



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: KJ Rasifudi
Telephone: 012 336 6856 / 060 980 7744
Reference: SWAT+ training WD 406

CHIEF DIRECTOR: SUPPLY CHAIN MANAGEMENT

REQUEST FOR APPROVAL TO DEVIATE FROM NORMAL PROCUREMENT PROCESSES FOR THE SOIL AND WATER ASSESSMENT TOOL (SWAT+) TRAINING TO THE STUDY TEAM FOR PROJECT: DEVELOPMENT AND IMPLEMENTATION OF WATER QUALITY MANAGEMENT ACTION PLAN FOR THE INTEGRATED VAAL RIVER SYSTEM BY A SOLE SUPPLIER: DIGITAL SOILS AFRICA.

1. PURPOSE

- 1.1 To request the Chief Director: of Supply Chain (SCM) to approve to deviate from normal procurement processes for the training of the Soil and Water Assessment Tool (SWAT+) of a study team given in Table 1 working on a project: The Development and Implementation of Water Quality Management Action Plans for the Integrated Vaal River System, by an identified sole supplier: Digital Soils Africa (DSA).

Table 1: Study team to be trained by DSA on SWAT+.

Name of Official	Directorate
Joshua Rasifudi	Head Office : Water Information Integration
Nokulunga Biyase	Head Office : Water Information Integration
Hulisani Mafenya	Head Office : Water Information Integration
Oudi Kgomongwe	Head Office : Water Information Integration
Judy Reddy	Head Office : Water Information Integration
Philani Ngubane	Gauteng Regional Office: Water Resources Support
Zimkhitha Kave	Gauteng Regional Office: Water Resources Support
Mbali Dlamini	Gauteng Regional Office: Water Resources Support
Ayanda Mtetwa	Head Office : Mine & Industrial Water Regulation

2. BACKGROUND AND DISCUSSION

- 2.1 The Department of Water and Sanitation ensures that the country's water resources are fit for equitable and sustainable use. Water resources of the IVRS are an essential asset to the country, supporting major economic activities and a population of over 16 million people. Water quality in the catchment is declining at an alarming rate; as a result, the

Department has taken the initiative to develop and implement water quality management action plans in the catchment as an intervention.

- 2.2 The project is conducted and coordinated internally through the Directorate: Water Information Integration under the Chief Directorate: National Water Resource Information Management, with the study team made up primarily of scientists from the sub-directorate Integrated Water Resource Studies.
- 2.3 The project's preparatory phase commenced in November 2022, and the initial deliverables, Inception, and Status Quo Analysis Reports have been completed. The project's next step in the next six months is to configure and set up a SWAT+ water quality model for the catchment. SWAT+ is the most recent and restructured model code which was selected for use, and the study team will require training to meet the deliverable – Hydrological and water quality model report.
- 2.4 The SWAT+ model was identified as an appropriate modeling tool for application in the IVRS to assess and estimate the current and future impacts on water quality in the system. The DSA has substantial experience using models and is the only identified service provider who has conducted several SWAT+ trainings in the country in collaboration with model developers and instructors involved in the SWAT+ model testing, application, and debugging.
- 2.5 As requested, Digital Soils Africa has provided a proposal (Annexure A) where the model experts will carry out SWAT+ training. DSA also confirms that they are the sole service provider for training in the SWAT+ model (**Annexure B**).

3. IMPLICATIONS

3.1 Personnel

- 3.3.1 The project study team given in Table 1 will attend training in person as arranged at the Roodeplaat Training Center. The training will equip the team with the essentials and prepare them to use the systems and models for the IVRS Project independently. The capacity-building component forms a critical part of the project.

3.2 Financial

- 3.2.1 The estimated cost of the SWAT+ training, as proposed in **Annexure A**, is R 217 791.60. The training is budgeted for the 2023/24 Directorate: Water Information budget, as given below. BAS Report is attached as **Annexure C**.

Responsibility	Objective	Item	Estimated cost (inclu. Vat)
30 606 906 Dir: Water Info Integration	30 116 906 Water Resources Info and Man	Training and Development	R 217 791.60

3.3. Legal

- 3.3.1 None

3.4. Regulatory Compliance

- 3.4.1 The submission is presented according to item 216 of the Financial Delegations of Powers of August 2021. The appointment of the sole provider is delegated to the Chief Director: SCM and must be submitted to DBAC for a recommendation.

3.5. Communication

- 3.5.1 None

4. COMPONENTS CONSULTED

- 4.1 Supply Chain Management

5. RECOMMENDATIONS

It is recommended that:

- 5.1 The Chief Director: Supply Chain (SCM) approves to deviate from normal procurement processes for the training of the Soil and Water Assessment Tool (SWAT+) for a study team given in Table 1 working on a project: The Development and Implementation of Water Quality Management Action Plans for the Integrated Vaal River System, by an identified sole supplier: Digital Soils Africa (DSA).



NAME: Andy Sambo

DIRECTOR: WATER INFORMATION INTEGRATION

DATE: 30/06/2023

RECOMMENDATION IN 5.1 ~~SUP~~SUPPORTED / NOT SUPPORTED

Supported as per DBAC deliberaion held 6 July 2023

NAME:

CHAIRPERSON: DEPARTMENTAL BID ADJUDICATION COMMITTEE (DBAC)

DATE:

6 July 2023

RECOMMENDATION IN 5.1 APPROVED / ~~NOT APPROVED~~

NAME:

CHIEF DIRECTOR: SUPPLY CHAIN MANAGEMENT

DATE:

19/07/2023

Annexure A: SWAT+ Model Training Proposal by Digital Soils Africa (DSA).

Annexure B: Sole Provide Support Letter.

Annexure C: BAS Report

ANNEXURE A



QUOTE

NUMBER: QUO042094
REFERENCE: SWAT+ COURSE WITH WATER QUALITY
DATE: 10/07/2023
DUE DATE: 31/07/2023
SALES REP:
OVERALL DISCOUNT %: 0.00%
PAGE: 1/1

FROM
DIGITAL SOILS AFRICA PTY LTD

VAT NO: 4340287384

POSTAL ADDRESS:

1 Kemsley Street
Richmond Hill
Port Elizabeth

6001

PHYSICAL ADDRESS:

1 Kemsley Street
Richmond Hill
Port Elizabeth

6001

TO
DEPT OF WATER AND SANITATION

CUSTOMER VAT NO:

POSTAL ADDRESS:

185 Francis Baard Street
Private Bag X 313

Pretoria
0001

PHYSICAL ADDRESS:

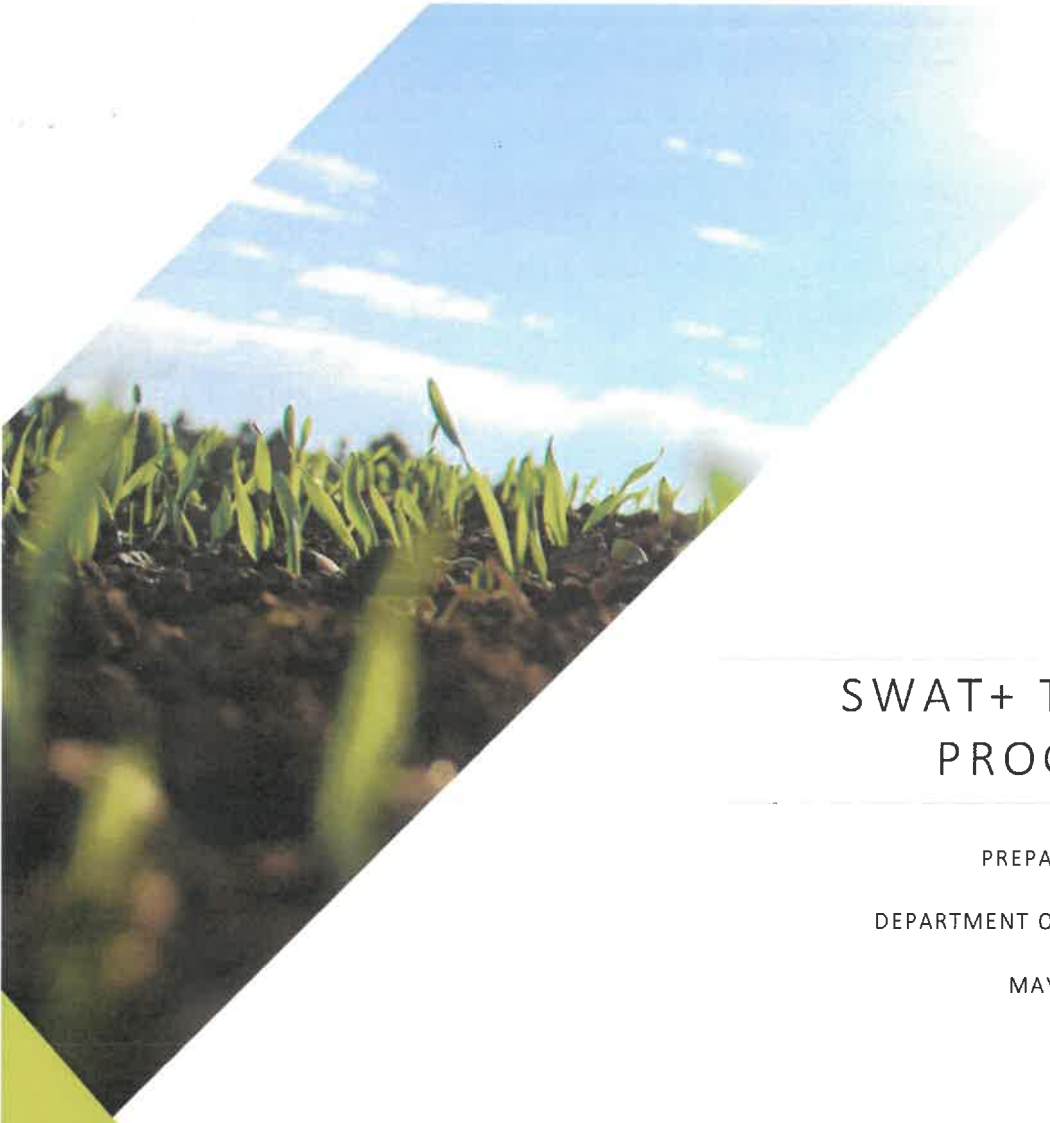
Description	Quantity	Excl. Price	Disc %	VAT %	Excl. Total	Incl. Total
OPS - Operational Costs	1.00	R35,784.00	0.00%	15.00%	R35,784.00	R41,151.60
22 - Preparation	16.00	R1,200.00	0.00%	15.00%	R19,200.00	R22,080.00
14 - Phase 1	8.00	R1,200.00	0.00%	15.00%	R9,600.00	R11,040.00
14 - Phase 2	32.00	R1,200.00	0.00%	15.00%	R38,400.00	R44,160.00
14 - Phase 3	32.00	R1,200.00	0.00%	15.00%	R38,400.00	R44,160.00
14 - Phase 4	40.00	R1,200.00	0.00%	15.00%	R48,000.00	R55,200.00

First National Bank Acc No: 62509131653
Branch: 230534 Brandwag, OFS 507
Please use the Invoice Number as a reference and email proof of payment to
admin@dsafrica.co.za
Please note that we will never change our bank account details.

Total Discount: R0.00
Total Exclusive: R189,384.00
Total VAT: R28,407.60
Sub Total: R217,791.60

Grand Total: R217,791.60

BALANCE DUE
R217,791.60



SWAT+ TRAINING PROGRAM

PREPARED FOR
DEPARTMENT OF WATER AFFAIRS
MAY 2023



DSA
Digital Soils Africa

 +27 83 703 3002

 www.dsafrica.co.za

 darren@dsafrica.co.za

 Kemsley Street
Port Elizabeth

Directors:
Dr Darren Bouwer
Prof Johan Van Tol
Prof George Van Zijl

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TERMS OF REFERENCE

Digital Soils Africa (Pty) LTD (DSA) were tasked by Department of Water Affairs to quote for a SWAT+ training program.

DSA runs SWAT+ training courses regularly and have published extensively using the SWAT+ model. By partnering with world leaders, we can provide world class training. Therefore, having provided SWAT+ training and experience in conducting large scale catchment modelling, DSA is well positioned to train individuals on SWAT+ setup for modelling catchments.

SWAT+ WORKSHOP

The proposed framework of the training is proposed as follows:

Phase 1 (1 Day)- This will be one instructor in person.

- Basic QGIS (Make sure everyone has the skills to prepare input data).
- Installing and basic orientation in SWAT+.

Phase 2 (2 Days)- Dr Bieger remotely, one instructor in person

- SWAT+ Introduction to catchment modelling with the Soil and Water Assessment Tool (SWAT+).

Phase 3 (2 Days)- Dr Bieger remotely, one instructor in person

- Problem solving and Q&A from basic course.
- Water quality parameters.

Phase 4 (5 Days) operational support and debugging

- Input data support
- Problem and error solving

Phase 1-3 to completed before the July and Phase 4 will be a ad hoc and then in person for at least 1 day. Dr Bieger will be in South Africa in September or October for in person problem solving.

Introduction to catchment modeling with the Soil and Water Assessment Tool (SWAT+)

SWAT+ SOIL & WATER ASSESSMENT TOOL

The Soil and Water Assessment Tool is one of the most widely used hydrologic models. It has a large, global user community and has been applied to catchments all over the world. One of the most important strengths of the model are its comprehensive simulation of both land processes including plant growth and detailed land management and channel routing processes, integrating multiple environmental processes and pollutants. To face present and future challenges in water resources modeling and management, the SWAT code, input, and output files have undergone major modifications over the past decade, resulting in SWAT+, a completely restructured version of the model.

The following topics will be covered in a mix of theoretical and hands-on sessions:

1. General introduction to the model
2. Setting up a SWAT+ model using QSWAT+ and the SWAT+ Editor
3. SWAT+ input files and parameters
4. Running the model and evaluating SWAT+ outputs
5. Basic calibration and overview of available calibration tools
6. Preparing your own input data
7. Water quality parameterization

Primary workshop instructor

Dr. Katrin Bieger has over 15 years of SWAT/SWAT+ modeling experience. After earning her PhD at the University of Kiel (Germany) in 2013, she joined the model development team in Temple, Texas, where she focused on SWAT+ testing and debugging as well as large-scale SWAT+ applications to the continental US. Since March 2021, she has been employed as a Tenure Track Researcher at Aarhus University in Denmark, where she is applying SWAT+ in the context of several projects funded by the European Commission, the Ministry of Foreign Affairs of Denmark, and NordForsk, an organization under the Nordic Council of Ministers.



COSTING

The costs are calculated:

Item	Units	SACNASP Rate	DSA Rate	Discount	Total
Operational Cost					R35 784.00
Preparation	16	R1 910.00	R1 200.00	37%	R19 200.00
Phase 1	8	R1 910.00	R1 200.00	37%	R9 600.00
Phase 2	32	R1 910.00	R1 200.00	37%	R38 400.00
Phase 3	32	R1 910.00	R1 200.00	37%	R38 400.00
Phase 4	40	R1 910.00	R1 200.00	37%	R48 000.00
					R189 384.00
VAT					R28 407.60
Total					R217 791.60

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	WD406	CLOSING DATE:	26/06/2023	CLOSING TIME:	
DESCRIPTION	SWAT+ TRAINING WITH A FOCUS ON WATER QUALITY MODELLING				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
ZWAMADAKA BUILDING ENTRANCE					
157 SCHOEMAN STREET					
PRETORIA					
0002					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON		CONTACT PERSON			
TELEPHONE NUMBER		TELEPHONE NUMBER			
FACSIMILE NUMBER		FACSIMILE NUMBER			
E-MAIL ADDRESS		E-MAIL ADDRESS			
SUPPLIER INFORMATION					
NAME OF BIDDER	Digital Soils Africa				
POSTAL ADDRESS	1 KEMSLEY STREET GQEBERHA 6001				
STREET ADDRESS	1 KEMSLEY STREET GQEBERHA 6001				
TELEPHONE NUMBER	CODE		NUMBER	067 622 5687	
CELLPHONE NUMBER	0825028844				
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS	admin@dsafrica.co.za				
VAT REGISTRATION NUMBER	4340287384				
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:	26383C12DB	OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] ☒ Yes ☐ No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☒ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER PART B:3]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			☐ YES ☐ NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			☐ YES ☐ NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

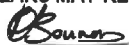
- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS 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:



MANAGING DIRECTOR

CAPACITY UNDER WHICH THIS BID IS SIGNED:

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

DATE:

26/06/2023

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

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

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

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

.....

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

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

2.3.1 If so, furnish particulars:

Name of company related to	CSD Registration number of the company related to

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

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

- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

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

	26/06/2023
Signature	Date
MANAGING DIRECTOR	DARREN BOUWER (DIGITAL SOILS AFRICA)
Position	Name of bidder

SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE - GENERAL

I, the undersigned,

Full name & Surname	Darren Bouwer
Identity number	870915 5039 08 2

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Director of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	Digital Soils Africa (Pty) Ltd
Trading Name (If Applicable):	Digital Soils Africa (Pty) Ltd
Registration Number:	2012/111217/07
Enterprise Physical Address:	1 Kemsley Street Richmond Hill Port Elizabeth
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	(Pty) Ltd
Nature of Business:	Soil studies and related activities
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalization- i. Before 27 April 1994; or ii. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;
Definition of "Black Designated Groups"	"Black Designated Groups" means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualify to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"

3. I hereby declare under Oath that:

- The Enterprise is 0% Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013;
- The Enterprise is 0% Black Woman Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013;
- The Enterprise is 0% Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013;
- Black Designated Group Owned % breakdown as per the definition stated above:
 - Black Youth % = 0%
 - Black Disabled % = 0%
 - Black Unemployed % = 0%
 - Black People living in rural areas % = 0%
 - Black Military Veterans % = 0%
- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of 31 May 2022 the annual Total Revenue was R10,000,000.00 (Ten Million Rands) or less.
- Please confirm in the below table the B-BBEE Level Contributor, by ticking the applicable box.

100% Black Owned	Level One (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	Level Two (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	Level Four (100% B-BBEE procurement recognition level)	✓

4. I know and understand the contents of this affidavit and I have no objection to taking the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.


SIGNATURE
17/11/2022
DATE
JUSTIN JOSHUA AGA(SA)
COMMISSIONER OF OATHS (RSA)
SAICA NUMBER: 20045095
BEL-ESSEX MANAGEMENT SERVICES (PTY) LTD

Deponent Signature: 
Date: 17/11/2022

Commissioner of Oaths
Signature and Stamp



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

SPECIFICATION FOR: SWAT+ Training with a focus on Water Quality Modelling

IMAGE	DESCRIPTION	QUANTITY
	SWAT+ Training with a focus on Water Quality Modelling. The following is the scope of training: • Introduction to SWAT+ Model • Model configuration and QSWAT and Setup in SWAT+ Editor • Own Input data pre-processing, hydro, and sediment parameterisation. • Decision tables for Reservoir operations • Overview of available calibration tools and their application. • Water quality parameterisation (calibration) and Modelling • Model results post-processing and presentation • Model operational support and debugging <i>Training in-person (virtual as option for some sessions) (venue provided by DWS – Roodeplaats Training centre)</i>	Maximum of five days (40 hrs)

End User Initials & Surname: D BOUWER

Signature: 



South African Revenue Service

TAX COMPLIANCE STATUS

PIN Issued

DIGITAL SOILS AFRICA
PO BOX 908
PINEGOWRIE
2123

Enquiries should be addressed to SARS:

Contact Details

SARS
Alberton
1528

Contact Centre Tel: 0800 00 7277
SARS website: www.sars.gov.za

Details

Taxpayer Reference Number: 9304281190

Always quote this reference
number when contacting SARS

Issue Date: 2023/06/20

Dear Taxpayer

TAX COMPLIANCE STATUS PIN ISSUED

The South African Revenue Service (SARS) has issued your tax compliance status (TCS) PIN as indicated below:

TCS Details:	
Taxpayer Name	Digital Soils Africa (Pty) Ltd
Trading Name	DIGITAL SOILS AFRICA
Taxpayer Reference Number(s)	IT - 9304281190 Vat - 4340287384 PAYE - 7200792259
Purpose of Request	Good Standing
Request Reference Number	0037959211GS2006231008003
PIN	26383C12DB
PIN Expiry Date	20/06/2024

You may authorise a third party to view your TCS by providing them the PIN. The PIN only allows the third party access to your TCS. All your other tax information remains secure.

Your TCS displayed is based on your compliance as at the date and time the PIN is used.

You may cancel this PIN at any time before the expiry date reflected above. Once cancelled, a third party will not be able to verify your TCS.

SARS reserves the right to cancel the TCS application and associated PIN in the event that it was issued in error or provided on the basis of fraud, misrepresentation or non-disclosure of material facts.

More details regarding our channels, office hours, services, tailored information regarding tax as well as a comprehensive FAQ repository are available on the SARS website: www.sars.gov.za.

We value your support and contribution to our country's economy and prosperity. We strive to ensure that you clearly understand what is expected from you, as well as what your rights as a taxpayer are.

Sincerely

ISSUED ON BEHALF OF THE COMMISSIONER FOR THE SOUTH AFRICAN REVENUE SERVICE



Name: DIGITAL SOILS AFRICA
Tax reference No: 9304281190
Form ID: TCR00
Content Version: v2022.03.00
Timestamp: 14724888
Year: 2023
Page of Page: 01/01
Template version: v2022.00.01

ANNEXURE B

Digital Soils Africa Service Provider status

Digital Soils Africa is a consulting company which provides training in Soil science and hydrological modelling, particularly specializing in SWAT+ with water quality training courses. The well-known SWAT model has undergone major modifications over the past decade, resulting in SWAT+, a completely restructured version of the model. Therefore, experience with the SWAT+ is very limited.

The directors have used and published extensively using the SWAT+ model. Further, Digital Soils Africa partner with the some of the developers of the SWAT+ to provide world class training. Including the presenters with experience in development of the model will be essential to achieving the objective of giving the Department of Water and Sanitation the skills and support needed to accomplish the task of modelling the Vaal River system.

This letter serves to confirm that Digital Soils Africa, in partnership with Katrien Bieger, is the sole provider of the training of the SWAT+ model with water quality in South Africa.

Regards

Darren Bouwer
Director (PhD Soil Science)
Digital Soils Africa

 [0837033002](tel:0837033002)
 www.dsafrica.co.za

ANNEXURE C

BAS
NAT: WATER AND SANITATION
EXPENDITURE CONTROL (COMMITMENTS)
FOR FINANCIAL YEAR UP TO 29/05/2023

MNGUNIZ
RF0203BS

TYPE LEVEL	DESCRIPTION	EXPENSES	COMMITMENTS	BUDGET	AVAILABLE BUDGET
I 005	REGISTRATION FEES	0.00	0.00	118,000.00	118,000.00
I 005	TRAVEL AGENCY FEES	425.00	0.00	12,000.00	11,575.00
I 005	MANAGEMENT/ HANDLING FEES	0.00	0.00	6,000.00	6,000.00
TOTAL	ADMINISTRATIVE FEES: PAYMENTS-----	425.00	0.00	136,000.00	135,575.00
I 004	MINOR ASSETS				
I 006	EQP<R5000:BAGS	0.00	0.00	55,000.00	55,000.00
I 006	EQP<R5000:KITCHEN APPLIANCES	0.00	0.00	7,000.00	7,000.00
I 007	C/EQP<R5000:COM PERIPHERALS	0.00	0.00	21,000.00	21,000.00
I 007	F&O/EQP<R5000:OFFICE EQUIPMENT	0.00	0.00	60,000.00	60,000.00
I 007	F&O/EQP<R5000:OFFICE FURNITURE	0.00	0.00	292,000.00	292,000.00
TOTAL	MINOR ASSETS-----	0.00	0.00	435,000.00	435,000.00
I 004	COMMUNICATION				
I 005	COM:AIRTIME & DATA	14,965.71	0.00	300,000.00	285,034.29
TOTAL	COMMUNICATION-----	14,965.71	0.00	300,000.00	285,034.29
I 004	CONSULT:BUSINESS&ADVISORY SERV				
I 005	CNS:BUS&ADV SER:RESEARCH&ADVISOR	0.00	1,860,553.80	6,800,000.00	4,939,446.20
TOTAL	CONSULT:BUSINESS&ADVISORY SERV-----	0.00	1,860,553.80	6,800,000.00	4,939,446.20
I 004	CONTRACTORS				
I 005	CONTRACTS:TRNSPRT/ RELCTN CONTR	0.00	0.00	8,000.00	8,000.00
I 005	CONTR:MNT&REP OTH MACHINRY&EQUIP	0.00	0.00	24,000.00	24,000.00
TOTAL	CONTRACTORS-----	0.00	0.00	32,000.00	32,000.00
I 004	ENTERTAINMENT				
I 005	ENTERTAIN MANAGEMENT	0.00	0.00	2,000.00	2,000.00
TOTAL	ENTERTAINMENT-----	0.00	0.00	2,000.00	2,000.00
I 004	CONS SUPPLIES				
I 006	CONS HOUS SUP:WASH/CLEAN DETE	0.00	0.00	2,000.00	2,000.00
I 005	CONS:IT CONSUMABLES	1,985.20	0.00	113,000.00	111,014.80
TOTAL	CONS SUPPLIES-----	1,985.20	0.00	115,000.00	113,014.80
I 004	CONS:STA,PRINT&OFF SUP				
I 005	CONS:SP&OS:STATIONERY	0.00	0.00	100,000.00	100,000.00
I 005	CONS:SP&OS:PRINT CARTRIDGE	0.00	0.00	40,000.00	40,000.00
I 005	CONS:SP&OS:PRINTING PAPER	0.00	0.00	12,000.00	12,000.00
TOTAL	CONS:STA,PRINT&OFF SUP-----	0.00	0.00	152,000.00	152,000.00
I 004	TRAVEL AND SUBSISTENCE				
I 006	T&S DOM:ACCOMMODATION	12,240.00	0.00	159,000.00	146,760.00
I 007	T&S DOM:SPECIAL DAILY ALLOWANCE	1,612.50	0.00	30,000.00	28,387.50
I 006	T&S DOM:FOOD&BEVER	60.00	0.00	10,000.00	9,940.00
I 006	T&S DOM:INCIDENTAL COST	1,988.00	0.00	5,000.00	3,012.00
I 007	T&S DOM:CAR RENTAL	0.00	0.00	55,000.00	55,000.00
I 007	T&S DOM:KM ALL(OWN TRANSPORT)	11,243.24	0.00	100,000.00	88,756.76
I 007	T&S DOM:AIR TRANSPORT	0.00	0.00	190,000.00	190,000.00
I 007	T&S DOM:ROAD TRANSPORT	0.00	0.00	10,000.00	10,000.00
I 006	T&S FORGN:ACCOMMODATION	0.00	0.00	250,000.00	250,000.00
I 006	T&S FORGN:DAILY ALLOWANCE	22,400.76	0.00	140,000.00	117,599.24
I 006	T&S FORGN:FOOD&BEVER	0.00	0.00	15,000.00	15,000.00

DATE: 29/05/2023
TIME: 12:53:56
PAGE: 4

BAS
NAT: WATER AND SANITATION
EXPENDITURE CONTROL (COMMITMENTS)
FOR FINANCIAL YEAR UP TO 29/05/2023

MNGUNIZ
RP0203BS

TYPE LEVEL	DESCRIPTION	EXPENSES	COMMITMENTS	BUDGET	AVAILABLE BUDGET
I 006	T&S FORGN:INCIDENTAL COST	468.00	0.00	25,000.00	24,532.00
I 007	T&S FORGN:AIR TRANSPORT	0.00	0.00	460,000.00	460,000.00
I 007	T&S FORGN:RAILWAY TRANSPORT	0.00	0.00	5,000.00	5,000.00
I 007	T&S FORGN:ROAD TRANSPORT	0.00	0.00	20,000.00	20,000.00
TOTAL	T&S FORGN:SUBSISTENCE-----	50,012.50	0.00	1,474,000.00	1,423,987.50
I 004	TRAVEL AND SUBSISTENCE-----				
I 004	TRAINING & DEVELOPMENT				
I 005	TRAIN & DEV:EMPLOYEES	0.00	0.00	282,000.00	282,000.00
I 004	TRAINING & DEVELOPMENT-----	0.00	0.00	282,000.00	282,000.00
I 004	OPERATING PAYMENTS				
I 005	O/P:COURIER & DELIVERY SERV	0.00	0.00	2,000.00	2,000.00
I 005	O/P:PRINTING&PUBLICATIONS SERV	2,432.62	39,940.89	158,000.00	115,626.49
I 005	O/P:RESETTLEMENT COST	0.00	0.00	35,000.00	35,000.00
I 005	O/P:STORAGE SERVICES	0.00	0.00	10,000.00	10,000.00
TOTAL	OPERATING PAYMENTS-----	2,432.62	39,940.89	205,000.00	162,626.49
I 004	GOODS AND SERVICES-----				
I 003	HOUSEHOLDS (HH)	69,821.03	1,900,494.69	9,933,000.00	7,962,684.28
I 004	H/H:EMPLOYEE SOCIAL BENEFITS				
I 006	H/H EMPL S/BEN: LEAVE GRATUITY	82,250.05	0.00	0.00	82,250.05-
TOTAL	H/H:EMPLOYEE SOCIAL BENEFITS-----	82,250.05	0.00	0.00	82,250.05-
I 003	HOUSEHOLDS (HH)-----				
I 003	MACHINERY AND EQUIPMENT				
I 004	OTHER MACHINERY & EQUIPMENT				
I 006	OFFICE EQUIPMENT	0.00	0.00	122,000.00	122,000.00
I 006	OFFICE FURNITURE	0.00	0.00	327,000.00	327,000.00
I 006	COMP HARD&SYSTEMS - DESKTOP	0.00	0.00	35,000.00	35,000.00
I 006	COMP HARD&SYSTEMS - LAPTOP	0.00	0.00	300,000.00	300,000.00
I 006	COMPUTER PERIPHERALS	0.00	0.00	34,000.00	34,000.00
I 005	FINANCE LEASES OTH MACH&EQUIP	4,082.44	587.80	36,000.00	31,329.76
TOTAL	OTHER MACHINERY & EQUIPMENT-----	4,082.44	587.80	854,000.00	849,329.76
I 004	MACHINERY AND EQUIPMENT-----	4,082.44	587.80	854,000.00	849,329.76
I 003	DWS:WATER RESOURCES INFO AND MAN	3,199,252.45	1,901,082.49	32,218,000.00	27,117,665.06
TOTAL	DWS:WATER RESOURCES INFO AND MAN-----	3,199,252.45	1,901,082.49	32,218,000.00	27,117,665.06
R 005	DIR:WATER INFO INTEGRATION-----	3,199,252.45	1,901,082.49	32,218,000.00	27,117,665.06
TOTAL	VOTED FUNDS-----	3,199,252.45	1,901,082.49	32,219,000.00	27,117,665.06

**** END OF REPORT RP0203BS ****

Market Analysis



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

MARKET ANALYSIS REPORT

PURPOSE

The aim of this exercise is to determine the number of suppliers available on the market to provide the listed services below.

The analysis is not taking into consideration the broadness of designated groups as per the Preferential Procurement Regulations 2022, but rather the broadness of the market for these requested services, to determine whether there is a sole provider with exclusive distribution rights or if there are other suppliers available in the market.

BACKGROUND

REQUEST FOR APPROVAL OF SOIL AND WATER ASSESSMENT TOOL (SWAT+) TRAINING TO THE STUDY TEAM FOR PROJECT: DEVELOPMENT AND IMPLEMENTATION OF WATER QUALITY MANAGEMENT ACTION PLAN FOR THE INTEGRATED VAAL RIVER SYSTEM BY A SOLE SUPPLIER: DIGITAL SOILS AFRICA.

The Department of Water and Sanitation ensures that the country's water resources are fit for equitable and sustainable use. Water resources of the IVRS are an essential asset to the country, supporting major economic activities and a population of over 16 million people. Water quality in the catchment is declining at an alarming rate; as a result, the Department has taken the initiative to develop and implement water quality management action plans in the catchment as an intervention.

This study has not been implemented to date due to lack of funding in the previous financial years. It was initially proposed that a Professional Service Provider will need to be appointed to conduct this study. However, given the urgency for intervention on the Integrated Vaal River System (IVRS) this study is now being conducted internally.

COMMODITY AND SUPPLIER ANALYSIS/ENGAGEMENT

An initiative was taken to conduct the study internally through the Sub-directorate Integrated Water Resource Studies (study team). It is for this reason that training for the study team for the SWAT+ model is critical to the project, and it is the only costly item, in contrast to if the study was conducted through a PSP.

MARKET ANALYSIS REPORT- REQUEST FOR APPROVAL OF SOIL AND WATER ASSESSMENT TOOL (SWAT+) TRAINING TO THE STUDY TEAM FOR PROJECT: DEVELOPMENT AND IMPLEMENTATION OF WATER QUALITY MANAGEMENT ACTION PLAN FOR THE INTEGRATED VAAL RIVER SYSTEM BY A SOLE SUPPLIER: DIGITAL SOILS AFRICA.

2023

The project's preparatory phase commenced in November 2022, and the initial deliverables, Inception, and Status Quo Analysis Reports have been completed. The project's next step in the next six months is to configure and set up a SWAT+ water quality model for the catchment. SWAT+ is the most recent and restructured model code which was selected for use, and the study team will require training to meet the deliverable – Hydrological and water quality model report.

The SWAT+ model was identified a more comprehensive modelling tool for application in the IVRS to assess and estimate the current and future impacts on water quality in the system. The Digital Soil Africa (DSA) has substantive experience using the SWAT+ model and is the only identified service provider who has conducted several SWAT+ trainings in the country in collaboration with model developers and instructors involved in the SWAT+ model testing, application, and debugging.

Based on the internet research The Soil Water Assessment Tool (SWAT) is a "public domain or open source" model developed by Texas A&M University System personnel at the Texas AgriLife Research and Extension Center in Temple and supported by the U.S. Department of Agriculture's Agricultural Research Service at the Grassland, Soil and Water Research Laboratory in that city.

International SWAT Conference and Workshops are held yearly across the world with this year conference going to held on the 26-30 June 2023 at Aarhus University, Department of Ecoscience in Denmark.

Digital Soils Africa in partnership with Katrien Bieger who was part of the model development and testing team of the tool is the only identified Sole service provider who can conduct training of the new restructured SWAT+ model for purposes of water quality modelling

Business Requirement:

The project is conducted and coordinated internally through the Directorate: Water Information Integration under the Chief Directorate: National Water Resource Information Management, with the study team made up primarily of Scientist from the Sub Directorate Integrated Water Resource Studies.

Study team to be trained by DSA on SWAT+.

Name of Official	Directorate
Joshua Rasifudi	Head Office: Water Information Integration
Nokulunga Biyase	Head Office: Water Information Integration
Hulisani Mafenya	Head Office : Water Information Integration

MARKET ANALYSIS REPORT- REQUEST FOR APPROVAL OF SOIL AND WATER ASSESSMENT TOOL (SWAT+) TRAINING TO THE STUDY TEAM FOR PROJECT: DEVELOPMENT AND IMPLEMENTATION OF WATER QUALITY MANAGEMENT ACTION PLAN FOR THE INTEGRATED VAAL RIVER SYSTEM BY A SOLE SUPPLIER: DIGITAL SOILS AFRICA.

2023

Oudi Kgomongwe	Head Office : Water Information Integration
Judy Reddy	Head Office : Water Information Integration
Philani Ngubane	Gauteng Regional Office: Water Resources Support
Zimkhitha Kave	Gauteng Regional Office: Water Resources Support
Mbali Dlamini	Gauteng Regional Office: Water Resources Support
Ayanda Mtetwa	Head Office : Mine & Industrial Water Regulation

The department SCM Policy paragraph 16 provides for consideration of deviation through sole service provider where there is no market but given the circumstances, procurement is limited only to the identified supplier.

Digital Soils Africa is registered on the central supplier database and the status is fully tax compliant and the business is also still active for doing business with the state.

RECOMMENDATION

Based on this analysis, it can be concluded that Digital Soils Africa in partnership with Katrien Bieger is the only company that can provide training of the SWAT+ model.

It can be confirmed that on verification the recommended service provider, Digital Soils Africa is accordingly registered in the Central Supplier Database with registration Number (MAAA0327793). The company is also fully compliant and fully active as per the CSD status. (See report)

MARKET ANALYSIS REPORT- REQUEST FOR APPROVAL OF SOIL AND WATER ASSESSMENT TOOL (SWAT+) TRAINING TO THE STUDY TEAM FOR PROJECT: DEVELOPMENT AND IMPLEMENTATION OF WATER QUALITY MANAGEMENT ACTION PLAN FOR THE INTEGRATED VAAL RIVER SYSTEM BY A SOLE SUPPLIER: DIGITAL SOILS AFRICA.

2023

Compiler:



Assistant Director: Demand Management

22/06/2023

Recommendation Approved/~~not approved~~



Deputy Director: Demand Management

Date: 22/06/2023

CONFIDENTIAL



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

SPECIFICATION FOR: SWAT+ Training with a focus on Water Quality Modelling

IMAGE	DESCRIPTION	QUANTITY
	SWAT+ Training with a focus on Water Quality Modelling. The following is the scope of training: • Introduction to SWAT+ Model • Model configuration and QSWAT and Setup in SWAT+ Editor • Own Input data pre-processing, hydro, and sediment parameterisation. • Decision tables for Reservoir operations • Overview of available calibration tools and their application. • Water quality parametrisation (calibration) and Modelling • Model results post-processing and presentation • Model operational support and debugging <i>Training in-person (virtual as option for some sessions) (venue provided by DWS – Roodeplaat Training centre)</i>	Maximum of five days (40 hrs)

End User Initials & Surname: _____

Signature: _____



CSD REGISTRATION REPORT

SUPPLIER IDENTIFICATION

Supplier number	MAAA0327793	Have Bank Account	Yes
Is supplier active?	Yes	Total annual turnover	R10 million or less; or
Supplier type	CIPC Company	Financial year start date	01 Mar 2017 00:00:00:000
Supplier sub-type	Private Company (Pty)(Ltd)	Registration date	27 Jun 2012 00:00:00:000
Legal name	DIGITAL SOILS AFRICA	Created by	george@dsafrica.co.za
Trading name	Digital Soils Africa	Created date	12 Sep 2016 17:21:34:000
Identification type	South African Company/Close Corporation Registration Number	Edit by	george@dsafrica.co.za
Government breakdown	Private Companies (Pty) (Ltd)	Edit date	29 Jun 2023 04:11:50:220
Business status	In Business	Restricted Supplier	No
Country of origin	South Africa	Restricted Director	No
South African company/CC registration number	2012/111217/07	Government Employee	No

SUPPLIER INDUSTRY CLASSIFICATION INFORMATION

INDUSTRY CLASSIFICATION 1

Main group	Professional, scientific and technical activities	Core industry	Other professional, scientific and technical activities
Division	Activities of head offices, management consultancy activities	% share of annual turnover	10.00
Division	Other professional, scientific and technical activities	% share of annual turnover	60.00
Division	Scientific research and development	% share of annual turnover	30.00

SUPPLIER CONTACT INFORMATION

CONTACT 1

Contact type	Administration, Bid Office	Cellphone number	072 386 8632
Is this your preferred Contact?	Yes	Website address	www.dsafrica.co.za
Name(s)	George	Do you want this contact to also be a CSD user ?	Yes
Surname	van Zijl	Created by	george@dsafrica.co.za





CSD REGISTRATION REPORT

Identification type	South African Identification Number	Created date	12 Sep 2016 17:21:34:207
Prefer communication via email	Yes	Edit by	george@dsafrica.co.za
Email address	george@dsafrica.co.za	Edit date	01 Sep 2017 10:58:09:033

SUPPLIER ADDRESS INFORMATION

ADDRESS 1

Is this a preferred address?	Yes	Country	South Africa
Address line 1	1 Kemsley Street	This address S/A postal	Yes
Address line 2	Richmond Hill	This address S/A delivery	Yes
Suburb	Port Elizabeth Central	This address S/A payment	Yes
Province	Eastern Cape	Created by	george@dsafrica.co.za
Municipality	Nelson Mandela Bay	Created date	12 Sep 2016 16:56:41:000
City	Port Elizabeth	Edit by	george@dsafrica.co.za
Postal code	6001	Edit date	04 Feb 2021 09:58:24:857

SUPPLIER BANK ACCOUNT

BANK ACCOUNT 1

Account type	Current Accounts	Created by	george@dsafrica.co.za
Bank	FIRST NATIONAL BANK	Created date	10 Jan 2017 17:53:11:000
Branch number	230534	Edit by	csd.safetynetbatch@treasury.gov.za
Branch name	BRANDWAG OFS 507	Edit date	12 Jan 2017 08:11:07:503
Account number	62509131653	Bank Verification Status	Verification Succeeded
Account holder	DIGITAL SOILS AFRICA PTY LTD	Foreign Bank Account	No
Is this a preferred account?	Yes	Is the identifier linked at the bank	Yes
Active start date	12 Sep 2016 17:00:42:000	Is this a Shared Funding Account	No





CSD REGISTRATION REPORT

TAX INFORMATION

Income tax number	9304281190	Would you like to receive notifications?	Yes
VAT number	4340287384	Overall Tax Status	Tax Compliant
Is this supplier a VAT vendor?	Yes	Created by	george@dsafrica.co.za
PAYE number	7200792259	Created date	12 Sep 2016 17:21:34:000
Are you Registered with SARS?	Yes	Edit by	csd.reverifybatch@treasury.gov.za
Last validation date	19 Jul 2023 10:32:00:000	Edit date	29 Jun 2023 04:11:50:000

B-BBEE INFORMATION

Are you an empowering supplier	Yes	B-BBEE Procurement Recognition	100%
% Owned by black people	0.00	Accept and understand the content of the affidavit	Yes
% Owned by black people who are women	0.00	Commissioner of Oath	Justin Joshua
% Owned by black people who are youth	0.00	Date affidavit signed by commissioner of oath	17 Nov 2022 00:00:00:000
% Owned by black people with disabilities	0.00	Affidavit expiry date	16 Nov 2023 00:00:00:000
% Owned by black who are unemployed	0.00	Created by	george@dsafrica.co.za
% Owned by black people who are military veteran	0.00	Created date	12 Sep 2016 17:21:34:690
% Owned by black people living in rural or underdeveloped areas	0.00	Edit by	george@dsafrica.co.za
Status	Active	Edit date	22 Nov 2022 08:55:18:317
B-BBEE Status Level Of Contributor	Level 4 Contributor	Verification Status	Manual Verification Required





CSD REGISTRATION REPORT

OWNERSHIP INFORMATION

Owner s name and surname Legal name	Owner s Identification number	RSA Citizen	Ethnic group	Gender	Ownership %	Youth	Disabled	Military	Rural	Township
PIETER ANDRIES LOUIS LE ROUX	5109035132087	Yes	White	Male	25.00%	No	No	No		
GEORGE MUNNIK VAN ZIJL	8404025089083	Yes	White	Male	25.00%	No	No	No		
DARREN BOUWER	8709155039082	Yes	White	Male	25.00%	Yes	No	No		Yes
JACOBUS JOHANNES VAN TOL	8407195080089	Yes	White	Male	25.00%	No	No	No		
Total					100.00%					

OUTCOMES AGAINST PREFERENTIAL PROCUREMENT CRITERIA BASED ON OWNERSHIP

Enterprise type

EME

B-BBEE status level of contributor

Level 4 Contributor

Owned by black people

0.00%

Owned by black people who are youth

0.00%

Owned by black people who are women

0.00%

Owned by black people with disabilities

0.00%

Owned by black people who are military veteran

0.00%

Owned by black people living in rural or underdeveloped areas

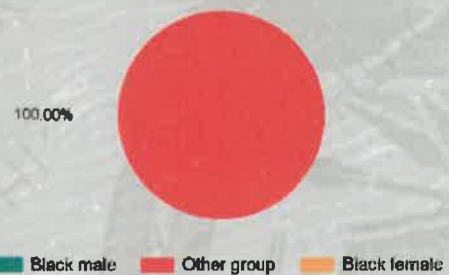
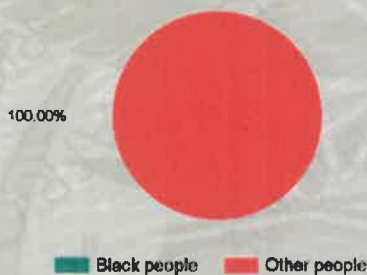
0.00%

Owned by black people living in townships

0.00%

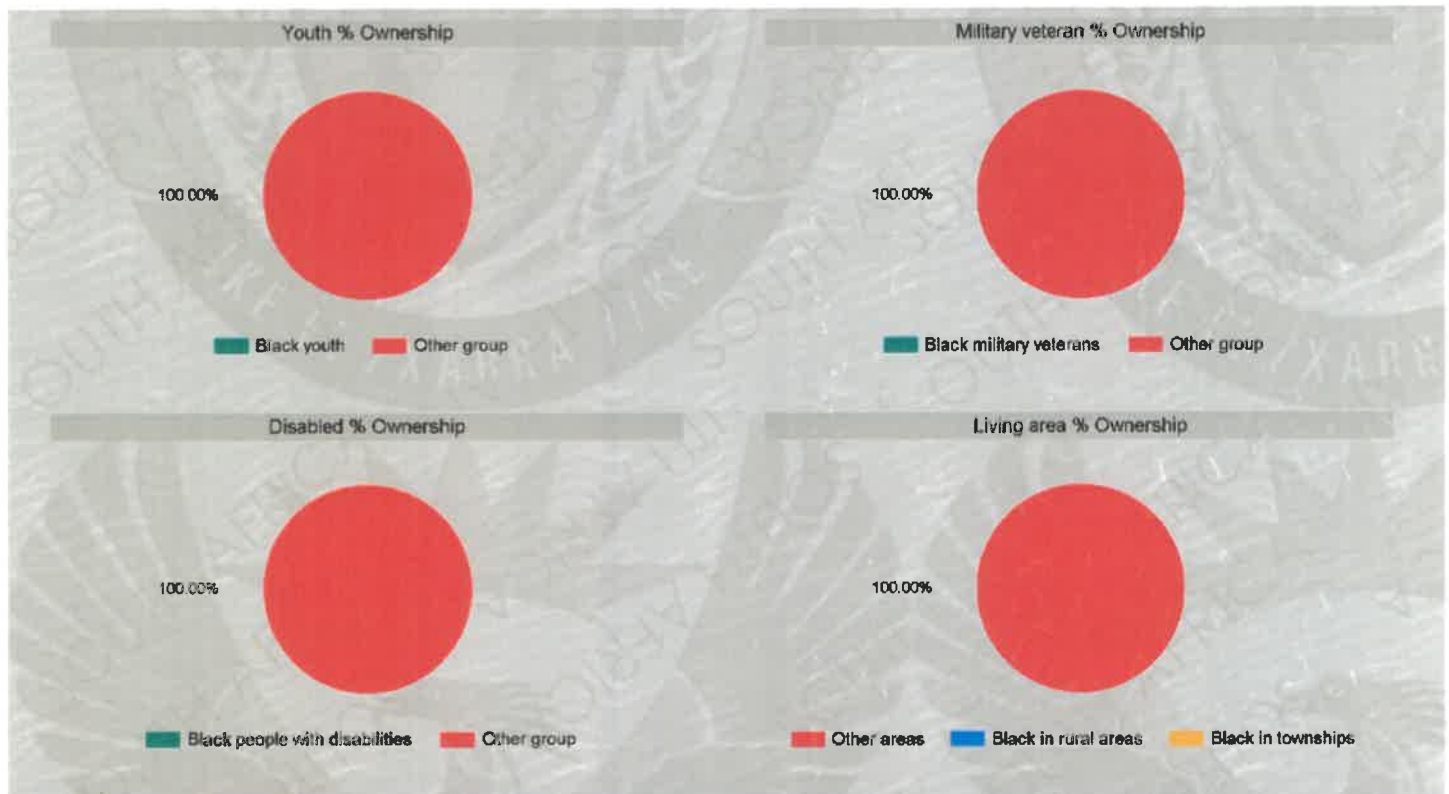
People % Ownership

Gender % Ownership





CSD REGISTRATION REPORT



DIRECTORS/MEMBERS/OWNERS INFORMATION

DIRECTOR/MEMBER 1

Director type	Director, Owner	Owner youth	No
Director status	Active	Owner person with disabilities	No
Name(s)	PIETER ANDRIES LOUIS	Owner military veteran	No
Surname	LE ROUX	Created by	csd.revenfybatch@treasury.gov.za
Country	South Africa	Created date	26 Jan 2018 02:06:13:000
Identification type	South African Identification Number	Edit by	george@dsafica.co.za
South African identification number	5109035132087	Edit date	22 Nov 2022 08:51:45:000
Appointment date	27 Jun 2012 00:00:00:000	Restricted Director	No
Email address	pieter@dsafica.co.za	Restriction Last Verification Date	19 Jul 2023 10:31:32:243
Cellphone number	082 883 9968	Government Employee	No
Owner	Yes	Government Employee Last Verification Date	19 Jul 2023 10:31:31:477





CSD REGISTRATION REPORT

Ownership %	25.00%	SA identification number Verified	Yes
Living areas of owner	Eden, Dana Bay SP	SA identification number verification date	19 Jul 2023 10:31:31:853
Owner's ethnic group	White	Date of death	24 Jul 2022
Owner's gender	Male	Companies involved in	MAAA0393114;

DIRECTOR/MEMBER 2

Director type	Director, Owner	Owner youth	No
Director status	Active	Owner person with disabilities	No
Name(s)	GEORGE MUNNIK	Owner military veteran	No
Surname	VAN ZIJL	Created by	csd.revenfybatch@treasury.gov.za
Country	South Africa	Created date	26 Jan 2018 02:06:14:000
Identification type	South African Identification Number	Edit by	george@dsafrica.co.za
South African identification number	8404025089083	Edit date	18 Jan 2019 12:41:30:000
Appointment date	27 Jun 2012 00:00:00:000	Restricted Director	No
Email address	george@dsafrica.co.za	Restriction Last Verification Date	19 Jul 2023 10:31:32:290
Cellphone number	072 386 8632	Government Employee	No
Owner	Yes	Government Employee Last Verification Date	19 Jul 2023 10:31:31:490
Ownership %	25.00%	SA identification number Verified	Yes
Living areas of owner	Mangaung, Langenhoven Park	SA identification number verification date	19 Jul 2023 10:31:32:103
Owner's ethnic group	White		
Owner's gender	Male		

DIRECTOR/MEMBER 3

Director type	Director, Owner	Owner's gender	Male
Director status	Active	Owner youth	Yes
Name(s)	DARREN	Owner person with disabilities	No
Surname	BOUWER	Owner military veteran	No
Country	South Africa	Created by	csd.revenfybatch@treasury.gov.za
Identification type	South African Identification Number	Created date	26 Jan 2018 02:06:14:000
South African identification number	8709155039082	Edit by	george@dsafrica.co.za
Appointment date	27 Jun 2012 00:00:00:000	Edit date	18 Jan 2019 12:41:48:000





CSD REGISTRATION REPORT

Email address	darren@dsafrica.co.za	Restricted Director	No
Cellphone number	083 703 3002	Restriction Last Verification Date	19 Jul 2023 10:31:32:557
Owner	Yes	Government Employee	No
Ownership %	25.00%	Government Employee Last Verification Date	19 Jul 2023 10:31:31:507
Living areas of owner	Nelson Mandela Bay, Port Elizabeth Central	SA identification number Verified	Yes
Owner's ethnic group	White	SA identification number verification date	19 Jul 2023 10:31:32:133
		Companies involved in	MAAA0339734:

DIRECTOR/MEMBER 4

Director type	Director, Owner	Owner youth	No
Director status	Active	Owner person with disabilities	No
Name(s)	JACOBUS JOHANNES	Owner military veteran	No
Surname	VAN TOL	Created by	csd.reverifybatch@treasury.gov.za
Country	South Africa	Created date	26 Jan 2018 02:06:14:000
Identification type	South African Identification Number	Edit by	george@dsafrica.co.za
South African identification number	8407195080089	Edit date	18 Jan 2019 12:42:54:000
Appointment date	23 Jan 2018 00:00:00:000	Restricted Director	No
Email address	johan@dsafrica.co.za	Restriction Last Verification Date	19 Jul 2023 10:31:32:697
Cellphone number	083 387 6243	Government Employee	No
Owner	Yes	Government Employee Last Verification Date	19 Jul 2023 10:31:31:507
Ownership %	25.00%	SA identification number Verified	Yes
Owner's ethnic group	White	SA identification number verification date	19 Jul 2023 10:31:32:197
Owner's gender	Male	Companies involved in	MAAA0339734:

The CSD does not automatically verify foreign company registration number, international securities identification number, foreign identification numbers, foreign passport numbers, work permit numbers, foreign bank accounts, B-BBEE, demographic and accreditation information. Organs of State are required to manually verify this information with the applicable verification institutions as per their current policies and procedures.





CSD REGISTRATION REPORT

Tips and Frequently Asked Questions (FAQ)

Identifier

CSD cannot electronically verify the identity of a supplier other than a South African Individual / Sole Proprietor (through Home Affairs) or a company registered at the Companies and Intellectual Property Commission (CIPC). For this reason, a disclaimer is displayed for supply chain practitioners to obtain supporting documentation to verify the identity and legitimacy of a supplier in these cases.

Bank

For help on how to resolve bank failures click here: [I received an email stating the bank information I captured on the CSD was sent for bank account validation and could not be validated. The response received from the bank contains an error message.](#)

The various possible error messages received from the bank are highSemiBolded in red. Search for the applicable message and follow the detailed steps associated with that error message.

Tax

Tax Compliance Status

For help on how to deal with tax status differences between CSD and the tax clearance certificate click here: [What should a supplier do if the tax status on CSD differs from the tax clearance certificate?](#)

Tax Compliance Expiry Date

For help on how to deal with tax status differences between CSD and the tax clearance certificate click here: [How does CSD determine the tax compliance expiry date?](#)

CIPC

Should the director/member information reflected on the CIPC registration report differs to that reflected on CSD for help click here: [The active Directors/Members are not being populated on the CSD Directors/Members screen as they appear at CIPC, how can I rectify this?](#)

State Employee

For more information pertaining to government employment status click here: [Will there be verification done to identify if a supplier is a government employee?](#)

BBBEE

CSD does not automatically verify all certificate information with the various accreditation bodies. Organs of State are required, where not automatically verified by CSD, to manually verify this information with the applicable accreditation body as per current policies and procedures. Expired certificate information do not reflect on the report.

RESTRICTION

Restricted Supplier - A supplier is restricted by using the identification number of the entity e.g. CIPC registration -, trust -, Social Development non-profit -, South African ID -, Foreign company registration number or ID number. If there is more than one CSD Supplier profile registered on CSD with the same entity identification number, all those related supplier profiles will be restricted.

Restricted Director - A director/owner is an individual person and is restricted by using the South African ID or Foreign ID number. If a director belongs to different companies and has been restricted, the director will reflect as restricted in all companies where identification number is detected.

Restricted Suppliers & Directors are listed on CSD under Help - [Am I restricted?](#)





CSD REGISTRATION REPORT

Print Date: 7/19/2023 10:32:01 AM



Demand Plan



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Annexure 3

DEMAND PLANNING TEMPLATE (SCM 1)

(DMP 1.1 - CAPITAL ASSETS)

PART A: (CLIENT DETAILS)

Programme/Branch:	WATER RESOURCE MANAGEMENT	Programme Manager:	MOLOKO MATLALA	Signature:	
Chief Directorate:	NATIONAL WATER RESOURCE INFORMATION MANAGEMENT	Responsibility Manager:	ANDY SAMBO	Signature:	
Programme Number:	PROG 2	Budget Controller	DEVON AFRICA	Signature:	
Directorate:	WATER INFORMATION INTEGRATION	Demand Coordinator	CHUENE RELEABETSWE	Signature:	
Province:	HEAD OFFICE	Office #:	EMANZINI 314	Telephone:	012 336 8400
Period:	2023/24	Fax:		Email Address:	Chuenet@dws.gov.za

ASSETS

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Item Description	Resource Required												Lead Time/ Delivery Date				Method				Cost Estimate			METHOD OF PROCUREMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																	Barcode/ Asset Number for replacement		Reason for Acquisition/ Method		Quantity	Unit Cost	Total Cost																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Item Description	Resource Required												Acquisition				Cost Estimate			METHOD OF PROCUREMENT
	Lead Time/ Delivery Date												Replicas - must Year/No	Barcode/ Asset Number for replacement	Reason for Acquisition/ Justification	Quantity	Unit Cost	Total Cost		
	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q								
	A	M	J	J	A	S	O	N	D	J	P	A								
Transport Assets:																				
Boat																			0.00	
Vehicle																			0.00	
Trailer																			0.00	
Total																			0.00	0.00
Computer Software & Other Intangibles:																				
License (with lifespan of more than a year)/not renewals																			0.00	
Software (with lifespan of more than a year)/not renewals																			0.00	
																			0.00	
Total																			0.00	0.00
Buildings & other Fixed Structures																				
Accelerated Infrastructure Community Projects (ACIP)																			0.00	
Regional Bulk Infrastructure Grants (RBIG)																			0.00	
																			0.00	
Total																			0.00	0.00
Summary:																				

Item Description	Total Cost
Computer Hardware & Systems	371,000.00
Other Machinery & Equipment	42,000.00
Furniture & Fittings	441,000.00
Transport Assets	0.00
Computer Software and Other Intangibles	0.00
Buildings and other Fixed Structures	0.00
Total Cost	854,000.00

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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Annexure 2
DEMAND PLANNING TEMPLATE (SCA 1)

DMP 1.2 - MINOR ASSETS

PART A: (CLIENT DETAILS)

Programme/Branch:	WATER RESOURCE MANAGEMENT	Programme Manager:	MOLOKO MATLALA	Signature:	
Chief Directorate:	NATIONAL WATER RESOURCE INFORMATION MANAGEMENT	Responsibility Manager:	ANDY SAMBO	Signature:	
Programme Number:	PROG 2	Budget Controller	DEVON AFRICA	Signature:	
Directorate:	WATER INFORMATION INTEGRATION	Demand Coordinator	RELEABETSWE CHUENE	Signature:	
Province:	HEAD OFFICE	Office #:	EMANZINI 314	Telephone:	012 336 8400
Period:	2023/24	Fax:		Email Address:	ChueneR@dws.gov.za

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Item Description	Assurance Required												Method of Procurement		
	Lead Time/ Delivery Date												Merchandise		
	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	Barcode/ Asset Number for replacement	Reason for Acquisition/ Merchandise	Quantity
Wall bracket and fittings															
Poster															
Fan Pedestal/Desk															
Stapler remover for big stapler															
Total															296,500.00

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Item Description	Resource Required												Method of Procurement		
	Lead Time/ Delivery Date												Method of Procurement		
	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	Method of Procurement		
	A	M	J	J	A	S	O	N	D	J	F	M	Method of Procurement		

Transport Assets:															
Boat															0.00
Vehicle															0.00
Trailer															0.00
Total															0.00

Computer Software & Other Intangibles:															
Licenses (with lifespan of more than a year)/not															0.00
Software (with lifespan of more than a year)/not															0.00
Total															0.00

Buildings & other Fixed Structures															0.00
															0.00

Summary:

Item Description	Total Cost
Computer Hardware & Systems	21,000.00
Other Machinery & Equipment	117,500.00
Furniture & Fittings	296,500.00
Transport Assets	0.00
Computer Software and Other Intangibles	0.00
Buildings and other Fixed Structures	0.00
Total Cost	435,000.00

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Annexure 3

DEMAND PLANNING TEMPLATE (SCM 1)

(DMP 1.3 – GOODS & SERVICES)

PART A: (CLIENT DETAILS)

Programme/Branch:	WATER RESOURCE MANAGEMENT	Programme Manager:	MOLOKO MATLALA	Signature:	
Chief Directorate:	NATIONAL WATER RESOURCE INFORMATION MANAGEMENT	Responsibility Manager:	ANDY SAMBO	Signature:	
Programme Number:	PROG 2	Budget Controller	DEVON AFRICA	Signature:	
Directorate:	WATER INFORMATION INTEGRATION	Demand Coordinator	RELEABETSWE CHUENE	Signature:	
Province:	HEAD OFFICE	Office #:	EMANZINI 314	Telephone:	012 336 8400
Period:	2023/24	Fax:		Email Address:	Chuaner@dws.gov.za

PART B: (RESOURCE & COSTS DETAILS)

Goods & Services

Resource Required		Lead Time/ Delivery Date												Motivation		Cost Estimate			METHOD OF PROCUREMENT
		1st Q2nd Q3rd Q4th Q														Quantity	Unit Cost	Total Cost	
		1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q						
Item Description		A	M	J	J	A	S	O	N	D	J	F	A						
Goods & Services																			
Administrative fees		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	3,000.00	36,000.00		Transversal contract	
Advertising																			
Audit cost: External																			
Bursaries (employees)																			
Catering: Departmental activities																			
Communication		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	25,000.00	300,000.00		Term Contract	
Computer services (MIX and Encase licenses)																			
Contractors		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4	8,000.00	32,000.00		Quotations	
Entertainment														4	500.00	2,000.00			
Fleet Services																			
Food and food supplies																			
Fuel, oil and gas																			
Learner and teacher support material																			
Materials and supplies																			
Medical supplies																			
Computer consumables																			
Stationery		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	64	2,375.00	152,000.00		Quotations	
Printing and publication		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	40	5,075.00	203,000.00		Term Contract	
Transport provided: Departmental activity																			
Training and staff development		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	25,875.00	362,000.00		Quotations	
Venues and facilities																			
Travel and Accommodation		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	80	18,425.00	1,474,000.00		Term Contract	
Groceries																			

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Annexure 4 DEMAND PLANNING TEMPLATE(SCM 1)

(DMP 1.4 SUMMARY)

Summary

PART A: (CLIENT DETAILS)

Programme/Branch:	WATER RESOURCE MANAGEMENT	Programme Manager:	MOLOKO MATLALA	Signature:	
Chief Directorate:	NATIONAL WATER RESOURCE INFORMATION MANAGEMENT	Responsibility Manager:	ANDY SAMBO	Signature:	
Programme Number:	2	Budget Controller:	DEVON AFRICA	Signature:	
Directorate:	WATER INFORMATION INTEGRATION	Demand Coordinator:	RELEBETSWE CHUENE	Signature:	
Province:	HEAD OFFICE	Office #:	EMANZINI 314	Telephone:	012 338 8400
Period:	2023/24	Fax:		Email Address:	ChueneR@dwaf.gov.za

Estimated Budget Summary:

<u>Assets</u>	Total Cost(Major)	Total Cost(Minor)
Computer Hardware & Systems	371,000.00	21,000.00
Other Machinery & Equipment	42,000.00	117,900.00
Furniture & Fittings	441,000.00	296,500.00
Transport Assets	0.00	0.00
Computer Software & Other Intangibles	0.00	0.00
Buildings and other Fixed Structures	0.00	0.00
Total Assets	854,000.00	435,400.00

<u>Goods & Services</u>	Total Cost
Normal Services	2,698,000.00
Projects: Business & Advisory Services	6,800,000.00
Other	0.00
Total Services	9,498,000.00

Estimated Total Budget **10,787,000.00**

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REPUBLIC OF SOUTH AFRICA**

NEW PROJECT LIST 2023-2024

[illegible]

memorandum



Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

TOTAL

Rs. 800,000

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