



## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

### INVITATION TO BID BID NUMBER: DFFE-T030 (23/24)

THE APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, INSTALLATION AND COMMISSIONING OF TWENTY-FIVE (25) LOW-COST AIR QUALITY MONITORING SENSORS FOR THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT, AS WELL AS THE MAINTENANCE, REPAIRS AND TECHNICAL SUPPORT OF THE SENSORS FOR A PERIOD OF FIVE (05) YEARS.

#### ENQUIRIES:

Name : SCM Officials  
Office Telephone No. : 012 399 9892  
E-Mail : [Tenders@dffe.gov.za](mailto:Tenders@dffe.gov.za)

#### NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD) REGISTRATION INFORMATION

Company name	Supplier registration number	Unique reference number	
			Main contractor
			Sub-contracted/ joint venture comp 1
			Sub-contracted/ joint venture comp 2

**CLOSING DATE OF THE BID: 07 SEPTEMBER 2023 AT 11H00 AM**

**NB: Bidders should note that enquiries will only be allowed at least 10 days before the tender closed.**

**Compulsory briefing session will be held as follows:**

**Date: 24 August 2023**

**Time: 10:00 until 11:30 am**

**Venue: [Click here to join the meeting](#)**

## PART A INVITATION TO BID /

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT.</b>					
BID NUMBER:	DFFE-T030(23/24)	CLOSING DATE:	07 SEPTEMBER 2023	CLOSING TIME:	11:00
DESCRIPTION	THE APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, INSTALLATION AND COMMISSIONING OF TWENTY-FIVE (25) LOW-COST AIR QUALITY MONITORING SENSORS FOR THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT, AS WELL AS THE MAINTENANCE, REPAIRS AND TECHNICAL SUPPORT OF THE SENSORS FOR A PERIOD OF FIVE (05) YEARS.				
<b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>					
Department of Forestry Fisheries and the Environment; The Environment House,					
473 Steve Biko Road; Cnr Soutpansberg and Steve Biko Road, Arcadia Pretoria /Tshwane					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>			<b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>		
CONTACT PERSON	SCM Officials		CONTACT PERSON		
TELEPHONE NUMBER	012 399 9892		TELEPHONE NUMBER		
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER		
E-MAIL ADDRESS	tenders@dffe.gov.za		E-MAIL ADDRESS		
<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
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX]  <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]</b>					
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 PART B:3 ]	
<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	
<b>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.</b>					

## 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, 2017, 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 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 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**  
**(Professional Services)**

NAME OF BIDDER: .....	BID NO: DFFE-T030 (23/24)
CLOSING TIME 11h00	CLOSING DATE: 07 SEPTEMBER 2023

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

**DESCRIPTION: THE APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, INSTALLATION AND COMMISSIONING OF TWENTY-FIVE (25) LOW-COST AIR QUALITY MONITORING SENSORS FOR THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT, AS WELL AS THE MAINTENANCE , REPAIRS AND TECHNICAL SUPPORT OF THE SENSORS FOR A PERIOD OF FIVE (05) YEARS.**

\*\*(ALL APPLICABLE TAXES INCLUDED)

1. The accompanying information must be used for the formulation of proposals.
2. Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of all applicable taxes for the project.

R.....
3. PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)
4. PERSON AND POSITION

HOURLY RATE

DAILY RATE

R-----

-----

R-----

-----

R-----

-----

R-----

-----

R-----

-----
5. PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT

R----- days

R----- days

R----- days

R----- days
- 5.1 Travel expenses (specify, for example rate/km and total km, class of airtravel, etc). Only actual costs are recoverable. Proof of the expenses incurred must accompany certified invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....

TOTAL: R.....

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

Name of Bidder: .....

- 5.2 Other expenses, for example accommodation (specify, eg. Three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
.....	.....	.....	R.....
.....	.....	.....	R.....
.....	.....	.....	R.....
.....	.....	.....	R.....
TOTAL: R.....			

6. Period required for commencement with project after acceptance of bid .....  
7. Estimated man-days for completion of project .....  
8. Are the rates quoted firm for the full period of contract? \*YES/NO  
9. If not firm for the full period, provide details of the basis on which adjustments will be applied for, for example consumer price index. ....  
.....  
.....  
.....

\*[DELETE IF NOT APPLICABLE]

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Any enquiries regarding bidding procedures may be directed to the –

Department of Forestry Fisheries and the Environment

**Contact Person: SCM Officials**

**Tel: (012) 399 9892**

**E-mail: [Tenders@dffe.gov.za](mailto:Tenders@dffe.gov.za)**

## 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 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:

---

<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.

- .....  
 .....  
 2.3 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.  
 3.6 I am aware that, in addition and without prejudice to any other remedy provided to

---

<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.

**SBD4**

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

1.2 Points for this tender shall be awarded for:

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

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

The total 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>

1.4 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.

1.5 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 PREFERENCE POINT SYSTEMS

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

**80/20**

$$Ps = 80 \left( 1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of **Regulation 4(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:

- (a) any other invitation for tender, that is 80/20 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 80/20 preference point system.

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

**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	A: Number of points allocated (80/20 system) (To be completed by the organ of state)	B: Number of points claimed (80/20 system) (To be completed by the tenderer) B=A(20)
more than 50% (fifty percent) ownership by Black people	20	
more than 50% (fifty percent) ownership by Women	20	
more than 50% (fifty percent) ownership by people with disabilities	20	
<b>NB: POINTS CLAIMED BY SUPPLIER MUST BE THE SAME AS POINTS IN A FOR SPECIFIC GOALS</b>		

#### **DECLARATION WITH REGARD TO COMPANY/FIRM**

4.2. Name of company/firm.....

4.3. Company registration number: .....

4.4. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.5. 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.

.....	
<b>SIGNATURE(S) OF TENDERER(S)</b>	
<b>SURNAME AND NAME:</b>	.....
<b>DATE:</b>	.....
<b>ADDRESS:</b>	.....
	.....
	.....
	.....



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

**THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT (DFFE) AS AN ORGAN OF STATE  
SUBSCRIBES TO AND PROPAGATES THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000  
(ACT NO. 5 OF 2000) AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022.**

#### **TERMS OF REFERENCE**

**TERMS OF REFERENCE FOR THE APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY,  
INSTALLATION AND COMMISSIONING OF TWENTY-FIVE (25) LOW-COST AIR QUALITY MONITORING  
SENSORS FOR THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT, AS WELL AS THE  
MAINTENANCE, REPAIRS AND TECHNICAL SUPPORT OF THE SENSORS FOR A PERIOD OF FIVE (05) YEARS**

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## **1. PURPOSE**

- 1.1 To appoint a service provider for the supply, installation and commissioning of twenty-five (25) low-cost air quality monitoring sensors for the Department of Forestry, Fisheries and the Environment (DFFE), as well as the maintenance, repairs and technical support of the twenty-five (25) sensors for a period of five (5) years.

## **2. INTRODUCTION AND BACKGROUND**

- 2.1 In terms of Section 24 of the Constitution, and the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004) (NEMAQA), government is enjoined to ensure that South Africans are breathing air that is not harmful to their health and wellbeing.
- 2.2 To fulfil this mandate, air quality monitoring stations have been commissioned by all spheres of government from national department to local municipalities. There are currently 135 fully automated air quality monitoring stations, across the country. All stations are based on traditional reference monitoring techniques as prescribed in Section 9 of the NEMAQA. The stations form the National Ambient Air Quality Monitoring Network (NAAQMN) and are located in areas with the highest density of people in order to measure human exposure to air pollution. The stations provide important information in order to assess compliance with ambient air quality standards and to assess the impact of intervention strategies aimed at addressing air pollution. In addition, the monitoring stations also provide valuable data regarding the state of ambient air quality that the citizens of the Republic are exposed to. These data have also been used in the development of air quality management policies and intervention strategies such as air quality management plans. The map below shows the location of the ambient monitoring stations.
- 2.3 The DFFE, in partnership with the South Africa Weather Service (SAWS) established the South African Air Quality Information System (SAAQIS) to disseminate air quality information to the public. At the centre of the SAAQIS is the ambient air quality monitoring component, which provides the public with REAL TIME information on the state of ambient air quality. The SAAQIS contains dedicated tools for capturing, analysing, reporting, and archiving ambient air quality data. The SAAQIS also includes a mobile application for Android and IOS platforms, where ambient information can be accessed by the general public using smart phones. To date, over 100 government stations are reporting in real time to the SAAQIS on <https://saaqis.environment.gov.za/>.

**Figure 1:** National Ambient Air Quality Monitoring Network, NAAQMN reporting in real time to SAAQIS website (taken on 17 February 2023 at <https://saaqis.environment.gov.za/>). The monitoring stations are located to best measure human exposure to air pollution.

2.4 The commissioning of the National Ambient Air Quality Monitoring Network (NAAQMN) has been an immense investment by all spheres of government. All infrastructure and equipment at the monitoring stations are based on reference monitoring techniques, as such, a station deployment may possibly cost up to R3.0 million depending on the instruments installed. Above this capital investment, there are additional operational budget required to maintain and manage stations effectively. The value of this investment is not fully being realised in some areas as a substantial number of NAAQMN stations are not fully operational, hence not providing information to the public. What has emerged over the years is that many station owners have been unable to manage and maintain their monitoring stations at the required level in order to produce air quality data that is scientifically sound for decision making.

2.5 The NAAQMN is facing a number of challenges including:

2.5.1 In most networks, there are no long-term financial commitment towards the management and maintenance of the ambient monitoring stations after commissioning. Where operational budgets are committed to, there is limited funding allocated to infrastructure recapitalisation in case of major breakdowns or when aging equipment has to be replaced.

2.5.2 In other cases, financial commitments are made towards stations operation, maintenance and management; however, these financial resources might be redirected to other municipal services due to the changes in priorities, thereby rendering the efficient management of the stations impossible.

2.5.3 The majority of the NAAQMN stations were commissioned between 2004 and 2010. The majority of the infrastructure is aging and requires significant capital expenditure to recapitalise and modernise.

2.5.4 There is limited technical capacity within most government spheres to operate and maintain the monitoring stations in optimal conditions. Where municipalities have enlisted the services of consultants, there is limited capacity to manage the service providers in order to ensure that efficient services are rendered.



- 2.5.5 The monitoring networks are operated by several spheres of government, with different quality systems and capacities for managing monitoring networks. Such approach limits the level of consistency in the way data is collected and verified. In some cases, the quality of data is not guaranteed.

### **3. OBJECTIVES**

- 3.1 In light of the current challenges with the ambient air quality monitoring, the department seeks to appoint a service provider to supply and commission twenty-five (25) low-cost sensors as well as to maintain, repair and provide technical support on the infrastructure for a period of five (5) years. The Department will be responsible for the management of data as well as reporting the state of air.
- 3.2 The low-cost sensors will be deployed at existing monitoring stations that are not meeting monitoring objectives within the NAAQMN.
- 3.3 The Department is undertaking this leading initiative, taking cognisance of the growing international opportunities and advancements of using low-cost sensors in air quality monitoring. The low-cost sensors are monitors of choice because they are portable, compact and affordable air quality sensors that can be deployed in practical timeframes in order to speedily supplement the NAAQMN and address some of the immediate challenges. Low-cost sensors are cost-effective with the ability to act as a single station and measure a variety of pollutants such as particulate matter (both PM<sub>2.5</sub>, PM<sub>10</sub>), sulphur dioxide (SO<sub>2</sub>), nitrogen dioxide (NO<sub>2</sub>), ozone (O<sub>3</sub>); carbon monoxide (CO); Odour related pollutants such as ammonia (NH<sub>3</sub>); hydrogen sulphide (H<sub>2</sub>S); and some volatile organic compounds (VOC's) as well as some meteorological parameters. The sensors can be deployed quickly without the need for station shelter and air conditioning systems. In addition, some of these sensors are able to use solar power with the possibility of battery back-up instead of needing electricity which is an added advantage. Due to the sensor sizes, little effort is required to commission the sensors (usually the sensors are installed on single poles or can use existing infrastructure such as rooftops, or electricity poles).

### **4. SCOPE AND EXTENT OF WORK**

To achieve the overall project objective of assisting the Department with the supply, installation, commissioning, maintenance, repairs and technical support of twenty-five (25) low-cost sensors, the service provider must deliver the following outcomes **A to C**:

#### **4.1 OUTCOME A: SUPPLY AND DELIVERY OF TWENTY-FIVE (25) LOW-COST SENSORS**

- 4.1.1 The service provider must supply to the department twenty-five (25) air quality monitoring low-cost sensors. For this pilot project, twenty-five (25) electrochemical (EC) types for the measurement of trace gases as well as particulates. Sensors should have the ability to measure and meet mandatory parameters and requirements as stipulated in Table 4-2 and Table 4-3. Sensors must be fitted with

voltage regulators and battery-based back-up power able to last for at least forty-eight (48) hours with supplemented solar charging also required.

- 4.1.2 For all parameters monitored, evidence on how well the sensors perform in comparison to reference monitoring technologies (coefficient of determination,  $R^2$ ) must be based on independent published documentation. All such documentation must be included as part of the bid proposal. The ability for the sensors to measure additional pollutants will be an added advantage.

**Table 4-1: Outcome A: Supply and delivery of twenty-five (25) low-cost pollutant sensors – Success indicators.**

Description	Verifiable Indicator	Means of Verification
<b>OUTPUT A1:</b> Supply and delivery of twenty (20) pollutant sensing low-cost sensors	Twenty (20) low-cost sensor supplied	<ul style="list-style-type: none"> <li>Twenty (20) low-cost sensors meeting the requirements detailed in Table 4-2 delivered and registered in the department asset register.</li> <li>The service provider shall submit weekly reports on the supply and delivery of equipment until all sensors are procured.</li> </ul>
<b>OUTPUT A2:</b> Supply and delivery of five (05) pollutant and odour sensing low-cost sensors	Five (05) low-cost sensor supplied	<ul style="list-style-type: none"> <li>Five (05) low-cost sensors meeting the requirements detailed in Table 4-3 delivered and registered in the department asset register.</li> <li>The service provider shall submit weekly reports on the supply and delivery of equipment until all sensors are procured.</li> </ul>

**Table 4-2. Twenty Low-Cost Sensor Minimum Monitoring Requirements.**

Parameter Monitored	Minimum Resolution of Measurement	Minimum Documented Coefficient of Determination ( $R^2$ )*
SO <sub>2</sub>	5 minutes	0.75
O <sub>3</sub>	5 minutes	0.75
PM <sub>10</sub>	5 minutes	0.60
PM <sub>2.5</sub>	5 minutes	0.60
NO <sub>2</sub>	5 minutes	0.75
CO	5 minutes	0.75
Ambient Pressure	5 minutes	-

Parameter Monitored	Minimum Resolution of Measurement	Minimum Documented Coefficient of Determination (R <sup>2</sup> )*
Ambient Temperature	5 minutes	-
Ambient Relative Humidity	5 minutes	-
<i>Wind Speed and Wind Direction (optional)</i>	5 minutes	-
Electricity backup and surge protection	All sensors must be fitted with lithium-Ion battery backup <b>(minimum 800 W)</b> which is rechargeable through <b>both</b> onsite electricity and solar energy with a surge protector	
Data logging systems	<b>All sensors must include data transfer systems for real-time reporting of data to SAAQIS upon installation, and for the duration of the project.</b>	

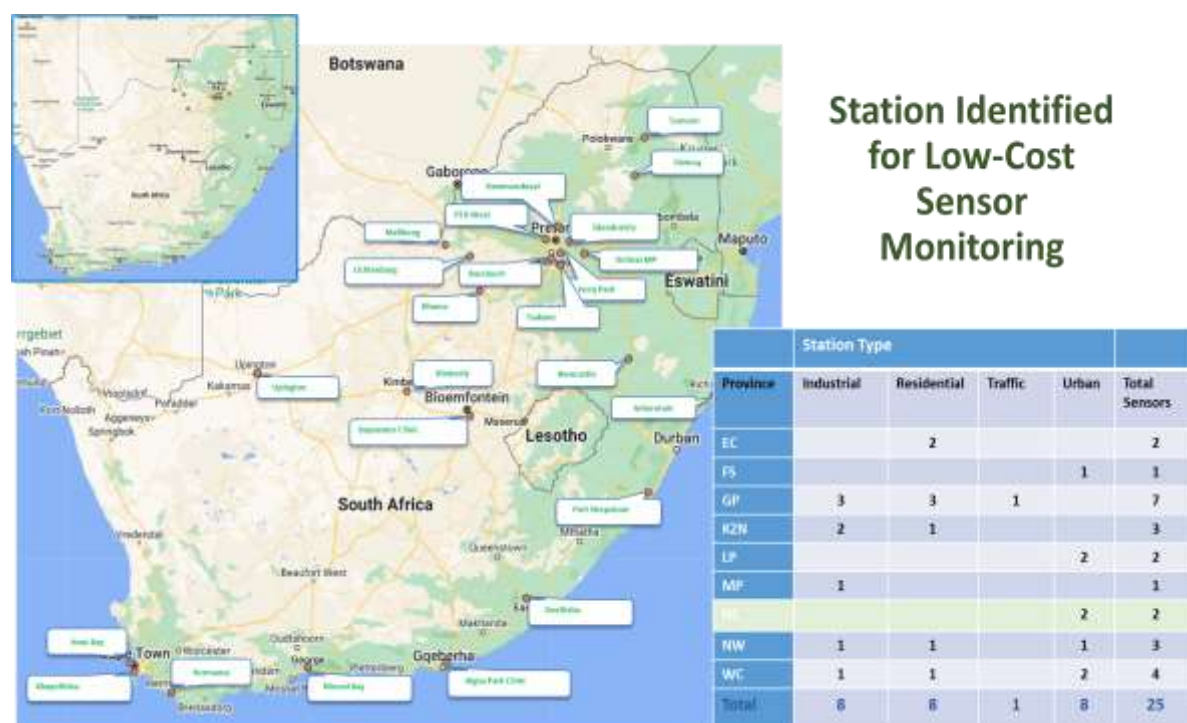
**Table 4-3. Five Low-Cost Sensor Minimum Monitoring Requirements.**

Parameter Monitored	Minimum Resolution of Measurement	Minimum Documented Coefficient of Determination (R <sup>2</sup> )*
NH <sub>3</sub>	5 minutes	0.60
H <sub>2</sub> S	5 minutes	0.60
CH <sub>4</sub> or NMVOC's	5 minutes	0.60
Ambient Pressure	5 minutes	-
Ambient Temperature	5 minutes	-
Ambient Relative Humidity	5 minutes	-
<i>Wind Speed and Wind Direction (optional)</i>	5 minutes	-
Electricity backup and surge protection	All sensors must be fitted with lithium-Ion battery backup <b>(minimum 800 W)</b> which is rechargeable through <b>both</b> onsite electricity and solar energy with a surge protector	
Data logging systems	<b>All sensors must include data transfer systems for real-time reporting of data to SAAQIS upon installation, and for the duration of the project.</b>	

## 4.2 OUTPUT B: INSTALLATION AND COMMISSIONING OF 25 LOW-COST SENSORS

- 4.2.1 The service provider must install the twenty-five (25) low-cost sensors at locations identified in Figure 2. In order to do so, the service provider must possess the expertise and capacity to undertake installation and commissioning of the sensors across the country.

- 4.2.2 Once installed and commissioned, the service provider must calibrate the sensors and monitor the performance of each sensor for at least **thirty (30) days**, undertake sensor performance analyses and provide a report to the department as part of the commissioning report.



**Figure 2:** Possible locations for the installation of low-cost sensors across the provinces.

**Table 4-4. Outcome B: Installation and commissioning of the low-cost sensors – Success indicators.**

Description	Verifiable Indicator	Means of Verification
<b>OUTPUT B:</b> Installation and commissioning of 25 low-cost sensors (i.e., twenty (20) pollutant sensing and five (05) odour and pollutant sensing)	Low-cost sensors installed at identified monitoring stations	Commissioning report confirming that the sensors are installed, calibrated, operating efficiently and reporting LIVE to SAAQIS.

#### 4.3 OUTPUT C: MAINTENANCE, REPAIRS AND TECHNICAL SUPPORT OF 25 LOW-COST SENSORS

- 4.3.1 Based on the manufacturer's specifications, the service provider must include a technical support plan for as long as the sensors warranties stand as well as a sensor maintenance plan for the period of five years. Repairs will be considered as and when the services are required by the department.
- 4.3.2 As part of the service level agreement, all sensors must be regularly calibrated to ensure data integrity. The service provider must establish a calibration program for the sensors, that will support the sensor data analyses for the five-year period. The program must take into account data correction principles due to the changes in meteorological conditions (such as relative humidity and ambient temperature) as well as changes in seasonal composition of atmospheric pollutants, especially particulate matter. The program must outline how these corrections will be carried out to ensure accurate data are reported to the public.

**Table 4-5. Outcome C: Maintenance, repairs and technical support of 25 low-cost sensors.**

Description	Verifiable Indicator	Means of Verification
<b>OUTPUT C:</b> Maintenance, repairs and technical support of twenty-five (25) (i.e., 20 pollutant sensing and 5 odour and pollutant sensing) low-cost sensors for a period of five (05) years	Low-cost sensors maintained and calibrated for the 5-year period and, repaired as and when the department needs.	Low-cost sensor maintenance, repair and calibration reports for services requested by the department.

## 5. EXPECTED DELIVERABLES / OUTCOMES

- 5.1 The service provider must include a detailed proposal on how these deliverables and outcomes will be achieved:

Expected Outcomes	Estimated Timeframes for Deliverables	Reporting Requirements
<b>OUTPUT A:</b> Supply and delivery of 25 Low-cost Sensors (i.e., 20 pollutant sensing and 5 odour and pollutant sensing)	Within three (03) months of project inception	The service provider shall submit weekly reports on the supply and delivery of equipment until all sensors are procured.
<b>OUTPUT B:</b> Installation and commissioning of 25 low-cost sensors (i.e., 20 pollutant sensing and 5 odour and pollutant sensing)	Within two (02) months of receiving the sensors (one month for installation and one month for reporting)	The service provider shall submit weekly reports on the installation and commissioning of equipment until all sensors are effectively operational.
<b>OUTPUT C:</b> Maintenance, repairs and technical support of 25 low-cost sensors (i.e., 20 pollutant sensing and 5 odour and pollutant sensing) for a period of 5 years	As and when required for a period of 5 years	The service provider shall submit monthly reports on the maintenance, repairs and technical support provided to the department for the duration of the project.

## 6. PERIOD / DURATION OF PROJECT / ASSIGNMENT

- 6.1 Project must be completed within five (05) years after the signing of the SLA by both parties and issuing of an Official Purchase Order by DFFE.

## 7. COSTING

- 7.1 Comprehensive offer must be provided inclusive of all costs, expenses and all applicable taxes. Note: Travelling costs and time spent or incurred between home and the office of the project manager and the DFFE office will not be for the account of the DFFE.
- 7.2 Due to the nature of the outcome, travelling expenses by the service provider for the installation and commissioning of the sensors will be considered as a prime cost item to ensure fair competition in the bidding process. In addition, the ancillary expenditures incurred during installation such as power supply and cabling connections, sensor mountings, sampling equipment and data connection to SAAQIS will also be considered as prime cost items.
- 7.3 A comprehensive offer must be provided in the same envelope as the technical proposal inclusive of all disbursement costs, expenses and VAT (Annexure A - Price Schedule /guidance: **Service provider must quote for all activities as included in the Pricing Schedule unless indicated otherwise**).
- 7.4 DFFE reserves the right to negotiate price with a recommended service provider identified in the evaluation process without offering the same opportunity to any other bidder (s) who have not been recommended.
- 7.5 Validity period is 120 days from the closing from the closing (delete) date of bid.

## 8. INFORMATION SESSION

- 8.1 Is the briefing session applicable? 

YES
-----
- 8.2 Is it a compulsory briefing session? 

YES
-----
- 8.3 The briefing session will be held as follows:
- Date: 24 August 2023
- Time: 10h00 until 11h00 am
- Platform/ Venue: MS Teams [Click here to join the meeting](#)
- 8.4 Request for clarification of the tender document, questions, or queries, if necessary, must be submitted to DFFE representative as listed under technical enquiries at least seven (07) calendar days before the stipulated closing date and time of the tender in writing. However, DFFE shall not be liable nor assume liability for failure to respond to any questions and/or queries raised by the bidder.

## 9. EVALUATION CRITERIA

- 9.1 The evaluation for this bid will be carried out in the following phases:
- Phase 1: Pre-Compliance
  - Phase 2: Mandatory Requirements.
  - Phase 3: Functionality Criteria.
  - Phase 4: Price and Specific Goals

## 9.2 PHASE 1: PRE-COMPLIANCE

9.2.1 During this phase bid documents will be reviewed to determine the compliance with SCM returnable documents, tax matters and whether proof of registration on Central Supplier Database (CSD) has been submitted with the bid documents at the closing date and time of the bid.

9.2.2 The bid proposal will be screened for compliance with administrative requirements as indicated below:

ITEM NO.	ADMINISTRATIVE REQUIREMENTS	CHECK/ COMPLIANCE
1	Master Bid Document	Provided and bound
2	Electronic Copy (USB)	Same as the master bid document
3	SCM - SBD 1 - Invitation to Bid	Completed and signed
4	Tax Compliance and CSD Registration	Attached CSD registration number/ Proof of CSD registration and/or SARS Tax Pin
5	SBD 3.3 - Pricing Schedule	Completed
6	SCM - SBD 4 – Bidders Disclosure	Completed and signed
7	SCM - SBD 6.1 - Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022	Completed and signed
8	In case of bids where Consortia / Joint Ventures, Consortia/Joint Venture agreement signed by both parties must be submitted with bid proposal	JV agreement completed and signed, if applicable

## 9.3 PHASE 2: MANDATORY REQUIREMENTS

9.3.1 The following mandatory requirements will apply, and tenderers must submit all requirements indicated hereunder with the bid documents at the closing date and time of the bid. During this evaluation phase, bidder's responses will be evaluated based on the documents submitted under mandatory requirements.

9.3.2 Tenderers who fail to comply with the mandatory requirements will be disqualified and will not be evaluated further on functionality criterion.

Item No.	MANDATORY REQUIREMENTS (Indicate the requirement)
1	Certificate from Original Equipment Manufacturer (OEM) indicating that the supplier/ bidder has the competence to install, commission and repair as well as to provide spare components and consumables for the equipment listed.
2	All low-cost sensor units to be supplied must come with a minimum of one (1) year warranty as standard

#### 9.4 PHASE 3: FUNCTIONALITY CRITERIA

9.4.1 Only bid proposals that meets pre-qualification will be evaluated on functionality criteria,

9.4.2 The bidder must score a minimum of **75%** during Phase 3 (functionality / technical) of the evaluation to qualify for Phase 4 of the evaluation where only points for Price and Specific Goals will be considered.

GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
The supply, installation and commissioning of 20 pollutant sensing low-cost air quality monitoring sensors for the Department	Bidders are required to supply, install and commission 20 pollutant sensing low-cost air quality monitoring sensors for the Department		
	Bidders are required to illustrate the ability to supply, install and commission 20 (i.e., 20 pollutant sensing) low-cost sensors meeting the requirements detailed in Table 4-2 delivered and registered in the department asset register.  For all parameters monitored, evidence on how well the sensors perform in comparison to reference monitoring technologies (coefficient of determination, R <sup>2</sup> ) must be based on independent published documentation.	Indicator	Weight
	Information regarding the R <sup>2</sup> was provided on the type of Low-Cost Sensors (pollutant sensing) which meet the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) for all pollutants, with three (3) pollutants (PM, SO <sub>2</sub> & NO <sub>2</sub> ) or more exceeding the R <sup>2</sup> as indicated in Table 4-2.	5	20
	Information regarding the R <sup>2</sup> provided on type of Low-Cost Sensors (pollutant sensing) which meet the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) for all pollutants, with two (2) pollutants (PM & SO <sub>2</sub> ) exceeding the R <sup>2</sup> as indicated in Table 4-2	4	
	Information regarding the R <sup>2</sup> provided on type of Low-Cost Sensors (pollutant sensing) for all pollutants which meet the required Minimum	3	



GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
	Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-2		
	Information regarding the R <sup>2</sup> was provided on the type of Low-Cost Sensors (pollutant sensing) with a minimum of one pollutant meeting the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-2.	2	
	Information regarding the R <sup>2</sup> was provided on the type of Low-Cost Sensors (pollutant sensing) with all pollutants not meeting the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-2.	1	
	No information regarding the R <sup>2</sup> provided i.e., no R <sup>2</sup> information detailed by service provider	0	
The supply, installation and commissioning of 5 odour and pollutant sensing low-cost air quality monitoring sensors for the Department	Bidders are required to supply, install and commission 5 odour sensing low-cost air quality monitoring sensors for the Department		
	Bidders are required to illustrate the ability supply, install and commission 5 (i.e., 5 odour) low-cost sensors meeting the requirements detailed in Table 4-3 delivered and registered in the department asset register.  For all parameters monitored, evidence on how well the sensors perform in comparison to reference monitoring technologies (coefficient of determination, R <sup>2</sup> ) must be based on independent published documentation.	Indicator	Weight
	Information regarding the R <sup>2</sup> was provided on the type of Low Cost Sensors (odour sensing), which greatly exceeds the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) for all pollutants, with three (3) pollutants (H <sub>2</sub> S, NH <sub>3</sub> and CH <sub>4</sub> or NMVOC's ) or more exceeding the R <sup>2</sup> as indicated in Table 4-3.	5	10
	Information provided regarding the R <sup>2</sup> on type of	4	

GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
	Low-Cost Sensors (odour sensing) which exceeds the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) for all pollutants, with two (2) pollutants (H <sub>2</sub> S and NH <sub>3</sub> ) exceeding the R <sup>2</sup> as indicated in Table 4-3.		
	Information regarding the R <sup>2</sup> provided on type of Low-Cost Sensors (odour sensing) for all pollutants meeting the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-3.	3	
	Information regarding the R <sup>2</sup> was provided on the type of Low-Cost Sensors (odour sensing) with a minimum of one pollutant meeting the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-3.	2	
	Information regarding the R <sup>2</sup> was provided on the type of Low-Cost Sensors (odour sensing) with all pollutants not meeting the required Minimum Documented Coefficient of Determination (R <sup>2</sup> ) as detailed in Table 4-3.	1	
	No information regarding the R <sup>2</sup> provided i.e., no R <sup>2</sup> information detailed by service provider	0	
A proposed project plan, methodology and management of the project in the supply, installation, commissioning and providing technical support in the low-cost sensors for ambient air quality monitoring for a period of five (5) years	Bidders are required to provide a detailed project plan with intermediate, and final outputs and identified timeframes/ milestones of proposed methodology in the supply, installation, commissioning and technical support in the low-cost sensor for ambient air quality monitoring.		
	Project plan, methodology and detailed maintenance plan for the low-cost sensors monitoring for a period of five (5) years. The plan must be based on the sensor manufacturer specifications on maintenance and calibration.	Indicator	Weight
	Project plan and methodology action thoroughly broken down; with detailed objectives and milestones.	5	20
	Project plan and methodology action well broken down;	4	

GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
	with detailed objectives and milestones.		
	Project plan and methodology, action identification basic; clear objectives and clear milestones.	3	
	Action plan provided with no deliverables and timeframes with limited information provided on the action plan	2	
	Very little information was provided on the project plan, methodology and maintenance plan	1	
	No information provided	0	
Qualifications of the Project Team Leader (Key Expert 1) to be assigned to the project.	Bidder(s) are required to submit/ attach copy of relevant qualification for the Project Team Leader (Key Expert 1) in any of the following fields of study: Atmospheric Science/Meteorology/ Environmental Science		
	Qualifications of the Project Team Leader (Key Expert 1)	Indicator	Weight
	A Masters or higher qualification and above	5	10
	An honours degree qualification (s)	4	
	A degree or Bachelors qualification (s)	3	
	A three-year national diploma qualification (s)	2	
	A certificates qualification (s)	1	
	No qualification (s) attached/ submitted	0	
Qualifications of the Principal Technical Expert/Senior Field Instrument Technician (Key Expert 2) to be assigned to the project.	Bidder(s) are required to submit/ attach copy of relevant qualification for the Principal Technical Expert/Senior Field Instrument Technician (Key Expert 2) in any of the following fields of study: Environmental Engineering/Environmental Management		
	Qualifications of Principal Technical Expert/Senior Field Instrument Technician (Key Expert 2)	Indicator	Weight
	A Masters or higher qualification and above	5	10
	An honours degree qualification (s)	4	
	A degree or Bachelors qualification (s)	3	
	A three-year national diploma qualification (s)	2	
	A certificates qualification (s)	1	
	No qualification (s) attached/ submitted	0	
Technical Capability/ expertise and track record of a Project Team Leader (Key Expert 1) to be assigned in	Bidder(s) are required to demonstrate that they have the necessary resources and technical expertise to undertake and successfully complete the project in the supply, installation, commissioning and maintenance of the low-cost sensors in ambient air quality monitoring.		

GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
the supply, installation, commissioning and maintenance of low-cost sensors for ambient air quality monitoring.	Bidder(s) should submit curriculum vitae for the Project Team Leader (Key Expert 1) proposed to be employed on the project.  Curriculum vitae are to include specific details of these individuals including, inter alia, relevant experience and to include three contactable references, and experience in supply, installation, commissioning and maintenance of the low-cost sensors for ambient monitoring.		
	Experience of Project Team Leader (Key Expert 1) in the low-cost sensors for ambient air quality monitoring	Indicator	Weight
	5 or more years' experience	5	10
	4 but less than 5 years' experience	4	
	3 but less than 4 years' experience	3	
	2 but less than 3 years' experience	2	
	1 but less than 2 years' experience	1	
	Less than 1 years or no experience	0	
Technical Capability/ expertise and track record of a principal technical expert/ senior field technician (key expert 2) to be assigned in the supply, installation, commissioning and maintenance of low-cost sensors for ambient air quality monitoring.	Bidder(s) are required to demonstrate that they have the necessary resources and technical expertise to undertake and successfully complete the project in the supply, installation, commissioning and maintenance of the low-cost sensors in ambient air quality monitoring.  Bidder(s) should submit curriculum vitae for the principal technical expert/ senior field technician (key expert 2) proposed to be employed on the project. Curriculum vitae are to include specific details of these individuals including, inter alia, relevant experience and to include three contactable references, and experience in supply, installation, commissioning and maintenance of the low-cost sensors for ambient monitoring.		
	Experience of principal technical expert/ senior field technician (key expert 2) in the low-cost sensors for ambient air quality monitoring	Indicator	Weight
	5 or more years' experience	5	10
	4 but less than 5 years' experience	4	
	3 but less than 4 years' experience	3	
	2 but less than 3 years' experience	2	
	1 but less than 2 years' experience	1	
	Less than 1 years or no experience	0	
The service provider	Bidder(s) are required to demonstrate relevant experience and competency of		

GUIDELINES FOR CATEGORY CRITERIA	FUNCTIONALITY: (GUIDELINES FOR CRITERIA APPLICATION)		
experience, track record and knowledge in the supply, installation, commissioning and maintenance of low-cost sensors for ambient air quality monitoring.	<p>the company for all successfully completed projects.</p> <p>Bidder(s) should submit full details of reliable contactable dully signed positive references letters on company letter head where successfully completed projects were done in the supply, installation, commissioning and maintenance of low-cost sensors in ambient air quality monitoring.</p>		
	Company experience in successfully managing projects to supply and low-cost sensors in ambient air quality monitoring.	Indicator	Weight
	5 successfully completed projects with 5 duly signed positive reference letters or more	5	10
	4 successfully completed projects with 4 duly signed positive reference letters	4	
	3 successfully completed projects with 3 duly signed positive reference letters	3	
	2 successfully completed projects with 2 duly signed positive reference letters	2	
	1 successfully completed project with 1 duly signed positive reference letter	1	
	No successfully completed project	0	
<b>TOTAL POINTS ON FUNCTIONALITY</b>			<b>100</b>

## 9.5 PHASE 4: PRICE AND PREFERENCE POINTS

9.5.1 Preference point system applicable for this bid is: 80/20.

9.5.2 The following preference point system will be followed to advance the categories of persons:

- a. For contracts with a Rand value up to R50 000 000, a maximum of 20 points may be allocated for specific goals as contemplated above, provided that the lowest acceptable tender scores 80 points for price.
  - i. The applicable formula to be used is  $Ps=80[1-(Pt-Pmin)/Pmin]$ . Provided:
 

Ps = Points scored for price of tender under consideration.

Pt = Price of tender under consideration; and

Pmin = Price of the lowest applicable tender.
  - ii. A total of 20 points may be awarded to a tenderer as follows:
 

20 points: if the Bidder has more than 50% (fifty percent) by Black people, Women, or people with disabilities

0 Points: for 50% and below ownership by stipulated categories of persons

9.5.3 A contract may be awarded to a tenderer that did not score the highest points in accordance with section 2(1) of the PPPFA.

9.5.4 Bid will be awarded to a bidder with the highest points on price and Preference Points on condition that they have met all phases of the evaluation criteria and complied with the tender requirements set out in the tender document.

9.5.5 A maximum of 20 Points will be allocated for either of the specific goals.

<b>SPECIFIC GOALS</b>	<b>80/20</b>
>50% ownership by Black people, Or	20
>50% ownership by Women, Or	20
>50% ownership by people with Disability	20

9.5.6 For service providers to claim for preference points the following must be adhered to:

- a) Submit a complete and signed SBD 6.1,
- b) Bidders are requested to submit a valid B-BBEE Status Level Verification Certificate issued by SANAS, or Accredited Verification Agency; or B-BBEE Certificate issued by CIPC, or Sworn Affidavit commissioned by Commissioner of Oaths together with their bids.
- c) If the application is made by a Joint Venture or Partnership, the accreditation credentials in name of joined entities should be submitted. Members in the joint venture must meet the requirement of the proposal.
- d) Submit a CSD report.

## **10. BID SUBMISSION REQUIREMENTS**

10.1 Bidders should ensure that the following submission requirements, which will be needed for evaluation purposes are included in their bid proposal:

- 10.1.1 The bidder must draft a table of contents which will indicate where each document is in the proposal.
- 10.1.2 The proposal shall consist of one (01) master original document and must clearly indicate the prices on SBD 3.3 and Annexure A (where applicable) for detailed price schedule.
- 10.1.3 The information in the CV of the proposed Project Team Leader (Key Expert 1) and Principal Technical Expert/ Senior Field Technician (Key Expert 2) should include relevant experience in the chosen area of expertise.
- 10.1.4 Project reference specifying the role played by the service provider in the listed projects or assignments.
- 10.1.5 A detailed project plan with clear indication of who will be responsible for the management of the assignment as well as its execution. The allocation of team members on the assignments should be based on the experience in delivering the scope of work as listed.
- 10.1.6 Standard bidding documents (SBD1, 3.3, 4 and 6.1)
- 10.1.7 Copy of Central Supplier Database (CSD) report or tax pin certificate from SARS.
- 10.1.8 Letter of Authority to sign documents on behalf of the company.

## 11. LEGISLATIVE FRAMEWORK OF THE BID

### 11.1 Tax Legislation:

- 11.1.1 Bidder must at all times attempt to be compliant when submitting proposal to DFFE and remain compliant for the entire contract term with all applicable tax legislation, including but not limited to the Income Tax Act, 1962 (Act No. 58 of 1962) and Value Added Tax Act, 1991 (Act No. 89 of 1991).
- 11.1.2 A person may also choose to register voluntary for VAT if the value of taxable supplies made or to be made is less than R1 million but has, under certain circumstances, exceeded R50 000 in the past period of 12 months.
- 11.1.3 A bidder / person must register for VAT where in terms of a written contractual obligation, the value of taxable supplies to be made in a 12-month period will exceed R1 million
- 11.1.4 It is compulsory for a person to register for VAT if the value of taxable supplies made or to be made, is in excess of R1million in any consecutive 12-month period.
- 11.1.5 Bidders who meet the above requirement must register as VAT vendors, if successful, within one month of award of the bid. Proof of VAT registration must be furnished to the Department.
- 11.1.6 SARS Tax Status Pin requirements / or Central Supplier Database (CSD) number or report must be provided, and the Department will check bidders' tax compliance status.
- 11.1.7 In case of bids where Consortia / Joint Ventures / Sub-contractors are involved; such must be clearly indicated, and each party must submit a separate copy of a valid Tax Clearance Certificate or copy of Tax Compliance Status Pin or CSD/ MA supplier Number together with the bid.
- 11.1.8 Failure to submit a valid Tax Clearance Certificate/ Tax Compliance Status Pin/ copy of CSD/ MA supplier Number the bidder may be disqualified.
- 11.1.9 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.

### 11.2 Procurement Legislation

- 11.2.1 Bidders should be cognisant of the legislation and/or standards specifically applicable to the services.
- 11.2.2 Bidders are requested to submit a valid B-BBEE Status Level Verification Certificate issued by SANAS Accredited Verification Agency; or B-BBEE Certificate issued by CIPC, or Sworn Affidavit commissioned by Commissioner of Oaths together with their bids.
- 11.2.3 If the application is made by a Joint Venture or Partnership, the accreditation credentials in name of joined entity should be submitted. All members in the joint venture must meet the requirement of the proposal.

### 11.3 Privacy and Protection of Personal Information Act 4 of 2013

- 11.3.1 Protecting personal information is important to the Department of Forestry, Fisheries, and the Environment. To do so, DFFE follows general principles in accordance with applicable privacy laws and the Protection of Personal Information Act 4 of 2013 (POPIA).

- 11.3.2 DFFE's role as the responsible party, is amongst others to process personal information for the intended purpose for which it was obtained and in line with legal agreements with its respective/prospective services providers and third parties.
- 11.3.3 DFFE will process personal information only with the knowledge and authorisation of the bidder/respondent and will treat personal information which comes to its knowledge as confidential and will not disclose it, unless so required by law or subject to the exception contained in the POPIA.
- 11.3.4 DFFE reserves all the rights afforded to it by the POPIA in the processing of any of its information as contained in this bid and the bidder/respondent is required to comply with all prescripts as detailed in the POPIA relating to all information concerning DFFE.
- 11.3.5 In responding to this bid, DFFE acknowledges that it will obtain and have access to personal information of the bidder/respondent. DFFE agrees that it shall only process the information disclosed by the bidder/respondent in their response to this bid for the purpose of evaluation and subsequent award of the tender and in accordance with any applicable law.

## **12. SPECIAL CONDITIONS OF CONTRACT**

- 12.1 On appointment, the performance measures for the delivery of the project will be closely monitored by the DFFE.
- 12.2 The service provider/s will submit soft copy weekly progress report for the first three (03) months from start of the project then submit monthly progress reports to the Programme Manager, within four (04) days after the end of each month and quarter for the duration of the project. Failure to submit the required reports on time will result in penalties.
- 12.3 The Programme Manager shall do the ongoing management of the Service Level Agreement.
- 12.4 Appointed service provider may be subjected to security vetting and screening.
- 12.5 The appointed service provider may be subjected to security vetting and screening.
- 12.6 The service provider/s must guarantee the presence of the senior in charge of fieldwork throughout the duration of the contract.
- 12.7 The Department shall consider Company and Individual(s) (Personnel) experience and Qualifications obtained within and outside the Republic of South Africa (RSA). The qualification obtained outside RSA shall for evaluation be accompanied by the SAQA Certificate of Evaluation (SCoE). The SCoE will indicate the recognition decision taken by SAQA in respect of the foreign qualification and the comparability of that qualification with a South African qualification registered on the National Qualification Framework (NQF). Foreign qualifications that are not accompanied by the SCoE shall not be considered for evaluation in this contract.
- 12.8 Prior to the appointment of a replacement, the Programme Manager must approve such appointment. If the senior has to leave the project, a period of at least one (01) month is required, in which the senior must work parallel with the next person (senior consultant with similar expertise and equal years of experience) appointed able to transfer skills and knowledge.



- 12.9 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.
- 12.10 The service provider shall notify the DFFE in writing of all subcontracts awarded under this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the service provider from any liability or obligation under the contract.
- 12.11 The service provider will submit monthly progress reports as per the agreed to workplan, to the Programme Manager, within three (03) days after the set date.
- 12.12 The proposals should be submitted with all required information containing technical information.
- 12.13 A trust, consortium or joint venture will qualify for Preference Points if their average combined ownership is more than 50% (fifty percent) of ownership on specific goals (e.g., two or more companies claiming preference points, Ownership/ Directorship will be combined and divided by the number of companies to ascertain the preference points),
- 12.14 DFFE reserves the right to request additional information to validate any information submitted by bidders including preference points claimed.
- 12.15 **For bidders to claim preference points, the following must be adhered to;**
- 12.15.1 Submit a complete and signed SBD 6.1,
- 12.15.2 Submit CSD report.
- NB:** Failure on the part of a tenderer to submit proof or documentation stated above in terms of this tender to claim preference points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 12.16 If the DFFE is of the view that a Bidder submitted false information regarding a Specific Goal, the DFFE must inform the Bidder accordingly and give the Bidder an opportunity to make representations within 14 (fourteen) days as to why: -
- 12.16.1 the Tender may not be disqualified, or,
- 12.16.2 if the Tender has already been awarded to the Bidder, the contract or order should not be terminated in whole or in part.
- 12.17 After considering the representations, the DFFE may, if it concludes that the information relating to a Specific Goal is false, disqualify the Bidder or terminate the Contract in whole or in part and if applicable, claim damages from the Bidder.
- 12.18 Poor or non-performance by the bidder will result in cancellation of contract / orders.
- 12.19 Please take note that DFFE is not bound to select any of the firms' submitting proposals. DFFE reserves the right not to award any of the bids and not to award the contract to the lowest bidding price.
- 12.20 DFFE will not be held responsible for any costs incurred by the service providers in the preparation, presentation, and submission of the proposal.

### **13. PAYMENT TERMS**

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

#### 14. TECHNICAL ENQUIRIES

- 14.1 Should you require any further information in this regard, please do not hesitate to send written enquiries to the following contacts:

Name	: Mr Maluta Mbedzi	Name	: Mr Thabo Setsedi
Office Telephone No.	:012 399 9709	Office Telephone No	..:012 399 9197
E-Mail	: <a href="mailto:mmbedzi@dffe.gov.za">mmbedzi@dffe.gov.za</a>	E-Mail	: <a href="mailto:tsetshedi@dffe.gov.za">tsetshedi@dffe.gov.za</a>

**15. ANNEXURE A- PRICING SCHEDULE**

EXPECTED DELIVERABLES	UNIT PRICE	RATE PER	TOTAL COST (EXCLUDING VAT)
<b>Output A:</b> Supply and delivery of 25 Low-cost Sensors	R .....	N/A	R .....
<b>Output B:</b> Installation and commissioning of 25 low-cost sensors	N/A	R .....	R .....
<b>Output C:</b> Maintenance, calibration, repairs and technical support of 25 low-cost sensors for a period of 5 years	Fixed Cost	Fixed Cost	
Maintenance, Calibration and Repair of 25 Low-Cost Sensors: Year 1	Covered by warranty	Covered by warranty	Covered by warranty
Maintenance, Calibration and Repair of 25 Low-Cost Sensors: Year 2	Fixed Cost	Fixed Cost	R 110 000
Maintenance, Calibration and Repair of 25 Low-Cost Sensors: Year 3	Fixed Cost	Fixed Cost	R 121 000
Maintenance, Calibration and Repair of 25 Low-Cost Sensors: Year 4	Fixed Cost	Fixed Cost	R 133 100
Maintenance, Calibration and Repair of 25 Low-Cost Sensors: Year 5	Fixed Cost	Fixed Cost	R 146 410
<b>SUB-TOTAL EXCLUDING VAT</b>			R .....
<b>VAT 15%</b>			R .....
<b>TOTAL INCLUDING VAT</b>			R .....

16. ANNEXURE B – CV TEMPLATE

TO BE COMPLETED BY TEAM LEADER AND PRINCIPAL TECHNICAL EXPERT/SENIOR FIELD INSTRUMENT TECHNICIAN

1. Surname	
2. Name	
3. National ID / Passport Number	
4. Contact Number	
5. Email Address	
6. Proposed role on the project	

7. Education:

Year Completed	Institution	Degree / Diploma obtained	NQF Level

8. Language skills: Indicate competence on a scale from 1 (basic) to 5 (excellent)

Language	Reading	Speaking	Writing

9. Membership of professional bodies:

Name of professional body	Year joined	Membership Number

10. Other skills: (e.g. Computer literacy, etc.)


11. Present position:

Name of Employer	
Position	
Date from - Date to	

12. Years within the institution:

**13. Key experience relevant to the terms of reference: (List specific assignments relevant to the terms of reference)**

Name of Employer	Name of Client	Role on Assignment	Client Reference (Provide contact person and contact details)	Date from - Date to	Description of key experience as per the requirements of Terms of Reference

**14. Professional experience:**

Name of Employer	Date from - Date to	Reference (Provide contact person and contact details)	Position	Description of duties

**15. Other relevant information (e.g. Publications)**

# **THE NATIONAL TREASURY**

**Republic of South Africa**



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## **GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT**

**July 2010**

**GOVERNMENT PROCUREMENT**  
**GENERAL CONDITIONS OF CONTRACT**  
**July 2010**

**NOTES**

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

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## **General Conditions of Contract**

### **1. Definitions**

1. The following terms shall be interpreted as indicated:
  - 1.1 “Closing time” means the date and hour specified in the bidding documents for the receipt of bids.
  - 1.2 “Contract” means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
  - 1.3 “Contract price” means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
  - 1.4 “Corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
  - 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
  - 1.6 “Country of origin” means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
  - 1.7 “Day” means calendar day.
  - 1.8 “Delivery” means delivery in compliance of the conditions of the contract or order.
  - 1.9 “Delivery ex stock” means immediate delivery directly from stock actually on hand.
  - 1.10 “Delivery into consignees store or to his site” means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
  - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the

RSA.

- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such

obligations of the supplier covered under the contract.

- 1.25 “Written” or “in writing” means handwritten in ink or any form of electronic or mechanical writing.

## **2. Application**

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

## **3. General**

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from [www.treasury.gov.za](http://www.treasury.gov.za)

## **4. Standards**

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

## **5. Use of contract documents and information; inspection.**

- 5.1 The supplier shall not, without the purchaser’s prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser’s prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier’s performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier’s records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

## **6. Patent rights**

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

**7. Performance security**

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
  - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

**8. Inspections, tests and analyses**

- 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 inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 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 purchaser 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 supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or

analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

## **9. Packing**

- 9.1 The supplier 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.

- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

## **10. Delivery and documents**

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

## **11. Insurance**

- 11.1 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 in the SCC.

## **12. Transportation**

- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

## **13. Incidental services**

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
  - (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
  - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

- (d) 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
- (e) 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.

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.

#### **14. Spare parts**

14.1 As specified in SCC, the supplier 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:

- (a) 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
- (b) in the event of termination of production of the spare parts:
  - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
  - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

#### **15. Warranty**

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. The supplier 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.

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, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, 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.

**16. Payment**

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

**17. Prices**

- 17.1 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 in SCC or in the purchaser's request for bid validity extension, as the case may be.

**18. Contract amendments**

- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

**19. Assignment**

- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

**20. Subcontracts**

- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

**21. Delays in the supplier's performance**

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 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 purchaser 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 purchaser 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.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 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.

21.5 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 21.2 without the application of penalties.

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling 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.

## **22. Penalties**

22.1 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 purchaser 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 using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

## **23. Termination for default**

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
- (b) if the Supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any



person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.

23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

#### **24. Anti-dumping and countervailing duties and rights**

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which

may be due to him

**25. Force Majeure**

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

**26. Termination for insolvency**

- 26.1 The purchaser 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 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.

**27. Settlement of Disputes**

- 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.
- 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.
- 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.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
  - (b) the purchaser shall pay the supplier any monies due the supplier.

**28. Limitation of liability**

- 28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

	(b) aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
<b>29. Governing language</b>	29.1 The contract shall 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.
<b>30. Applicable law</b>	30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
<b>31. Notices</b>	<p>31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice</p> <p>31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.</p>
<b>32. Taxes and duties</b>	<p>32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.</p> <p>32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.</p> <p>32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.</p>
<b>33. National Industrial Participation (NIP) Programme</b>	33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
<b>34 Prohibition of Restrictive practices</b>	<p>34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).</p> <p>34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.</p>

- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

Js General Conditions of Contract (revised July 2010)



# DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

## BAS ENTITY MAINTENANCE FORM

### Head Office Only

Date Received \_\_\_\_\_  
Safetynet Capture \_\_\_\_\_  
Safetynet Verified: \_\_\_\_\_  
BAS/LOGIS Capt \_\_\_\_\_  
BAS/LOGIS Auth \_\_\_\_\_  
Supplier No. \_\_\_\_\_

### The Director General

I/We hereby request and authorise you to pay any amounts, which may accrue to me/us to the credit of my/our account with the mentioned bank.

I/we understand that the credit transfers hereby authorised will be processed by computer through a system known as "ACB - Electronic Fund Transfer Service", and I/we understand that no additional advice of payment will be provided by my/our bank, but that the details of each payment will be printed on my/our bank statement or any accompanying voucher. (This does not apply where it is not customary for banks to furnish bank statements).

I/we understand that the Department will supply a payment advice in the normal way, and that it will indicate the date on which the funds will be made available on my/our account.

This authority may be cancelled by me/us by giving thirty days notice by prepaid registered post.

**Please ensure information is validate as per required bank screens .**

I/We understand that bank details provided should be exactly as per record held by the banks.

**I/We understand that the Department will not held liable for any delayed payments as a result of incorrect information supplied.**

### Company / Personal Details

Registered Name

Trading Name

Tax Number

VAT Number

Title:

Initials:

Full Names

Surname

Persal Number

### Address Detail

Address

( Compulsory if Supplier )

Physical

Postal

Postal Code

### New Detail

☐ New Supplier information ☐ Update Supplier information

Supplier Type:

☐ Individual  
☐ Company  
☐ CC

☐ Department  
☐ Trust  
☐ Other ( Specify )

☐ Partnership

\_\_\_\_\_

Department Number

\_\_\_\_

