

**SBD 1
PART A
INVITATION TO BID**

BID NUMBER:	RFQ: 366/2025/26	CLOSING DATE:	23/09/2025	CLOSING TIME:	11H00
DESCRIPTION	REQUEST FOR QUATION: STORM DAMAGED SCHOOLS PROGRAMME GEOHYDROLOGICAL PROFESSIONAL SERVICES FOR NKOTA SECONDARY SCHOOL AND MOOKOTSI PRIMARY SCHOOL.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS) NO 43 CHURCH STREET POLOKWANE					

Please fill in the forms by hand do not type the forms.

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

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]

QUESTIONNAIRE TO BIDDING 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 BIDDING

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

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

SBD4

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

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,

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.

(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.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder 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.
- 3.6 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.

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.

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

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

1.1 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).

(delete whichever is not applicable for this tender).

- 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 bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of tender under consideration
 Pt = Price of tender under consideration
 Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

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

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.)

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The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Enterprises owned by People with Disabilities (Submit: Disability certificate issued by health professionals)	1	2	-	
Enterprises owned by Women (Submit: Central Supplier Database (CSD).	4	7	-	
Small, Medium and Micro Enterprises (SMMEs). (Submit: Central Supplier Database (CSD).	1	2	-	
Enterprises owned by Youth. (Central Supplier Database (CSD).	1	4	-	
Enterprises located in Limpopo Province (Municipal Utility Bills or Lease Agreement or Proof of Residence from Tribal Authority/Municipal Council	3	5	-	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

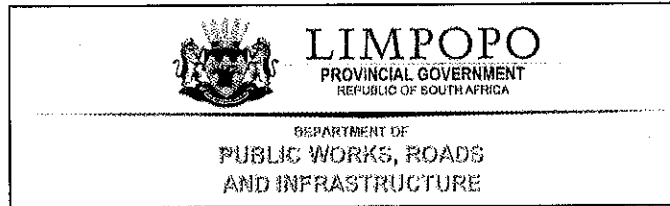
4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- 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:

R#0. 366/25/26

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Ref :

Date : 03 September 2025

REQUEST FOR QUOTATION: STORM DAMAGED SCHOOLS PROGRAMME

1. INVITATION

1.1 The Limpopo Department of Public Works, Roads and Infrastructure invites Geohydrological Professional Service Providers to render Geohydrological studies for the Department of Education Storm Damaged School's projects.

1.2 The school's are listed as follows:

- Nkota Secondary School
- Mookotsi Primary School

1.3 For Geohydrological works, the service provider to have at least one (1) professionally registered persons who is registered with ECSA or SACNASP as PrEng, PrTechEng. or Pr. Sci. Nat., with over 3 years of registration experience in borehole development projects.

2. SCOPE OF WORKS

The scope of works, site and related conditions are contained on the request for Task Order contained herein.

3. REQUIRED DOCUMENTS

- Company Profile
- Latest CSD Summary Report (No older than one week from date of quotation submission)
- Professional indemnity Cover or Professional Registration Certificate of Responsible person
- B-BBEE Certificate
- Programme of works



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

**DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE**

Ref. :

Enq. :

DATE : 16 July 2025

TO : Mr. MOTSOPYE N.J

DIRECTOR: DEMAND & ACQUISITION

FROM : Mr. RANKWE RD

CD: EDUCATION INFRASTRUCTURE MANAGEMENT

SUBJECT : NKOTA SECONDARY SCHOOL – RFQ FOR GEOHYDROLOGY
INVESTIGATION FOR THE CONSTRUCTION OF NKOTA SECONDARY
SCHOOL

1. TECHNICAL SPECIFICATION FOR THE PROPOSED BOREHOLE DRILLING

1.1. Brief Description

The RFQ aims to procure a competent specialist to conduct investigations into the water availability (Geohydrological study) and borehole drilling for Nkota Secondary School building at Mabotsha Village.

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1.2. Project Location:

The site for the proposed development is located in Mabotsha Village, Mokobola Section, Burgersfort, within the area of Sekhukhune District of the Limpopo Province of South Africa.

Coordinates: 24°28'46.53"S 30°13'24"E



Figure 1: Locality (Source: Google Earth)

1.3. Description of the Scope of Work:

The geohydrological scope of work for the assignment should inter alia cover the following:

- One existing borehole:
 - Yield testing for 24 hours
 - Water quality testing (physical, chemical, and biological parameters)
 - Recommendations and report submissions
- New borehole:
 - Geophysical investigations
 - Siting (**A Desktop Study report must be prepared and presented to the Engineer and other Stakeholders before drilling can commence**)
 - Drilling and casing
 - Yield testing for 24 hours
 - Water quality testing (physical, chemical, and biological parameters)
 - Recommendations and report submissions

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a) Siting report containing the following:

- Site location
- Desktop study of the site Geology and Geohydrology
- Recommendation for drilling targets (location and depth)
- The scope of work and methodology of the investigation
- Programme of works
- The report **MUST** be signed by a professional registered with ECSA or SACNASP

b) Drilling and testing

- On approval of the siting report, drilling and testing may commence
- All site works must be supervised by a competent person
- Drilling protection and site rehabilitation on completion

c) The final geohydrological report shall contain the following but not limited to the following information:

- Introduction and background,
- Scope of work,
- The objective of the project,
- Site location,
- Geology and geohydrology,
- Regional groundwater level,
- Yield testing,
- Water quality testing (Chemistry and Biology) and classification,
- Recommended water treatment method,
- Borehole rate and management,
- Conclusion and recommendations,
- The report **MUST** be signed by a professional registered with ECSA or SACNASP

2. PAYMENTS

Payment claims shall be made to the department by the main contractor once he has received your invoice on approval of the following stages:

- Siting Report
- Final Report

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- Equipping and testing and commissioning of the borehole

3. KEY PROFESSIONALS

CVs and Qualifications of the following registered professionals **MUST** to be provided:

- **Principal Consultant (Key Consultant)**, i.e. the person who will provide the service or under whose active and personal direction, control, and supervision the service is to be provided, will have to be professionally registered with ECSA or SACNASP as PrEng, PrTechEng. or Pr. Sci. Nat., with over 3 years of registration experience in borehole development projects

2.1. Principal Consultant:

Name:

Role & Responsibilities:

Qualifications:

Years of Experience post-registration:

4. RETURNABLES

The following **MUST** be submitted with this quotation in order for it to be considered:

- a) Company Registration Documents
- b) Director's ID copy
- c) Company Profile
- d) CV of key professional (see item 3 above)
- e) Priced BoQ (see section 5 overleaf)

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5. PRICING INSTRUCTION

The bill of quantities must be priced complete and the service provider must indicate any items priced elsewhere under the listed activities / tasks. All costs must be factored in even if line items are not indicated. No other costs shall be added after appointment.

SITTING AS PER SANS 10299-1:2003

Quantity	Description	Unit Price	Total
Sum	Site establishment	R	R
1	Borehole sitting	R	R
1	Desktop Study	R	R
1	Site Assessment	R	R
1	Geophysical Survey		
1	Magnetic Method	R	R
1	Electro Magnetic 34(EM-34) Method	R	R
1	PQWT Resistivity Meter	R	R
1	Reporting	R	R
		Subtotal	R
		Vat @ 15%	R
		Total	R

DRILLING AS PER SANS 10299-2:2003

Quantity	Description	Unit Price	Total
Sum	Site establishment	R	R
1	Drilling supervision	R	R
160m	165mm Rotary Percussion Drilling with Foam	R	R
30m	164 x 4mm u-PVC Borehole Casing	R	R
1	Sanitary Seal	R	R
1	Borehole Protection	R	R
1	Borehole Development	R	R
1	Disbursements	R	R
		Subtotal	R
		Vat @ 15%	R
		Total	R

Testing As Per SANS 10299-4:2003

Quantity	Description	Unit Price	Total
2	Borehole Yield Test	R	R
		Subtotal	R
		Vat @ 15%	R

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	Total	R
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WATER QUALITY ANALYSIS AS PER SANS 241:2015

Quantity	Description	Unit Price	Total
2	Taking of water sample and testing borehole water by accredited laboratory for adequacy of Human consumption. Analysis of the results.	R	R
		Subtotal	R
		Vat @ 15%	R
		Total	R

Subtotal excluding vat	R
Vat @ 15%	R
Grand total	R

BIDDING COMPANY'S DETAILS

Service Provider	
Representative	
Capacity	
Contact Details	
Signature	



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

**DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE**

Ref. :

Enq. :

DATE : 16 July 2025

TO : Mr. MOTSOPYE N.J

DIRECTOR: DEMAND & ACQUISITION

FROM : Mr. RANKWE RD

CD: EDUCATION INFRASTRUCTURE MANAGEMENT

**SUBJECT : MOOKOTSI PRIMARY SCHOOL – RFQ FOR GEOTECHNICAL
INVESTIGATION FOR THE CONSTRUCTION OF MOOKOTSI PRIMARY
SCHOOL**

**1. TECHNICAL SPECIFICATION FOR THE PROPOSED GEOTECHNICAL
ENGINEERING**

1.1. Brief Description

The purpose of the RFQ is to procure a competent specialist to conduct investigations for the soil conditions (Geotechnical Investigation) at the proposed site for Mookotsi Primary School building at Phefong Village. The objective of the project is for Renovations and Additions to Storm-damaged Schools in Limpopo Province Cluster D. The scope of the project is summarised as follows:

- New buildings (Nutrition Centre, Computer & Library Combo Science & Life Science combo, Multipurpose Classroom, Ablutions, Guardhouse)
- Stormwater management system
- Sewer reticulation and discharge
- Water supply and internal reticulation
- Internal paving

43 Church Street, Polokwane, 0699, Private Bag X9490, POLOKWANE, 0700
Tel: (015) 264 7000, (015) 284 7030 website: <http://www.dpw.limpopo.gov.za>

The heartland of Southern Africa – development is about people!

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1.2. Project Location:

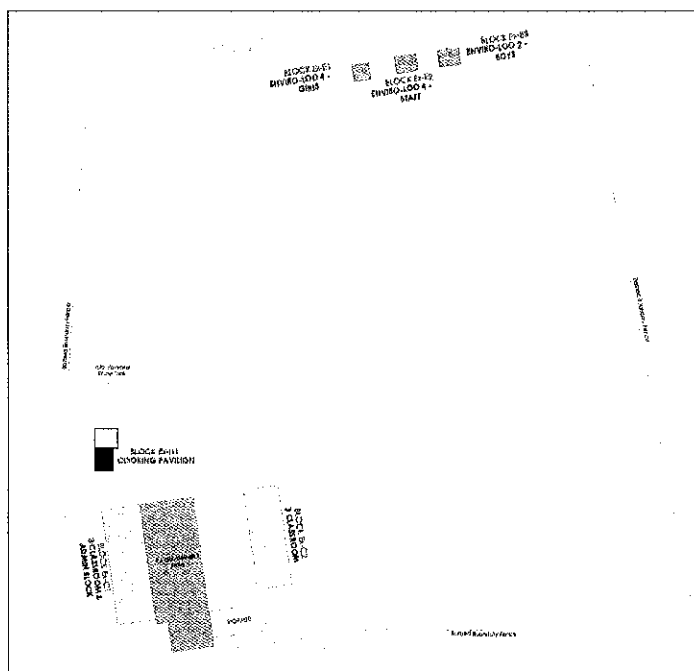
The site for the proposed development is located in Ga Makofane, Phefong Village, Burgersfort, within the area of Sekhukhune District of the Limpopo Province of South Africa.

Coordinates: 24°28'46.53"S 30°13'24"E



Figure 1: School Block Layout (source: Google Earth)

1.3. Description of the Scope of Work



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The Professional Service Provider will be required to report on the following:

a) Renovations

- Assessment of two blocks (Block C1, C2) Classroom Block, constructed from concrete stock bricks
 - Foundations: assess the existing foundation type, depth of the foundations, and the strength of the concrete and type of rebar.
 - Floor: assess the steel rebar, level of the floor and strength of the concrete.
 - Walls: assess the stability and robustness of the wall, the strength of the bricks, and scan for brick force.

Geotechnical investigation:

- a) Excavation of a minimum of 4 inspection pits, sampling of at least 150kg of material at each location/horizon/strata, backfilling with granular material to replace the material sampled and compacting. The exact position of inspection pits to be determined by the Geotechnical Engineer in conjunction with LDPWRI Engineer based on site conditions;
- b) Logging and profiling will be carried out in accordance with "A guide to soil profiling for civil engineering purposes – produced by the South African Institute for Engineering and Environmental Geologists (SAIEG), South African Institute of Civil Engineers (SAICE) Geotechnical Division and Association of Engineering Geologist (AEG) (1993), edited by ABA Brink and RM Bruin";
- c) DCP probes at each inspection pit, and additional probes as determined by the LDPWRI Engineer;
- d) Laboratory testing including grading, indicators and CBR testing on disturbed samples from the pits; and

The geotechnical report will contain but not be limited to information on the following:

- Introduction,
- Terms of reference,
- Description of the planning stage, and the purpose for which the investigation was conducted,
- Description of the site,
- Accessibility of the site,
- Listing of sources where data is available or was obtained from,
- Description of regional geology, vegetation, drainage and other general features of importance,

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- Name of person responsible for the interpretation of the geophysical work and for the profiling,
- Dates when the work was conducted,
- Description of the types of field work undertaken and equipment used,
- Investigation Results,
- Description of hard rock geology – identifying the type, quality, degree of weathering, fracturing, etc.,
- Description of the soils encountered identifying their stability or potential problems they present in terms of tendency to heave, collapse, settle etc.,
- Description when potential for boulder and/or other obstructions to deep seated foundations,
- Description of the problems experienced or to be expected,
- Description of ground-water and expected variations,
- Excavatability and Suitability of in-situ material for reuse and for use as backfill material,
- At what depth can the trenches be excavated without needing the insides to be shored,
- Classification of in-situ materials in terms of excavation including a recommendation for inclusion of allowances for intermediate and/ or hard material if required,
- Allowable bearing capacity for in-situ materials;

Field and laboratory testing carried out i.e.:

- Types of tests conducted on the respective materials;
- Grading on natural materials;
- Foundation Indicators and CBR testing on disturbed samples from the pits;
- Recommendations.
- Must be signed off by the responsible registered professional.

1.4. Deliverables

The Service Provider shall deliver the following deliverables as per the Infrastructure Delivery and Procurement Management (FIDPM) and the Gazetted outputs stated in Guidelines for Services and Processes for Estimating Fees for Persons Registered in terms of the Engineering Profession Act, 2000, (Act 46 of 2000):

- Filed work/site investigations,
- Geotechnical Zones Plan, indicating the preliminary shallow Geotechnical testing or Assessment,
- Provide a full dolomitic stability report if the study area is in a dolomitic area,

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- Laboratory testing and analysing (Atterberg limits, hydrometer, sieve analysis, MOD, OMC, CBR, collapse potential etc.)
- Detailed Investigation Report with Recommendations on foundation issues, in-situ materials use.
- Renovations
 - The founding level of the existing foundations and the strength and type of the foundations
 - The floor thickness and strength of concrete and the type of steel reinforcement and joints
 - The strength of the existing bricks, the spacing type and the presence of brick force on the walls, and the strength of the walls. and the bricks.

1.5. Timeframes

The appointed Professional Service Provider may be invited to attend a project Inception Meeting with LDPWR&I and the User Department within five (5) working days of appointment as stipulated by the Employer.

At the time of the Inception Meeting, the Service Provider will be expected to submit and present a detailed Workplan / Programme reflecting all the tasks necessary to complete the assignment including the resource allocation and utilisation. The programme is to be accompanied by a Risk Register.

2. KEY PROFESSIONALS

CVs and Qualifications of the following registered professionals to be provided:

- **Principal Consultant (Key Consultant)**, i.e. the person who will provide the service or under whose active and personal direction, control and supervision the service is to be provided, will have to be professional registered with ECSA or SACNASP as PrEng, PrTechEng. or Pr. Sci. Nat., with more than 3 years post registration experience in Geotechnical Engineering work.
- **Surveyor** to be registered with PRLSA OR PR. S (SA), with more than 3 years post registration experience in topographical survey work.

2.1. Principal Consultant:

Name:

Role & Responsibilities:

Qualifications:

Years of Experience post registration:

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3. PRICING INSTRUCTION

The bill of quantity must be priced complete and the service provider must indicate any items priced elsewhere under the listed activities / tasks. All costs must be factored in even if line items are not indicated. No other costs shall be added after the appointment.

No.	Activity Description	Unit	Quantity	Rate	Amount
1.0	Desk study	Sum			
2.0	Site Investigations				
2.1	Visual Site Assessment	Sum			
2.2	Test Pitting with TLB	Sum			
2.3	Soil Profiling (per test pit)	Sum			
2.4	Soil Sampling	Sum			
3.0	Laboratory Testing				
3.1	Foundation or Road Indicator Tests (Sieve analysis, Atterberg, limits, CDR, etc.)	sum			
3.2	Consolidation / Settlement Tests	sum			
3.3	Soil Bearing Capacity Determination (DCP)	sum			
3.4	Concrete Strength Test	Sum			
3.5	Brick Testing	Sum			
4.0	Geotechnical Report	Sum			
5.0	Topographical Survey				
5.1	Site Survey	Sum			
5.2	Full package topographical survey deliverables	Sum			
6.0	Disbursements				
6.1	Travelling	Sum			
6.2	Accommodation	Sum			
6.3	Typing, Photocopying & binding	Sum			
Sub-total					
VAT @ 15%					
TOTAL OFFER					