and installation of the treatment, as well as the storage tank and stand commence.

No borehole shall be equipped where the water quality is poor and an alternative for water treatment has not been approved. All costs for work not approved shall be borne by the contractor.

5. Maintenance of the existing infrastructure.

The following activities are regarded as maintenance of the existing infrastructure.

Civil

Item	Activity
	Pipes and Storage
	Repair of leaking pipes and fittings
	Replacement of existing HDPE pipes
	Replacement of Galvanised pipes
	Repainting and welding of damaged steel stands
	Replacement of leaking PVC tanks

Electrical

Item	Activity
	Control box repairs
	Power supply connection repairs
	Flow control and borehole automation
	Repair of flow control

Mechanical

Item	Activity
	Submersible pump
	Lubrication
	Seal replacement
	Check valve inspection
	Cleaning
	Equipment restoration
	Booster pump -Centrifugal
	Lubrication
	Seal replacement
	Rust prevention
	Closing of leaks
	Valve checks
	Controller checks
	Bearing checks
	replacement of worn-out part
	Cleaning
	connection checks
	Leakage closing
	Screens and filters
	Cleaning of the screens and filters
	Leak checking

Water purification - Carbon activated

Description	Activity
Water conditioner	Replacement
Pre filter membranes 20inch 3pack	Replacement
Post filter membrane	Replacement
Ultraviolet lamp	Replacement
Copper-Zinc Filter	Replacement
Valve checks	Service
Leakage checks	On Diagnosis
Leakage closing	On Diagnosis
Pex tubing 20mm	Replacement

Water purification - Reverse Osmosis

	Sediment 5 Micron Filter	Replacement
	Granule Activated Carbon	Replacement
	Activated Carbon Block	Replacement
	Post Filter (Taste & Odour)	Replacement
	Alkaline Filter	Replacement
	Membrane 50 GPD	Replacement

PART C3.2: STANDARD DRAWINGS

[illegible]

NO.	DATE	AMENDMENT	SHEET
REV E	20/07/2024	REVISION FOR TENDRIL	01 OF 01

<p>GENERAL CONSTRUCTION NOTES</p> <p>1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH THE RELEVANT AND RELEVANT SPECIFICATIONS.</p> <p>2. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE.</p> <p>3. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>4. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>5. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>6. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>7. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>8. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>9. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>10. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p>	<p>CONSTRUCTION REQUIREMENTS</p> <p>1. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>2. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>3. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>4. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>5. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>6. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>7. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>8. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>9. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p> <p>10. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE RELEVANT AND RELEVANT SPECIFICATIONS AND THE PROJECT SPECIFICATION.</p>
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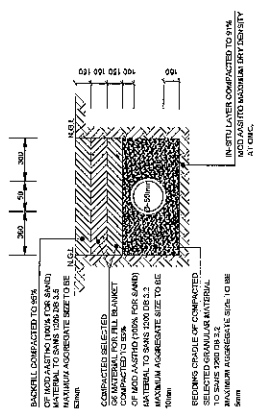
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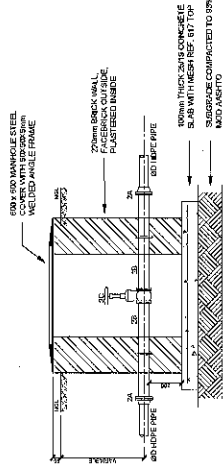
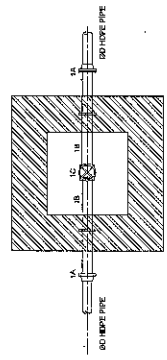
STRUCTURAL ENGINEERING

SUPPLY, DELIVERY AND MAINTENANCE OF BOREHOLES TERM CONTRACT

PROJECT NUMBER: LDPWR&I - BM/
DRAWING TITLE: TANK AND PIPE DETAILS
REVISION: N/A
SCALE: N/A
DATE: 20/07/2024
DRAWING NO: 01 OF 01



TYPICAL BEDDING DETAILS
FOR FLEXIBLE PIPES CLASS D



500 X 500mm ISOLATION VALVE CHAMBER DETAILS

