



## REQUEST FOR PROPOSAL/QUOTE (RFP/Q)

<b>RFP/Q NUMBER</b>	<b>: VHOK2022/01</b>
<b>DESCRIPTION OF SERVICE</b>	<b>: Leachate Treatment at Vissershok Waste Management</b>
<b>RFP/Q SUBMISSION DETAILS</b>	<b>: Via e-mails / Website.</b>
<b>COMPULSORY TEAMS MEETING</b>	<b>: 24 January 2022 15:00 SAST</b>
<b>CLOSING DATE</b>	<b>: 22 February 2022</b>
<b>TIME</b>	<b>: 16H00 (Late applications will not be accepted)</b>
<b>E-MAIL</b>	<b>: <a href="mailto:kamogelo.mogotlane@enviroserv.co.za">kamogelo.mogotlane@enviroserv.co.za</a></b>
<b>WEBSITE</b>	<b>: <a href="http://www.enviroserv.TENDERS.co.za">www.enviroserv.TENDERS.co.za</a></b>

Company Name: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Representative Signature: \_\_\_\_\_

Date: \_\_\_\_\_



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## **SECTION 1**

### **1.1 ABBREVIATIONS**

- |    |       |   |   |
|----|-------|---|---|
| a. | RFP/Q | - | Request for Proposal or Quote                 |
| b. | BBEE  | - | Broad Based Black Economic Empowerment        |
| c. | EWM   | - | Vissershok Waste Management (Ltd)             |
| d. | CPA   | - | Consumer Protection Act 68 of 2008            |
| e. | OSHA  | - | Occupational Health and Safety Act 85 of 1993 |
| f. | SLA   | - | Service Level Agreement                       |
| g. | FML   | - | Full Maintenance Lease                        |

### **1.2 DEFINITIONS**

- a. "The Contract" means the agreement entered into between Vissershok and the awarded Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein. A contract will stem from this RFP/Q.
- b. "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- c. "The Goods" means all of the equipment, services, works and/or other materials, which the Supplier is required to supply to the Procuring entity under the Contract.
- d. "Vissershok" means the organization or procuring entity purchasing the goods under this Contract i.e VISSERSHOK WASTE MANAGEMENT (PTY) LIMITED.
- e. "The Supplier" means the individual or firm supplying the goods under this Contract.
- f. "Ex-Stock" means a product or service can supplied immediately without any delay manufacturing lead time.

### **1.3 SCOPE OF WORK**

#### **a. Purpose**

Vissershok invites suppliers to respond to the RFP/Q for Leachate Treatment at Vissershok Waste Management. This service will be awarded to one or more capable suppliers with the best price, best service and BEE accreditation i.e: highest percentage black ownership and black woman ownership. It is expected that the contract requirements will fluctuate according to business requirements.

Shortlisted bidders will be required to submit a SHEQ Questionnaire to be SHEQ evaluated.

Likely impacts are as follows:

- Organic growth of existing work
- Increase / decrease in contracts awarded
- Changes in Legislation



## Leachate Treatment for Vissershok Waste Management Facility



### Background Information

The Vissershok Waste Management Facility started operating in 1974 and from 1994 was jointly owned by EnviroServ and Wasteman/Averda. The licence for Vissershok WMF was reviewed by DFFE in 2018 and licence no 12/9/11/L190315104536/9/R was issued for a Class A landfill in June 2019. The licence allows for the treatment and disposal of waste and Vissershok WMF remains the only commercial landfill in the Western Cape Province that can accept type 0 and type 1 waste along with other hazardous and general waste streams.

To extend the sites life a property acquisition and height extension application was recently made. The waste management licence for the expanded footprint (12/9/11/L19111415044/N9) was issued in March 2020. This extended the life of the site

The current site consist of cells 1, 2, 3A, 3B, 3C (mono cell), 4A, 4B and the latest addition (cell 5A) that was commissioned in 2019. The older cells are highlighted in yellow on the diagram below and cell 5A in red. The approved expanded footprint now allows for the development of cells 5B, 7 and 8 (highlighted in green)

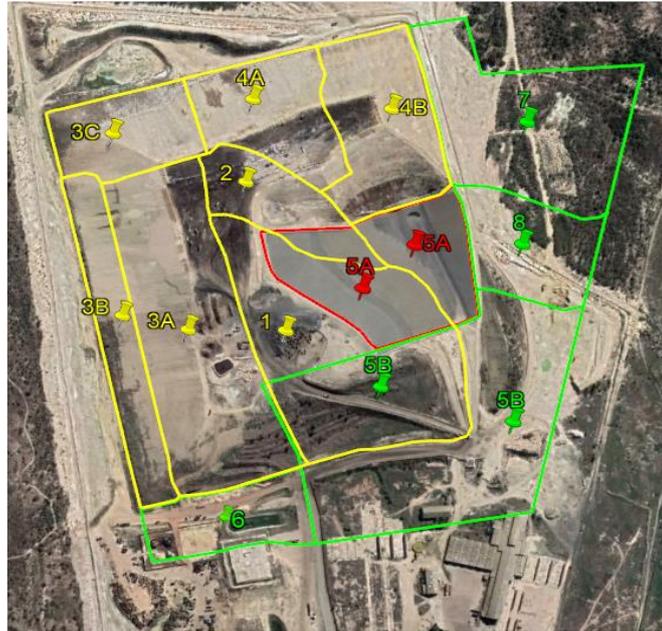


Figure 1: Site Layout

The construction of the latest cell, 5A was completed in Jan 2019.



Figure 2: Cell 5A

The Vissershok WMF is the only Hazardous Class A landfill site within the Western Cape region servicing Municipal and Industrial clients for both Hazardous, General Industrial and Municipal household waste.



## Project Description

EnviroServ wishes to perform test work on the Vissershok WMF leachate to identify suitable treatment technologies. The Vissershok WMF leachate can be described as a municipal waste leachate although the landfill does receive hazardous waste. The leachate is saline in nature with high COD.

EnviroServ would like to recovery as much permeate as possible that is financially feasible. The permeate may be discharged to sewer or river depending on the quality of the permeate achieved. The discharge standards are provided in Annexure G & H. The brine/concentrate may be disposed to the Vissershok WMF. Alternative options will also be accepted and evaluated.

Tenderers must describe the selected technology and provide a proposed plant flow diagram and expected mass balance.

EnviroServ will then utilise the information to make a technology selection. The tenderers should also provide a price to perform test work on the Vissershok leachate to prove the feasibility of the technology and to finalise the full plant capital cost and operating costs. It is assumed pilot test work would be required for approximately 3 months. If a shorter or longer period is required, state the proposed time period. Pilot testing can be performed on or off site. Rental of the pilot equipment is preferred but acquisition will be considered.



### Leachate Volume and Analysis

The leachate treatment plant must have a capacity of 300 m<sup>3</sup>/day. Currently there is 3x 200m<sup>3</sup> leachate tank storage on site.

The table below shows the typical leachate analysis for Vissershok. Historical leachate analysis is provided in Annexure I.

<b>Visserhok Leachate</b>		<b>Feed</b>
<b>Determinant</b>	<b>Units</b>	<b>Result</b>
* pH	N/A	7.86
* Conductivity	mS/m	3427
* COD	mg/L	6375
* TDS	mg/L	15910
* Nitrate, as N	mg/L	BDL
* Phosphate, as P	mg/L	7.3
* Alkalinity	mg/L	12107
* Chloride, Cl	mg/L	4836
* Fluoride, F	mg/L	BDL
* Sulphate, as SO <sub>4</sub>	mg/L	BDL
* Arsenic, As	mg/L	0.68
* Boron, B	mg/L	6.8
* Barium, Ba	mg/L	0.86
* Cadmium, Cd	mg/L	0.02
* Cobalt, Co	mg/L	0.06
* Total Chromium, Cr	mg/L	0.67
* Copper, Cu	mg/L	0.19
* Mercury, Hg	mg/L	BDL
* Manganese, Mn	mg/L	0.27
* Molybdenum, Mo	mg/L	BDL
* Nickel, Ni	mg/L	0.27
* Lead, Pb	mg/L	0.01
* Antimony, Sb	mg/L	0.02
* Selenium, Se	mg/L	0.24
* Vanadium, V	mg/L	0.18
* Zinc, Zn	mg/L	0.78
* Sodium, Na	mg/L	2585
* Calcium, Ca	mg/L	313
* Magnesium, Mg	mg/L	53
* Potassium, K	mg/L	685

Figure 3: Vissershok Leachate Analysis



## Objectives

1. Treat the leachate to either:  
**Option 1:** Sewer discharge standard  
**Option 2:** River discharge standard

Applicable standards are available in **Annexure G & H**

2. Minimise brine generation for both treatment options.
3. Minimise treatment cost per the following calculation:

### For Option 1

$$\{(DEP + [LF \times OPEX]) + (LP \times 120) + (LB \times 700)\} / LF = LR \text{ (R/m}^3\text{)}$$

### For Option 2

$$\{(DEP + [LF \times OPEX]) + (LP \times 10) + (LB \times 700)\} / LF = LR \text{ (R/m}^3\text{)}$$

## Where:

DEP- Capital Cost/120/30

LF – Leachate Feed volume of 300m<sup>3</sup>/day

OPEX- estimated operating cost of the Leachate Treatment Plant excluding depreciation and salaries

LP- Volume of Leachate Permeate from Leachate Treatment Plant requiring discharge

LB- Volume of Leachate Brine from Leachate Treatment Plant requiring disposal

LR- Total Leachate Treatment rate

## Requirements

1. Description of proposed technology
2. Proposed Process Flow diagram for option 1 and 2 and any alternatives
3. Modelled mass balance
4. Estimated footprint required for the plant
5. Estimated capital cost to 80% accuracy
6. Estimated operating cost to 80% accuracy (excluding depreciation and salaries)
7. Quote to perform pilot test work over a 3 month period
8. Complete template- Annexure C- Vissershok RFQ Leachate Treatment Template

## Assumptions

1. Adequate storage for leachate feed, permeate and brine/concentrate is provided. Therefore project boundary is from feed pipe to permeate and brine outlet pipes.
2. OPEX excludes depreciation and salaries
3. CAPEX is for the full treatment plant (exclude civil works)
4. Electricity cost R2 /kWhr



## 1.4 RFP PROCESS

The following timeline table outlines the milestones and their respective due dates:

Milestone	Date
Advertisement period of RFP	20 January 2022 – 24 February 2022
Compulsory Teams Meeting	24 January 2022 15:00 SAST
Response submitted by	25 February 2022
Adjudication	25 February 2022 – 31 March 2022

## 1.5 COMPULSORY TEAMS MEETING

A compulsory Teams meeting will be held on 24<sup>th</sup> January 2022 at 15:00 SAST.

Please email [terencem@enviroserv.co.za](mailto:terencem@enviroserv.co.za) to receive the Teams invite.

## 1.6 SUBMISSION REQUIREMENTS

All Suppliers shall include the following information and documentation with their offer and where copies are attached they are to be certified:

- a. Completed RFP/Q document
- b. Code of Good Practice – Suppliers (As attached in Annexure A)
- c. Supplier Questionnaire (As attached in Annexure B)
- d. Written Power of Attorney of the signatory of the offer to commit the Supplier
- e. Proof of business address
- f. Accredited BBBEE status documentation
- g. Tax clearance certificate
- h. Price Schedule (As attached in Annexure C)
- i. Terms and Conditions of Trade (As attached in Annexure E)
- j. Company Registration Documents
- k. Tender Submission Form (As attached in Annexure D)
- l. COID Letter of good standing



## 1.7 RULES AND REGULATIONS

- a. All documents relating to the offer will be in the English Language;
- b. The Supplier is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the RFP/Q documents or to submit an offer not substantially responsive to the RFP/Q documents in every respect will be at the Bidder's risk and may result in the rejection of its offer;
- c. The Bidder shall prepare one (1) original set of documents and clearly mark these as "ORIGINAL". **Not applicable if submission is done online.**
- d. **This ORIGINAL documentation shall be typed/written in indelible ink (black) and shall be signed by a person (or persons) duly authorised to sign on behalf of the Supplier. All pages of the tender where entries or amendments have been made shall be initialed by the person (or persons) signing it.**
- e. This ORIGINAL bid documentation shall be sealed in an envelope.**(If Applicable)**
- f. This sealed envelope will be addressed to Vissershok's address provided in this document with the Bidder's name and RFP/Q reference number reflected. The envelope must also be marked with a clear warning NOT TO OPEN before the specified date and time;**(If Applicable)**
- g. The tender shall contain no alterations or additions, except those who comply with instructions by Vissershok, or as necessary to correct errors by the bidder in which case such corrections shall be initialed by the person (or persons) signing the tender;
- h. Vissershok may extend the deadline of submission of offers by issuing an amendment in which case all rights and obligations of Vissershok and the bidders previously subject to the original deadline, will then be subject to the new deadline;
- i. NO LATE submissions will be accepted;
- j. Suppliers may modify or withdraw their submission by giving notice in writing before the deadline;
- k. Offers shall remain valid for 90 days or more after date of opening; Offers valid for a shorter period will be rejected and considered non responsive.
- l. No information shall be disclosed to Suppliers or any other persons prior to official adjudication process. Any effort by a bidder to influence Vissershok's process of bid-awarding decisions may result in the rejection of his bid;
- m. The Supplier shall bear all costs associated with the preparation and submission of its offer, and the procuring entity, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the RFP/Q process;
- n. Vissershok will determine the substantial responsiveness of each offer to the RFP/Q documents, substantially responsive tender is one, which conforms to all the terms and conditions of the RFP/Q documents without material deviations. There is no recourse should an offer be disqualified.



- o. Vissershok will determine to its satisfaction whether a Supplier is qualified to perform the work satisfactorily. The determination will take into account the Supplier's financial, technical, and contractual capabilities. It will be based upon an examination of the documentary evidence submitted.
- p. Vissershok reserves the right to accept or reject any offer, lowest quote or otherwise, and to annul the RFP/Q process and reject all offers at any time prior to contract award, without thereby incurring any liability to the affected Supplier on the grounds for the procuring entity's action. Vissershok reserves its right to annul the procurement process at any time.
- q. The bidder must reveal its national footprint in South Africa by naming each branch/depot in every province and/or other national representation agencies, etc.;
- r. Vissershok will notify the successful Supplier in writing that its offer has been accepted. The notification of award will signify the formation of the Contract but will have to wait until the contract is finally signed by both parties. Simultaneously other Suppliers shall be notified that their offers have not been successful.
- s. There is NO APPEAL process and Vissershok's decision will be final.
- t. This RFP/Q trading terms and conditions supercedes the Suppliers trading terms and conditions.

## **1.8 EQUIPMENT ORIGIN, SPECIFICATIONS AND DRAWINGS (IF APPLICABLE)**

- a. All equipment to be supplied and installed under the contract shall have their origin in eligible source countries.
- b. For purposes of this clause, "origin" means the place where the equipment(s) are produced. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.
- c. The origin of equipment is distinct from the nationality of the Supplier and shall be treated thus in the evaluation of the RFP/Q.
- d. Suppliers are requested to submit with their offers the detailed specifications, drawings, catalogues, etc for the products they intend to supply.
- e. Suppliers must indicate on the specifications sheets whether the equipment offered comply with each specific requirement.
- f. A clause-by-clause commentary on Vissershok's Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications and an explanation of how any such deviation from provided specifications will still satisfy the requirements as set.
- g. All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any, shall be explained in detail in writing with the offer, with supporting data such as calculation sheets, etc.



and an explanation whether the equipment can meet stated requirements even with such deviations. Vissershok reserves the right to reject the equipment, if such deviations shall be found critical to the use and operation of the equipment and hence making the equipment to not meet requirements.

## **1.9 GENERAL TERMS AND CONDITIONS OF CONTRACT**

### **a. Application**

These General Conditions shall apply in all Contracts made by Vissershok.

### **b. Standards**

The Goods supplied under this RFP/Q shall conform to the standards mentioned in the Technical Specifications as per Annexure.

### **c. Use of Documents and Information**

The Supplier shall not, without Vissershok's prior written consent, make use or distribute any document or information in this RFP/Q. All documents, other than the Supplier Questionnaire itself, shall remain the property of Vissershok.

### **d. Patent Rights**

The Supplier shall indemnify Vissershok against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or services supplied.

### **e. Inspection and Tests**

Vissershok or its representative shall have the right to inspect and/or to test the equipment to confirm their conformity to the technical specifications. Vissershok shall notify the Supplier in writing in a timely manner, of the identity of any representatives retained for these purposes. The inspections and tests may be conducted on the premises of the Supplier or even at Vissershok's premises.

Should any inspected or tested equipment fail to conform to the specifications, the Vissershok may reject the equipment, and the Supplier shall either replace the rejected equipment or make alterations necessary to make specification requirements free of costs to Vissershok. This rejection may happen any time before expiry of the warranty offered by the Supplier of the goods.

Vissershok's right to inspect, test and where necessary, reject the equipment after the equipment arrival and installation shall in no way be limited or waived by reason of the equipment having previously been inspected, tested and passed by Vissershok or its representative prior to or after the equipment delivery.

### **f. Delivery and Documents**

Delivery of the equipment, documents, installation and maintenance of the same shall be made by the Supplier in accordance with the terms specified by Vissershok.

Suppliers must ensure the shortest possible delivery period of the equipment. Delivery period will be an important evaluation criterion and the responsive firm offering shortest delivery period will gain an advantage.



**g. Pricing and Payment**

Prices quoted by the Supplier shall remain fixed during the Supplier's performance of the contract. An offer submitted with an adjustable price quotation will be treated as non-responsive and will be rejected unless otherwise agreed by the parties. Prices indicated on the Price Schedule shall be the cost of the goods and any incidental works/services including all duties, VAT and other taxes. Payment of goods and services will be 45 days from statement. Suppliers are encouraged to offer payment terms up to 60 days from statement.

**h. Termination for Default**

Vissershok may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, terminate the contract in whole or in part:

- if the Supplier fails to deliver any or all of the equipment within the period specified in the Contract, or within any extension thereof granted by Vissershok
- if the Supplier fails to perform any other obligation(s)
- if the Supplier, in the judgment of the Vissershok has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

**In the event that Vissershok terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, equipment, works and services similar to those undelivered, and the Supplier shall be liable for any excess costs for such similar equipment.**

**i. Termination for convenience**

Vissershok by way of written notice may terminate the contract in whole or in part, at any time for its convenience. The notice of termination shall specify that the termination is for the Vissershok convenience, the extent to which performance of the Supplier of the contract is terminated and the date on which such termination becomes effective. No compensation will be payable for termination of contract.

**j. Delivery terms**

Goods and services must be delivered or performed at Vissershok sites.. Vissershok prefers Suppliers to supply all regions. Vissershok may elect split the contract to satisfy its needs.(If Applicable)

**k. Commissioning**

Test runs and eventual equipment commissioning (if applicable) will be done by the Supplier and a commissioning certificate signed by both parties on agreement between the two parties that the equipment has performed to expectations

**l. Warranty**

A warranty declaration of at least 1 year must be included **(if applicable)**

**m. Technical support**

Suppliers must include the after sales service arrangement, including technical support services, availability of spare parts, etc.



n. **Agency**

The Supplier shall attach documentary proof of appointment as an agent of the original equipment manufacturer through the manufacturer's authorization form duly signed by the manufacturer and on manufacturer's letterhead. The Supplier shall also elect it's own agent however, they shall remain liable for all duties and obligations according the contract.

**1.10 GENERAL ENQUIRIES**

**ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:**

<b>DEPARTMENT</b>	<b>PROCUREMENT</b>
<b>DESIGNATION</b>	<b>CONTRACTS &amp;TENDERS ADMINISTRATOR</b>
<b>CONTACT PERSON</b>	<b>KAMOGELO MOGOTLANE</b>
<b>EMAIL</b>	<b>kamogelo.mogotlane@enviroserv.co.za</b>
<b>TELEPHONE</b>	<b>011 456 5400</b>

**1.11 TECHNICAL ENQUIRIES**

**ENQUIRIES REGARDING THE TECHNICAL REQUIREMENTS MAY BE DIRECTED TO:**

<b>DEPARTMENT</b>	<b>TECHNICAL</b>
<b>DESIGNATION</b>	<b>NATIONAL TECHNICAL MANAGER</b>
<b>CONTACT PERSON</b>	<b>TERENCE MALAN</b>
<b>EMAIL</b>	<b>terencem@enviroserv.co.za</b>
<b>TELEPHONE</b>	<b>011 456 5400</b>
<b>DEPARTMENT</b>	<b>VISSERSHOK</b>
<b>DESIGNATION</b>	<b>REGIONAL OPERATIONS MANAGER</b>
<b>CONTACT PERSON</b>	<b>MARK LYONS</b>
<b>EMAIL</b>	<b>Markl@vissershok.co.za</b>
<b>TELEPHONE</b>	<b>021 557 6160</b>



## **SECTION 2**

### **2.1. ELIGIBILITY OF SUPPLIERS**

- a. All eligible Suppliers are requested to sign the DECLARATION OF INTEREST and CODE OF CONDUCT attached in Annexure A stating any relationships with Vissershok employees, or members of consortiums, or joint ventures and/or sub-Suppliers, either in the past or currently. Should this Declaration be proven to be false, the Supplier's offer will be rejected.
- b. Suppliers shall not be under administration.
- c. Suppliers shall not be under a declaration of ineligibility for corruption and fraudulent practices.
- d. Vissershok's employees, committee members, board members and their relatives (spouse and children) are not eligible to participate in this RFP/Q.
- e. Suppliers must be in good standing with the South African Revenue Service.
- f. Suppliers must have a proven track record in the supply of the service on offer.
- g. Suppliers must have the ability to supply good and services on time and in full.
- h. A Suppliers poor service deliver record will adversely affect a Suppliers ability to be awarded this RFP/Q.

### **2.2. SUPPLIER DETAILS**

Company name \_\_\_\_\_

Physical Address \_\_\_\_\_

\_\_\_\_\_

Postal Address \_\_\_\_\_

\_\_\_\_\_

Landline Number \_\_\_\_\_

E-mail Address \_\_\_\_\_



**2.3. DECLARATION**

I.....confirm that the information given this ..... day of ..... 2022 is correct, accurate and I understand that any false information will lead to automatic disqualification without any further notice. I also understand that Vissershok Waste Management (Pty) Limited will confirm with my previous clients that my company has dealt with if need be. We also declare that we have not engaged in any fraudulent practice or offered inducement to any member of procuring entity for purpose of this RFP.

Authorized signature..... Date.....

Name of signatory.....



# ISSERSHOK WASTE MANAGEMENT FACILITY (PTY) LTD

ALWAYS AT YOUR DISPOSAL

Reg. No. 1994/010300/07

		Compiled by: Rakesh Seetal
		Approved by: Leadership
		Revisions:
NATIONAL PROCUREMENT		Date of approval:
POLICIES AND PROCEDURES		Page: 17 of 31
TITLE: CODE OF CONDUCT AND ACKNOWLEDGEMENT - SUPPLIERS		
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### **3.1.ANNEXURE A–CODE OF CONDUCT AND ACKNOWLEDGEMENT OF SUPPLIER**

#### **1. PURPOSE**

This code commits EnviroServ suppliers to maintain the highest standards of professional and personal conduct whilst conforming to the EnviroServ Values:

##### *Diversity*

We believe that our diversity is the key to our success. Our team boasts a mix of skill, style, gender, race and age – ensuring that we are able to deliver the best possible solution to our customers.

##### *Integrity*

Making promises that they can keep – always being honest, ethical and respectful – promoting solution driven actions. Uncompromising on environmental standards. Taking ownership and being accountable.

##### *Innovation*

Believe that all have good ideas – encourage and harness them. The responsibility to access and share great ideas lies with us all. Be passionate for improvement and love creativity, growth, vitality and momentum.

##### *Quality*

Everyone is responsible for delivering value. Service excellence is a given. We are uncompromising on standards and dissatisfied with the status quo. Continually raising standards. Being professional.

##### *Collaboration*

Working together to achieve shared goals, doing what it takes to succeed, never compromising the greater team. Creating positive energy and valuing diversity.

##### *Passion*

Willing to always go the extra mile to make things happen. Being proactive. Radiating positive energy in other. Looking for solutions and expressing opinions.

Suppliers shall commit to the following principles:

1. Comply with all applicable laws and regulations
2. Adhere to high ethical standards and respecting the rights and dignity of all persons dealt with
3. Not accepting illicit benefits nor extending such benefits to other persons
4. Be environmentally responsible
5. Not compete in any way with EnviroServ business and avoid conflict of interest to the detriment of EnviroServ
6. Keep EnviroServ's business, financial and technical data as well as internal business documents confidential and not misappropriate EnviroServ's or other company's tangible or intellectual property
7. Actively help EnviroServ in achieving compliance with this Code of Conduct



Adherence of this Code of Conduct will be monitored and violations properly sanctioned.

## **2. GENERAL GUIDELINES.**

These guidelines are an integral part of the Code of Conduct, and helps in understanding what the Code means in daily business practice. The Guidelines have been prepared taking into account differences in local laws and practices. They are not to be and cannot be exhaustive. Furthermore, applicable laws and regulations can change. These Guidelines are to be used as an important compass, keeping in mind that daily business judgments often require additional thorough analysis of their legal and ethical ramifications.

Questions regarding the Code of Conduct or these Guidelines or a situation which causes uncertainty about the implications of the Code or the Guidelines (e.g. because of conflicting requirements), should be addressed with a member of EnviroServ's management team.

## **3. PRINCIPLES**

### **PRINCIPLE 1:**

#### **Complying with all applicable laws and regulations**

Complying with the legal order is a fundamental principle of EnviroServ's business philosophy. It is also an important part of EnviroServ's risk policy. Laws are different from jurisdiction and may change over time. The commitment of the Group to stay within applicable laws and regulations, however, remains always the same. These Guidelines cannot specify nor even list all the laws that govern daily business. It is therefore each person's personal responsibility to be knowledgeable about the legal requirements and restrictions governing daily work.

Particular attention is paid to the following areas of law.

#### **Health and Safety**

The safety of services rendered by suppliers is usually dealt with in general or industry-specific regulations. In addition, civil and criminal laws set certain standards that have to be complied with.

#### **Competition law**

The following practices are prohibited:-

- agreements amongst competitors on costs or selling prices
- agreements amongst competitors on the allocations of market shares
- agreements amongst competitors on the allocation of territories and customers
- the orchestration among competitors of offers submitted to EnviroServ ("bid rigging")
- paying bribes, kickbacks or other benefits to employees

#### **Tax law**

Tax laws include income taxes, sales taxes, withholding taxes and deductions. They differ between jurisdictions. Tax laws do not only have to be complied with by persons directly dealing with taxes, they also have to be taken into consideration by suppliers. Over-invoicing or under-invoicing for goods or services may violate tax laws if they result in the avoidance of taxes.



## Other laws

Various other laws (e.g. corporate laws and security regulations, environmental, employment laws, including working place safety regulations, public laws etc.) govern EnviroServ's business. These must be complied with in personal spheres of activity.

### PRINCIPLE 2:

#### **Adhering to high ethical standards, Respecting the rights and dignity of all persons dealt with and by not accepting illicit benefits nor extending such benefits to other persons**

Respect of the rights and dignity of other persons, be they customers, fellow employees, suppliers, competitors or government officials is an absolute must. The high ethical standards maintained by EnviroServ furthermore requires that employees of the Group do not accept illicit benefits which might be offered to them by customers, suppliers or other persons. This does not mean that every customary present has to be refused. If the value of such a present is (as a rule of thumb) above R750, the gift should be declared to the superior. Likewise extending personal benefits to employees or other persons if such benefits are outside the usual business practices or if they violate applicable laws, is not allowed.

### PRINCIPLE 3:

#### **Being Environmentally Responsible**

As a minimum EnviroServ ensures compliance with applicable environmental legislation and in many cases, through the use of latest technologies and best practices, go beyond compliance. Our suppliers are encouraged to take a proactive stance in this regard and generate innovative solutions to environmental projects.

### PRINCIPLE 4:

#### **Not competing in any way with EnviroServ's business and avoiding conflicts of interest to the detriment of EnviroServ**

Suppliers have a fiduciary duty to their employer. This means, inter alia, a supplier is not allowed to actively engage in business directly competing with the EnviroServ Group.

If the supplier is engaged in potential conflicts of interest, these are required to be disclosed to EnviroServ's Head of Procurement.

### PRINCIPLE 5:

#### **Keeping business, financial and technical data as well as internal business documents confidential and not misappropriating the organization's intellectual property.**

Another aspect of the fiduciary duty that suppliers owe to EnviroServ is the obligation to keep all business, financial and technical data as well as internal business documents confidential. Such information may only be disclosed to persons outside the Group if and to the extent that this is required in the course of business transactions on behalf of EnviroServ or as required by the law. It is an obligation to safeguard EnviroServ's tangible and intellectual property. It is ethical also to respect the property of other companies, including the property of competitors (e.g. trademarks, software or other intellectual property protected by applicable laws).



**PRINCIPLE 6:**

**Actively help EnviroServ in achieving compliance with this Code of Conduct**

In addition to the requirement to abide by the Code of Conduct each of EnviroServ's suppliers is likewise expected to disclose violations of this Code. Management, in turn, will monitor adherence to the Code of Conduct and will investigate alleged violations. In such an investigation every supplier is required to fully disclose all pertinent facts known to him/her. Non-disclosure in such investigation as well as violations of the Code of Conduct (incl. the acquiescence in violations by subordinates) may result in being removed from the vendor list.

Suppliers who report potential Code of Conduct violations in good faith are protected against possible retaliation as follows:

- **Anonymous reporting violations**

In principle suppliers may report possible Code of Conduct violations anonymously by means of calling Tip-Offs Anonymous on 0800 00 11 24. EnviroServ however encourages suppliers to voluntarily indicate their name, allowing them to be contacted in order to verify the issue;

- **Non- discrimination**

Discriminatory actions (e.g. sanctions, suspension, threats, harassment) against these suppliers are in violation of the Code of Conduct and treated accordingly. Adequate measures shall be taken to avoid discriminatory actions against such known or perceived supplier who has reported a violation.



**EnviroServ Waste Management (Pty) Limited Code of Conduct Acknowledgement form**

I hereby acknowledge that I have received and reviewed a copy of the Code of Conduct and its guidelines. I further agree to abide by the spirit of the code and guidelines, particularly regarding my ongoing obligation and audit regarding such activities. I accept that violations of the Code and guidelines may lead to be removed from the vendor list.

**With regards to Principal 5 of the Code and Guidelines I confirm the following:**

I have currently no conflict of interest in my activities and will use my best efforts to prevent such conflicts from arising in the future.

If actual or potential conflicts of interest should arise, I will immediately inform EnviroServ and act in accordance with its instruction.

**With regard to Principle 6 of the Code and Guidelines I confirm the following:**

I agree to promptly submit written disclosure of all inventions, improvements, copyrights and trade secrets, whether or not patentable.

I agree that all such intellectual property within the existing or contemplated scope of business shall be the property of EnviroServ and I hereby assign the title to such intellectual property to EnviroServ.

COMPANY NAME : \_\_\_\_\_

NAME AND SURNAME : \_\_\_\_\_

SIGNATURE : \_\_\_\_\_

DATE : \_\_\_\_\_



### 3.2 ANNEXURE B – SUPPLIER QUESTIONNAIRE

<b>SUPPLIER NAME</b>			
<b>CONTACT PERSON</b>			
<b>CELLPHONE / LANDLINE</b>			
<b>RFP/Q DESCRIPTION</b>		<b>Leachate Treatment at Visseshok – VHOK2022/01</b>	
		<b>NB : please tick appropriate box</b>	
<b>Technical</b>			
Does your services meet Vissershok's specification?		Yes	No
<b>Price</b>			
Is your price fixed for the contract period?		Yes	No
Are your prices VAT exclusive?		Yes	No
<b>Payment</b>		<b>From Statement:</b>	
What payment terms do you offer? (Please tick)		30 Days	45 Days    60 Days
<b>General</b>			
Do you agree to the terms and condition of the RFP/Q?		Yes	No
Do you agree that this RFP/Q falls under the Consumer Protection Act?		Yes	No
Which business forum do you come from?			
Which community ward are you from?			
<b>Documentation</b>			
Have you submitted the following documents?			
• Completed RFP/Q document		Yes	No
• Code of Good Practice – Suppliers (As attached in Annexure A)		Yes	No
• Supplier Questionnaire (As attached in Annexure B)		Yes	No
• Written Power of Attorney of the signatory of the offer to commit the Supplier		Yes	No
• Proof of business address		Yes	No
• Accredited BBBEE status documentation		Yes	No
• Tax clearance certificate		Yes	No
• Price Schedule (As attached in Annexure C)		Yes	No
• Pictures, technical specifications, performance and relevant data of goods and services supplied (if applicable)		Yes	No
• Terms and Conditions of Trade		Yes	No
• Company Registration Documents		Yes	No
• Certificate of attendance (if applicable)		Yes	No
• COID Letter of Good Standing		Yes	No
• Tender Submission Form (As attached in Annexure D)		Yes	No



### **3.3 ANNEXURE C – PRICING SCHEDULE VAT EXCLUSIVE**

As per the attached excel: [Leachate Analysis Master ML & Price Schedule.xls \(Sheet:Price Schedule\)](#)

Excel Price Schedule attached to be submitted with proposal.



## 3.4 ANNEXURE D – TENDER SUBMISSION FORM

# TENDER SUBMISSION FORM

DESCRIPTION OF SERVICE : LEACHATE TREATMENT FOR VISSERSHOK

TENDER NUMBER : VH001/2022

TENDER CLOSING DATE : 28 FEBRUARY 2022

<b>BIDDER INFORMATION</b>			
COMPANY NAME			
NAME OF REPRESENTATIVE			
DESIGNATION OF REPRESENTATIVE			
SIGNATURE			
DATE OF SUBMISSION			
METHOD OF SUBMISSION <small>(PLEASE TICK)</small>	E-MAIL	WEBSITE	HAND DELIVERY
RECEIVED BY (NAME & SURNAME)			
DATE RECEIVED			
SIGNATURE			
DESIGNATION			

RAISING THE WASTE GAME



Customer Care Line 0800 192 783 clientservices@enviroserv.co.za Tel +2711 456 5660 www.enviroserv.co.za

Registered Address EnviroServ Waste Management (Pty) Ltd Brickfield Road, Meadowdale, Germiston PO Box 1547, Bedfordview, 2008

Gauteng Regional Office +2711 456 5400 / +2787 086 8400 KwaZulu Natal Regional Office +2787 086 8401 Western Cape Regional Office +2787 086 8402 Eastern Cape Regional Office +2711 456 5497 / +2787 086 8403  
Directors C.L.A. Coppings, E. Gombault, S. Jwili, D.F.N. Krugel, D. Lavarinhas, D.L. Thompson (CEO), N.S. Vermeulen, C.L.A. Coppings (Company Secretary) Reg No 2008/021152/07



## 3.5. ANNEXURE E – TERMS AND CONDITIONS OF TRADE

### TERMS AND CONDITIONS OF TRADE

Between  
**VISSERSHOK WASTE MANAGEMENT FACILITY (PTY) LTD**  
(Reg. No: 1994/010300/07)  
("Vissershok")  
And

.....  
(The Supplier " )

Company registration no.: .....

VAT no: .....

Physical address:

Postal address:

.....  
.....  
.....

.....  
.....  
.....

Tel no: .....

Fax no: .....

Email: .....

#### 1. Payment

Payment to the Supplier shall be effected within **60 (Sixty) days** from date of statement being emailed to EnviroServ.

#### 2. Invoices

Invoices for services rendered/good supplied shall reflect the correct order number(s) and VAT number of the Supplier and EnviroServ; invoices shall be signed off by the authorised representative of the Supplier and shall be approved and signed off by a duly authorised representative of EnviroServ and to be valid for payment to be effected thereon. Invoices are to be emailed to librariangauteng@enviroserv.co.za.

#### 3. Bank particulars

Confirmation of the Supplier's banking particulars shall be confirmed in writing by the Supplier's banker alternatively by producing a cancelled cheque of the Supplier's banking account.

#### 4. Discount

Early settlement discount will only be permitted if so agreed.

#### 5. Service delivery

The Supplier shall deliver goods/supply services at the designated address specified in the Purchase Order. The Supplier will advise EnviroServ timeously of early/delayed performance.

#### 6. Revoking of Purchase Order

EnviroServ reserves the right to revoke or cancel any Purchase Order by giving notice by electronic email to the Supplier.

#### 7. VAT Registration

The Supplier shall produce a copy of its VAT registration certificate to EnviroServ.

#### 8. Supplier's contractual terms

Contractual terms of the Supplier will only be of force and effect if presented to EnviroServ and accepted by it in writing.

Signed at.....on this.....day of ..... 2022.

.....  
Full name of signatory Signature

.....  
Position of signatory of the Supplier

Signed at.....on this.....day of .....2022

.....  
**Rakesh Seetal**

**Head of Procurement**





### **3.6. ANNEXURE F – EVALUATION CRITERIA**

Evaluation Criteria		Weighted Score
<b>OPERATIONAL EFFECTIVENESS (SERVICE DELIVERY)</b>		<b>70%</b>
1	Technical Solution / Service: <ul style="list-style-type: none"> <li>- Proposed technology suitability</li> <li>- Expected compliance with discharge standards</li> <li>- Expected water recovery</li> <li>- Ability to deliver required services</li> <li>- Expertise</li> <li>- Footprint</li> </ul>	<b>60%</b>
2	Administrative Compliance to Tender requirements <ul style="list-style-type: none"> <li>- All supporting documents have been submitted</li> <li>- Did not submit all the required documents but submitted these documents: Completed RFP Document, All Annexures, Valid BBEEE Certificate/Affidavit, Valid Tax Clearance, Company Document &amp; Company Profile</li> </ul>	<b>10%</b>
<b>FINANCIAL IMPACT (COST, FINANCE, WARRANTIES)</b>		<b>30%</b>
1	Pilot Trial cost  Expected future CAPEX and OPEX for full scale plant	<b>30%</b>
<b>ECONOMIC EMPOWERMENT (B-BBEE &amp; strategic partnership)</b>		
1	B-BBEE Level	Will be utilised as a differentiator if required.
2	% Black Ownership	
3	% Black Woman Ownership	



### **3.7. Annexure G: River Discharge Standards**

DEPARTMENT OF WATER AFFAIRS – GENERAL AND SPECIAL AUTHORISATION

Discharge limits and conditions set out in the National Water Act, Government Gazette No. 20526, 8 October 1999

Wastewater limit values applicable to discharge of wastewater into a water resource

SUBSTANCE/PARAMETER	GENERAL LIMIT	SPECIAL LIMIT
Faecal Coliforms (per 100 ml)	1 000	0
Chemical Oxygen Demand (mg/l)	75*	30*
pH	5,5-9,5	5,5-7,5
Ammonia (ionised and un-ionised) as Nitrogen (mg/l)	3	2
Nitrate/Nitrite as Nitrogen (mg/l)	15	1,5
Chlorine as Free Chlorine (mg/l)	0,25	0
Suspended Solids (mg/l)	25	10
Electrical Conductivity (mS/m)	70 mS/m above intake to a maximum of 150 mS/m	50 mS/m above background receiving water, to a maximum of 100 mS/m
Ortho-Phosphate as phosphorous (mg/l)	10	1 (median) and 2,5 (maximum)
Fluoride (mg/l)	1	1
Soap, oil or grease (mg/l)	2,5	0
Dissolved Arsenic (mg/l)	0,02	0,01
Dissolved Cadmium (mg/l)	0,005	0,001
Dissolved Chromium (VI) (mg/l)	0,05	0,02
Dissolved Copper (mg/l)	0,01	0,002
Dissolved Cyanide (mg/l)	0,02	0,01
Dissolved Iron (mg/l)	0,3	0,3
Dissolved Lead (mg/l)	0,01	0,006
Dissolved Manganese (mg/l)	0,1	0,1
Mercury and its compounds (mg/l)	0,005	0,001
Dissolved Selenium (mg/l)	0,02	0,02
Dissolved Zinc (mg/l)	0,1	0,04
Boron (mg/l)	1	0,5

- After removal of algae



### 3.8. Annexure H: CoCT Sewer Discharge Standards

#### SCHEDULE 1

Maximum limits of permitted discharges

Section A: General		Not less than	Not to exceed
1.	Temperature at point of entry	0 °C	40 °C
2.	Electrical conductivity at 25 °C		500 mS/m
3.	pH Value at 25 °C	5.5	12.0
4.	Chemical oxygen demand		5 000 mg/l

Section B: Chemical substances other than heavy metals – maximum concentrations		
1.	Settleable solids (60 minutes)	50 ml/l
2.	Suspended solids	1 000 mg/l
3.	Total dissolved solids at 105 °C	4 000 mg/l
4.	Chloride as Cl	1 500 mg/l
5.	Total sulphates as SO <sub>4</sub>	1 500 mg/l
6.	Total phosphates as P	25 mg/l
7.	Total cyanides as CN	20 mg/l
8.	Total sulphides as S	50 mg/l
9.	Phenol index	50 mg/l
10.	Total sugars and starches as glucose	1 500 mg/l
11.	Oils, greases, waxes and fat	400 mg/l
12.	Sodium as Na	1 000 mg/l



<b>Section C: Metals and inorganic content – maximum concentrations</b>		
<b>Group 1</b>		
1.	<b>Total iron as Fe</b>	50 mg/l
2.	<b>Total chromium as Cr</b>	10 mg/l
3.	<b>Total copper as Cu</b>	20 mg/l
4.	<b>Total zinc as Zn</b>	30 mg/l
<b>Total collective concentration of all metals in Group 1 shall not exceed 50 mg/l</b>		

<b>Section C: Metals and inorganic content – maximum concentrations</b>		
<b>Group 2</b>		
5.	<b>Total arsenic as A</b>	5 mg/l
6.	<b>Total boron as B</b>	5 mg/l
7.	<b>Total lead as Pb</b>	5 mg/l
8.	<b>Total selenium as Se</b>	5 mg/l
9.	<b>Total mercury as Hg</b>	5 mg/l
10.	<b>Total titanium as Ti</b>	5 mg/l
11.	<b>Total cadmium as Cd</b>	5 mg/l
12.	<b>Total nickel as Ni</b>	5 mg/l
<b>Total collective concentration of all metals and inorganic constituents in Group 2 shall not exceed 20 mg/l</b>		

#### **Section D: Prohibited radioactive materials**

Any radioactive wastes or isotopes of such nature or in such concentration as do not meet the requirements laid down by the Council for Nuclear Safety referred to in section 24 of the Nuclear Energy Act (Act 92 of 1982) as amended.



Frankdale Road, Vissershok, Milnerton, 7405 P.O. Box 60865, Flamingo Square, 7441 Tel: (021) 557 6160 Fax: (021) 557 7511

**ISSERSHOK WASTE MANAGEMENT FACILITY (PTY) LTD**

ALWAYS AT YOUR DISPOSAL

Reg. No. 1994/010300/07

## **Annexure I: HISTORICAL LEACHATE ANALYSIS**

See attached excel sheet: [Leachate Analysis Master ML & Price Schedule.xls](#)