

## PART A INVITATION TO BID

BID NUMBER:	LDPWRI-PROF/20577	CLOSING DATE:	14 October 2025	CLOSING TIME:	11:00
DESCRIPTION	APPOINTMENT OF ACCREDITED ENGINEERING LABORATORY MATERIAL TESTING ACROSS 05 DISTRICTS FOR A PERIOD OF 36 MONTHS				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE					
CORNER RIVER AND BLAAUWBERG STREETS					
LADANNA					
0699					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	MR MOTSOPYE N		CONTACT PERSON	Mr MALULELE L	
TELEPHONE NUMBER	015 284 7126		TELEPHONE NUMBER	015 284 7294	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	MotsopyeNJ@dpw.limpopo.gov.za		E-MAIL ADDRESS	MalulekeL@dpw.limpopo.gov.za	
<b>SUPPLIER INFORMATION</b>					
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]
<b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>					
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

<b>1. BID SUBMISSION:</b>
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>
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. <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>
<b>2. TAX COMPLIANCE REQUIREMENTS</b>
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 <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a> .
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:

.....

### PRICING SCHEDULE – FIRM PRICES (PURCHASES)

**NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED**

**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 <b>LDPWRI-PROF/20577</b>
Closing Time <b>11:00</b>	Closing date <b>14 OCTOBER 2025</b>

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)
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- 
- 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
  - Delivery basis .....

**Note:** All delivery costs must be included in the bid price, for delivery at the prescribed destination.

**\*\* "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

## 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 interest<sup>1</sup> 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 institution	State

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<sup>1</sup> 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 consortium<sup>2</sup> 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.

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<sup>2</sup> 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. 005

- 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.

.....  
Signature Date

.....  
Position Name of bidder

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

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

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

### 1. GENERAL CONDITIONS

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

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

1.2 **To be completed by the organ of state**

*(delete whichever is not applicable for this tender).*

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

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

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

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

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
<b>Total points for Price and SPECIFIC GOALS</b>	<b>100</b>

- 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:

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

Where

$P_s$  = Points scored for price of tender under consideration

$P_t$  = Price of tender under consideration

$P_{\min}$  = 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.

# CONFIDENTIAL DOCUMENT

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

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

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

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

## DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number: .....

4.5. TYPE OF COMPANY/ FIRM

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

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:	.....
	.....
	.....
	.....

## CONFIDENTIAL DOCUMENT

- Profiling shall be carried out in accordance with the guidelines given in "Soil Profiling for Engineers" by Brink, Partridge and Williams.

### III. PHOTOGRAPHY

Photographs shall be provided showing the following;

#### A. The excavation site before excavation detailing the following

- The outline of the proposed excavation marked out in white chalk
- A board giving road number and kilometre distance placed next to proposed excavation.

#### B. On completion of the excavation, the photograph shall show

- The full depth of the excavation without shadows
- A board giving the road number, kilometre distance and test pit number positioned next to the excavation
- A depth gauge marked clearly in 100mm units, appropriately positioned in the excavation
- Interface of layers marked by inserting nails at 7 200mm centres along the interface of the various layers. White string is then connected to the nails along each interface.

It is mandatory to use a flash in order to produce photographs of acceptable quality. Date stamp and time to be shown on all photos.

The photographs shall consist of one colour print and negative each for before and after excavation as detailed above.

### C. BACKFILLING OF EXCAVATION

Backfilling of the excavations shall consist of the following

- Material of minimum G7 quality compacted to minimum 95% Mod AASHTO, to level with the road surface

### 2.2 SAMPLING

#### 2.2.1 Sampling of each layer

## CONFIDENTIAL DOCUMENT

Representative samples shall be taken for each material type from each layer encountered in the excavation, in accordance with SANS 3001 with specific reference to sampling method. Adequate sample shall be taken in order to conduct gradings mod. AASHTO and CBR tests for each layer of each excavation.

### **2.2.2 Replicate samples**

Replicate samples shall be provided at an additional 100kg for each material Type found within the wearing course and base layers and an additional 50kg for the subgrade and underlying layers for each excavation. All replicate samples and untested samples to be clearly and properly numbered in a manner such that no deterioration of the labels or markings occurs during storage of these samples. Provision must be made for storage of these samples in a secure, dry shaded condition for a maximum period of twelve months from time of sampling at an approved location within the precincts of the testing firm's laboratory

### **2.2.3 Moisture content**

The field moisture content in the layer shall be determined by taking representative samples as soon as possible after the 8 layer has been excavated, so as to avoid moisture loss. The sample, approximately 500g for fine-grained materials and 1500g for coarse materials, shall be sealed in an airtight container and properly marked. Moisture contents to be sampled for all layers within all excavations.

## **2.3 FIELD TESTING**

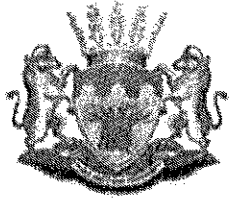
### **2.3.1 Field testing**

#### **a) Dynamic Cone Penetrometer Probing**

The test shall be carried out in accordance with SANS 3001. In order to assess any variation of the pavement structure across the width of the traffic lane, three tests are required at each excavation position. If necessary, this may be changed to the normal one per excavation. Additional DCP probing will also be required at select positions to be provided on site.

The maximum depth of penetration of the DCP probe shall be 800mm. The results shall be analysed to provide the following information:

- The DCP curve
- Balance curve
- Layer strength diagram



# LIMPOPO

PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

## DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE

### LDPWRI-ROADS/ :20577 TERMS OF REFERENCE FOR APPOINTMENT OF ACCREDITED CIVIL ENGINEERING LABORATORY MATERIAL TESTING ACROSS 05 DISTRICTS FOR A PERIOD OF 36 MONTHS (3 -YEAR TERM CONTRACT)

#### 1. PROJECT DESCRIPTION

The Limpopo Department of Roads Infrastructure seeks to appoint civil engineering accredited laboratories across the five (05) districts of the province to assist with materials testing and geotechnical investigations for various projects implemented in-house.

#### 2. SCOPE OF WORK

The appointed laboratory will be expected to carry out the necessary test pits, dynamic cone penetrometer (DCP) tests, soil sampling and necessary laboratory tests as detailed in the Schedules of Quantities.

The testing firm shall carry out the necessary traffic accommodation, sampling, reinstatement, transportation, storage, testing and reporting to the Employer according to the programme of works.

The successful testing firm shall check if there are any commercial sources that supply layer work material etc.

#### 2.1 TEST PITTING POSITIONS AND DYNAMIC CONE PENETROMETER

##### 2.1.1 TEST PITTING

##### I. TEST PIT DIMENSIONS

- The excavation of the test pit shall be 1m x 0.75m minimum in area, to the total depth of 1m. The excavation shall be carried out with due care, so that each type of material encountered in the test pit can be sampled separately. The excavation shall be carried out neatly; the sides of the test pit shall be vertical.

##### II. PROFILLING

## CONFIDENTIAL DOCUMENT

- Normalised curve
- Redefined layer strength diagram
- Emod curve

The DCP computer programme as developed by CSIR Transportek will be of assistance in producing this information

### **3 LABORATORY TESTS**

Tests shall be carried out in accordance with the relevant test methods as set out in SANS 3001.

### **4 DESCRIPTION OF SITE**

Areas of work or sites will allocated upon appointment as and when work is to be done .

### **5 PROJECT DURATION AND HOURS OF WORK**

The duration of this appointment will be for a period of three (03) years. The work shall be completed within the hours of daylight. No test pit shall be allowed to remain open or unsafe in any way, and shall be properly backfilled as described.

### **6 PRESENTATION OF RESULTS**

The test pit profiles and test results, which include moisture contents, DCP's, field densities, as well as the photographs, shall be presented together in a bound volume.

### **7 TRAFFIC ACCOMMODATION**

The safety of the travelling public is of utmost importance and every effort shall be made to ensure that all road signs, delineators, flagmen and speed controls are maintained and effective and that courtesy is extended to the travelling public at all times. All workmen within the work area shall wear appropriate safety apparel and all vehicles shall be equipped with rotating beacons.

Provision and placing of road signs, cones, flagmen, etc shall as a minimum standard be in accordance with Road Signs Note No. 13, third draft, September 1988.

## **8 SCHEDULE OF QUANTITIES**

### **Preamble to the Schedule of Quantities**

- 8.2 The Conditions of Contract, and the Project Specification are to be read in conjunction with the Schedule of Quantities and, if applicable, shall be referred to for details of the description, quality, test and strength of material used and the Workmanship, conditions, obligations, liabilities and instructions generally, which shall be complied with in carrying out this Contract. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract, Specifications and in the Schedule of Quantities, including all overhead charges and profit and carrying out the work as specified, shall be deemed to be spread over and included in the price or sums stated by the Contractor in the Schedule of Quantities.
- 8.3 Descriptions in the Schedule of Quantities are abbreviated and refer to the relevant test methods. Should any requirement of the measurement and payment clause of Project Specification, conflict with the terms of the Schedule or, when relevant, of the Standard system of Measurement of Civil Engineering Quantities for SA, the requirements of the, Project or specification, as applicable, shall prevail.
- 8.4 The prices and rates to be inserted in the Schedule of Quantities are to be the 17 items.
- 8.5 Such rates and prices shall cover all costs and expenses that may be required in and for the testing of the works described, and shall cover the cost of all general risks, profits, taxes, liabilities, and obligations set forth or implied in the documents on which the Quotation is based (excluding VAT).
- 8.6 Each item shall be priced and extended to the "Amount" column by the Tenderer, with the exception of the items for which a rate only is required, or which already have Provisional Sums affixed thereto. If the Tenderer omits to price any items in the Schedule of Quantities, then the bid will be disqualified on the basis of incomplete pricing schedule.
- 8.7 All items for which terminology such as "inclusive" or "not applicable" have been added by the Tenderer will be regarded as having a nil rate.
- 8.8 The Tenderer shall fill in rates for all items where the words "rate only" appears in the "Amount" column. The intention is that although no works is foreseen under such an item, and no quantities are accordingly given in the "Quantity" column, the tendered rate shall apply in the event of work under this item being actually required.



## CONFIDENTIAL DOCUMENT

- 8.9 The Tenderer is to note that the quantities are estimated for comparative purposes and may change. Any changes will be agreed with the service provider at the time of appointment or issuing out of work orders .
- 8.10 The tenderer is to take note that for the purposes of excavation, an excavator would be required and as such, when pricing is compiled for the quantities, it should also be accounted for in the final quotation.
- 8.11 The Tenderer shall complete the schedule of quantities in full, and in areas (districts) where there is no intention to bid, it must be indicated as such (and no space shall be left open).
- 8.12 The Department reserves the right to negotiate the price and reserves the right not to award the tender to the lowest priced tender.
- 8.13 The awarding of the bid shall be per district and the will be limited to one bidder
- 8.14 Travelling kilometres will only be referenced from a central point ( District Municipality) within the District where the Tenderer is awarded.

## EVALUATION CRITERIA

### STAGE 1:

#### PREQUALIFICATION CRITERIA

Item No	The following documents are to be submitted with the bid:
	<ul style="list-style-type: none"> <li>▪ Tax compliant CSD detailed report</li> <li>▪ Certified copy of company registration certificate (eg. ck, cm, etc)</li> <li>▪ Original certified id copies of shareholders/directors</li> <li>▪ Letter from a health professional not more than 12 months old from date issue (in case of persons living with disabilities)</li> <li>▪ Proof of business address/lease agreement</li> <li>▪ Most recent financial statements.</li> </ul>
	<b>Non- compliance to the below administrative requirements will automatically disqualify the bidders</b>
1	Duly completed and signed power of attorney / authority for signatory
2	Join Venture Agreement shall be completed and duly signed
3	Bid document shall be submitted in its original form
4	Non – completion and / or non-signing of the following essential standard bidding documents (SBD) / forms SBD 1; SBD 3.1, SBD 4. and SBD 6.1
5	Non completion of pricing schedules.
6	Failure to duly sign and complete certificate on non- collusion
7	Completion of the bid document (or returnable schedules) using a pencil
8	Failure to complete a bid document in full permanent black ink not typed
9	Laboratory Accreditation with SANAS ( attach valid registration certificate issued SANAS)

## STAGE 2: EVALUATION CRITERIA

- I. Only bid proposals that meets pre-qualification and mandatory requirement will be considered to be evaluated further on stage 2 functionality criteria,
- II. The bidder must score a minimum of 65% (depending on the nature of the project) during Stage 2 (functionality ) of the evaluation to qualify for Stage 3 of the evaluation where only points for price and departmental specific goals on preferential procurement will be considered.

CRITERIA	Maximum number of points	POINTS SCORED
<p>1. Company/Entity's experience in conducting Geotechnical Investigation and Material Testing.</p> <p><b>Company's number years of experience</b></p> <p>(a) 0 years = (0)</p> <p>(b) 1-2 years = (10)</p> <p>(c) 3-5 years = (15)</p> <p>(d) 6 years and above (30)</p> <p>Attached valid appointment letter and reference letter from the client.</p>	30	
<b>2. CORE TEAM MEMBERS</b>		
<b>2.1 Geotechnical Engineer or Technologist ( Registered with</b>		

<p><b>Engineering Council of South Africa (ECSA)</b></p> <p>(e) 0 years = (0)  (f) 1-2 years = (5)  (g) 3-5 years = (10)  (h) 6 years and above (25)</p>	<p>25</p>	
<p><b>(Detailed CV with specified geotechnical investigation experience )</b></p> <p><b>2.2 Field Technician (X1)</b></p> <p><b>NQF Level 05 (Civil Engineering)</b></p> <p>(a) 0 years = (0)  (b) 1-2 years = (5)  (c) 3-5 years = (15)</p>	<p>(15)</p>	
<p><b>(Detailed CV with Geotechnical Field investigation experience )</b></p> <p><b>2.3 Field Technician (X1)</b></p> <p><b>NQF Level 05 (Civil Engineering)</b></p> <p>(a) 0 years = (0)  (b) 1-2 years = (5)  (c) 3-5 years = (15)</p>	<p>(15)</p>	
<p><b>(Detailed CV with Geotechnical Field investigation experience)</b></p> <p><b>2.4 Lab Technician (X1)</b></p> <p><b>NQF Level 05 ( Civil Engineering)</b></p>	<p>(15)</p>	

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(a) 0 years = (0) (b) 1-2 years = (5) (c) 3-5 years = (15)  <b>Detailed CV with Geotechnical laboratory testing and analysis experience)</b>		
<b>TOTAL</b>	100	

## SCHEDULE OF QUANTITIES

Item No	Description	Unit	Quantity	Rate	Amount
1.	<b>MATERIALS INVESTIGATION AND TESTING: DESIGN PHASE</b>				
2.	<b>Soil investigation and sampling:</b>				
3.	(a) Test pits, sampling and profiling	number	1		
4.	(b) Dynamic Cone Penetration (DCP)	number	1		
5.	<b>Laboratory testing and reporting; detailed assessment/design phase:</b>				
6.	(a) Standard tests				
7.	(i) In-situ density	number	1		
8.	(ii) Moisture content	number	1		
9.	(iii) Sieve analysis	number	1		
10.	(iv) Atterberg limits	number	1		
11.	(v) M.D.D OMC (Mod. AASHTO) natural and density testing	number	1		
12.	(vi) CBR	number	1		
13.	(vii) UCS (Unconfirmed Compressive Strength)	number	1		
13.1	Concrete Testing.	number	1		
13.2	(i) Slump test	number	1		
13.3	(ii) compressive strength	number	1		
14.	Travelling	Km	1		

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15.	Geotechnical Report	Lump Sum	1		
16.	Concrete Testing				
17.	Any other test commissioned by the client's Engineer				
SUB TOTAL					
VAT					
TOTAL					

## **9 SPECIAL CONDITIONS FOR AWARDING**

### **Award of the bid :**

- 9.1.1 This contract will be awarded in terms of the Preferential Procurement Policy Framework Act, (Act No. 5 of 2000) and its Regulations as well as the Limpopo Preferential Procurement Policy, 2005.
- 9.1.2 Limpopo Department of Public Works, Roads and Infrastructure, Roads and Infrastructure reserves the right to:-
- a. Request further information from any bidder after the closing date,
  - b. Verify information and documentation of the respective bidder,
- 9.2 The performance measures will be provided by the LDPWRI
- 9.3 The Service Provider will submit monthly progress reports to the Programme Manager, within four (4) days after the end of each month and the final report four (4) weeks before the project end date. Failure to submit the required reports on time will result in penalties.
- 9.4 The Programme Manager shall do the ongoing performance management of the Service agreement.
- 9.5 The Service Provider/s must guarantee the presence of the senior in charge of fieldwork throughout the duration of the contract. Prior to the appointment of a replacement senior, the Programme Manager must approve such appointment. If the senior has to leave the project, a period of at least a month is required in which the senior must work parallel with the next person ( with similar expertise and equal years of experience) appointed to be able to transfer skills and knowledge.
- 9.6 All the conditions specified in the General Conditions of Contract (GCC) will apply and where the conditions in the special conditions of contract contradicts the conditions in the general conditions of contract the special conditions of contract will prevail.
- 9.7 Please take note that DPWRI is not bound to select any of the firms submitting proposals. LDPWRI reserves the right not to award any of the bids and not to award the contract to the lowest bidding price.
- 9.8 Bidders must score a minimum of 65% (The minimum qualifying score that must be obtained for functionality in order for a Bid to be considered further should not be generic). It should be determined separately for each bid on a case-by-case basis.
- 9.9 A valid Tax Compliance Status with Pin issued by SARS to the supplier/copy of Central Supplier Database (CSD)/ MA supplier Number must be submitted together with the bid.
- 9.10 In case of bids where Consortia / Joint Ventures / Sub-contractors are involved, such must be clearly indicated and each party must submit a



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separate proof of Tax Compliance or Tax Compliance Status with Pin or CSD/MA supplier Number together with the bid.

- 9.11 Bidders must be Tax compliant throughout the bidding stages
- 9.12 Failure to comply with Tax matters may result in the invalidation of the bid.
- 9.13 A foreign recommended bidder with neither South African tax obligation nor history of doing business in South Africa must complete Standard Bidding Document (SBD 1) and the information must be submitted to SARS on the following email [governmentinstitute@sars.gov.za](mailto:governmentinstitute@sars.gov.za) to issue a confirmation of the tax obligation letter in terms of paragraph 3.6 of the instruction note no 9 of 2017/18.
- 9.14 Comprehensive Curriculum Vitae's (CV) with certified copies of qualifications and professional registration of the team members who will be available for the duration of the contract must be attached. In case where bidders submitted CV's of personnel from other companies, bidders must indicate if the personnel is sub-contracted or employed full time or part-time, and indicate the period of the engagement with the bidder. A signed agreement between two parties or an agreement between personnel and a company must be included with the proposal.
- 9.15 Expenditure incurred without the prior approval of the Programme manager will not be reimbursed.
- 9.16 The LDPWRI will not be held responsible for any costs incurred by the bidder in the preparation, presentation and submission of the bids.
- 9.17 Travelling costs and time spent or incurred between home and office of Service provider and the DPWRI office will not be for the account of the DPWRI.
- 9.18 Intellectual property rights will belong to the LDPWRI.
- 9.19 Signed agreement between service providers in the case of a joint venture/Consortium
- 9.20 Letter of authority to sign documents on behalf of the company/joint venture/Consortium.
- 9.21 Before any work can commence the service level agreement must be signed by both parties (LDPWRI and the successful bidder) and an official order must be issued and should there be any dispute regarding the finalisation of the agreement, the LDPWRI reserves the right to cancel the contract with no cost implications for the LDPWRI.
- 9.22 The evaluation of Bids can only be done on the basis of information required by the LDPWRI.
- 9.23 Prospective suppliers and / or public entities must provide the DPWRI with their CSD registration number on submission of their bid proposals including those of sub-contractors and/ or joint venture companies.
- 9.24 Any supplier who is not registered on CSD during an award stage of the tender will not be considered.
- 9.25 Successful bidders will be required to confirm project lead team members upon contracting ( project lead and team members are not allowed to be used in more than one bid)
- 9.26 The awarding will be restricted to one bidder per district
- 9.27 The department reserves the right to negotiate prices before awarding any bid.

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9.28 Physical verification of Laboratory will be done for recommendable service provider before appointment. The department reserve the right not award / appoint tenderers with unestablished facilities.

### **10. BID PRICE QUALIFICATION**

- 10.1 All bid prices must be specified on each item in figures. Price in figures must be acceptable in general accounting language.
- 10.2 Prices quoted must include delivery costs. Furthermore, the bid prices must be in RSA currency and inclusive of Value Added Tax (VAT).
- 10.3 Bid prices must be 'NETT'. Therefore, bidders intending to quote a price less a discount on the unit basis must first deduct the discount and then insert the 'NETT' Price.

### **9. PAYMENT TERMS**

- 9.1 DPWRI undertakes to pay out in full or as per deliverables within 30 (thirty) days all valid claims for work done to its satisfaction upon presentation of a substantiated claim and the required reports stipulated in special conditions, final payment will be made upon receipt of required means of verification . No payment will be made where there is outstanding information/work not submitted by the Service Provider/s until that outstanding information is submitted.