

## SCOPE OF WORK /SPECIFICATIONS OF GOODS REQUIRED/ TERMS OF REFERENCE

### 1. Background

uMngeni-uThukela Water Laboratory is responsible for water quality monitoring. The role of the Laboratory includes receiving of water sample, their analysis and production of water quality results. Samples are collected by one of Water Quality division called Sampling Services and delivered into the Laboratory for different method analysis. One of the tests that are carried out in the Microbiology Laboratory require filtration of the samples using a manifold membrane filtration. This includes test such as the analysis of *V. cholerae*, *Salmonellae* and *Clostridium pefrigens*.

### 2. Description of goods/ services required

#### FILTRATION SYSTEM SPECIFICATIONS

<b>Components</b>	<ol style="list-style-type: none"><li>1. A 3 minimum to 6 maximum place manifold membrane filtration system</li><li>2. A waste collecting system</li><li>3. A vacuum pumping system</li><li>4. An automated membrane dispenser</li></ol>
<b>Components specifications</b>	<ol style="list-style-type: none"><li>1. Vacuum/Pressure Pump 230 V, 50/60 Hz, with Max vacuum: 813mbar, and Max flow rate: 31L/min</li><li>2. Pall Manifold - 3 to 6 Place Manifold Base, Manifold Valves, 1 End Cap, 1 Hose Barb Cap with a coupler. 47mm Magnetic Filter Funnel, filter funnel magnetic, 300ml capacity for 0.45 µm membrane filters.</li></ol>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• Elongated Tulip adapter</li><li>• 47 mm Magnetic filter funnels, 300 ml capacity</li></ul>
<b>Material construction</b>	<ul style="list-style-type: none"><li>• Piping, all Adapters, End Cap, Hose Barb Cap, and Coupling Device ( Stainless steel)</li><li>• Valve Assembly (Stainless steel)</li><li>• Valve Locking Collar and Knob</li><li>• Valve O-rings</li><li>• Adapter O-rings</li><li>• Tube O-rings</li><li>• Must be able to use both magnetic (autoclavable) filter funnels and dispensable funnels</li><li>• 47 mm Magnetic filter funnels, 300 ml capacity</li><li>• A system that can be disassembled</li></ul>
	<ul style="list-style-type: none"><li>• Provide a manufacture's catalogue for quoted item. The catalogue should include the membrane filtrations specifications.</li></ul>

### 3. Contract term

The contract will be a once off purchase.

### 4. Other information

- a) We estimate the quantity to be delivered is one (1).
- b) We require the goods to be delivered at uMngeni-uThukela Water, Head office, 310 Burger Street, Pietermaritzburg, 3201.
- c) Payment will be on successful delivery of milestones.

### 5. Mandatory documentation/requirements

- a) SBD 4 – Bidders disclosure

### 6. Pricing

- a) The bidder shall provide the price proposal as detailed in SBD 3.1
- b) The bidders's price must be fully inclusive, and each item must be clearly specified.
- c) All additional costs must be clearly specified and included in the total quotation price, (e.g. transport, labour, etc.).
- d) All prices must be VAT inclusive.
- e) The bidder is responsible for all the cost that they shall incur related to the preparation and submission of the quotation.

### 7. Evaluation Process

The RFQ will be evaluated using a two (02) stage evaluation approach:

#### 7.1 First stage: Mandatory/ Administrative Requirements

- 1. SBD 4 – Bidders disclosure

#### 7.2 Second Stage: Functionality – Not Applicable

#### 7.3 Third Stage: Price and Preference goals

- 1. Subsequent to the evaluation of mandatory/ administrative requirements, the second stage of evaluation of the bids will be in respect of price and preferential procurement only.
- 2. Tenderer is tax compliant
- 3. In compliance with the Preferential Procurement Regulations 2022, the 80/20 preference point system is applicable: points for this bid shall be awarded for:
  - a) Price; and (80) and Preference as defined in SBD 6.1 (20)
- 4. The Preference Goals that have been identified for this bid is stipulated in SBD 6.1
- 5. Preferential goals and applicable points for this tender in terms of Preferential Procurement Regulations 2022, are indicated in the table below:

	Description	80/20	Evidence to be provided
RDP	The promotion of South African owned enterprises.	20	CSD Report or CIPC
Total points for preferential goals		20	

6. Failure on the part of a bidder to submit proof or documentation required in terms of this RFQ to claim points for specific goals, will be interpreted to mean that preference points for specific goals are not claimed by the bidder.
7. UW reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by UW.
8. UW reserves the right to conduct negotiations with the qualifying bidder/s regarding any terms and conditions, including price(s), of a proposed contract where applicable. UW reserves the right not to accept the lowest financial offer or any offer.

