



The Knysna Municipality is inviting quotations from suitable service providers for the services described below.

Category: Supply and delivery of Laboratory instruments

<b>ADVERTISEMENT DATE:</b>	<b>13 March 2017</b>
<b>QUOTATION NUMBER:</b>	<b>C207/2016/17</b>
<b>DESCRIPTION OF GOODS/SERVICES:</b>	<b>SUPPLY AND DELIVERY OF LABORATORY INSTRUMENTS</b>
<b>QUOTATION DOCUMENTS ARE OBTAINABLE FROM:</b>	Company : Knysna Municipality Contact Person : Vuyolwethu Nobatana Email : <a href="mailto:vnobatana@knysna.gov.za">vnobatana@knysna.gov.za</a> Tell : 044 3026438
<b>CLOSING DATE: TIME:</b>	<b>Wednesday, 15 March 2017 12h00</b>
<b>SUBMISSIONS:</b>	Sealed quotations clearly marked, <b>“Supply and delivery of Laboratory reagents and equipment ”</b> , can be submitted: By hand to: Scm Dept-Knysna Municipality By email to: <a href="mailto:vnobatana@knysna.gov.za">vnobatana@knysna.gov.za</a>  Contact person: Vuyolwethu Nobatana Electronic bid documents must reach SCM office before the closing time
<b>COMPULSORY REQUIREMENTS:</b>	None
<b>TECHNICAL ENQUIRIES:</b>	Company : Knysna Municipality Contact Person : Anita Ketile Email : <a href="mailto:aketile@knysna.gov.za">aketile@knysna.gov.za</a> Tell : 044 302 6416

**The following conditions will apply:**

- Price(s) quoted must be valid for at least thirty (30) days from date of your offer.
- Price(s) quoted must be firm and must be inclusive of VAT when applicable.
- Price must include all related expenses, i.e. transport, accommodation etc.
- Bidders must insist on an official order number.
- Only an official order will bind the Council.

**JB DOUGLAS**  
ACTING MUNICIPAL MANAGER

**CLYDE STREET | KNYSNA**  
*“WHERE PEOPLE AND NATURE PROSPER”*

*The Knysna Municipality is implementing an online purchasing management system. This system allows vendors to register online, receive automated alerts via e-mail and will eventually allow vendors to submit bids electronically. All opportunities >R30 000 (RFQ's and Tenders) are processed through our online system. To register go to [www.knysna.gov.za](http://www.knysna.gov.za) – Council adverts – Supply Chain Management – SCM e-mail list – complete info and click on submit form. Enquiries may be directed to: [nmlisana@knysna.gov.za](mailto:nmlisana@knysna.gov.za)*



**C207/2016/17: Supply and delivery of Laboratory chemical reagents and equipment**

**SPECIFICATIONS**

**DESCRIPTION OF ITEM**

<b>Supply &amp; delivery of Clothing</b>				
<b>ITEM</b>	<b>SHORT DESCRIPTION</b>	<b>QTY</b>	<b>Unit price</b>	<b>AMOUNT ( R ) EXCL VAT</b>
1	<p><b>Multi parameter with pH,EC,DO and TDS probes (same or similar to hanna)</b></p> <p><b><u>Specification</u></b>            pH Range 0.00 to 14.00 pH            pH Resolution 0.01 pH            pH Accuracy <math>\pm 0.02</math> pH</p> <p>EC Range 0 to 200 mS/cm            (absolute EC up to 400 mS/cm)            EC Accuracy <math>\pm 1\%</math> of reading or <math>\pm 1</math> <math>\mu</math>S/cm whichever is greater            EC Calibration automatic single point, with six standard solutions (84 <math>\mu</math>S/cm, 1413 <math>\mu</math>S/cm, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm) or custom point</p> <p>TDS Range 0 to 400000 ppm (mg/L); (the maximum value depends on the TDS factor)            TDS Accuracy <math>\pm 1\%</math> of reading or <math>\pm 1</math> ppm (mg/L), whichever is greater</p> <p>Salinity Range 0.00 to 70.00 PSU            Salinity Accuracy <math>\pm 2\%</math> of reading or <math>\pm 0.01</math> PSU whichever is greater</p>	4		
2	<p><b>Multiparameter portable colorimeter (same or similar to HACH)</b></p>	2		

**Specification**

Battery Requirements: 4, AA size alkali cells

Data Logger: 500 measured values (Result, Date, Time, Sample ID, User ID)

Detector: Silicon photodiode

Dimensions (H x W x D): 231 mm x 96 mm x 48 mm

Display: Graphical display 240 x 160 pixels (Backlit)

Enclosure Rating: IP67 (vial cover closed)

Includes: Colorimeter , two 1-inch glass sample cells marked at 10, 20 and 25 mL, two 1 cm plastic sample cells, 1 x 16-mm COD/Test 'N Tube™ adapter, 4 AA alkaline batteries, printed multilingual instrument manual, instrument and procedure manuals on CD, USB Mini to USB Cable, European CE mark.

Interface: USB type Mini IP67

Manual Languages: English

Operating Conditions: 10 - 40 °C (50 - 104 °F), max. 80 % relative humidity (non- condensing)

Operating Humidity: max 90 % relative humidity (non-condensing)

Operating Mode: Transmittance (%), Absorbance and Concentration

Operating Temperature: 10 - 40 °C

Optical System: 0 / 180 deg transmittance

Photometric Accuracy: ± 0.005 Abs @1.0 Abs Nominal

Photometric Linearity: ± 0.002 Abs (0 - 1 Abs)

Photometric Measuring Range: 0 - 2 Abs

Power Supply: 4 x AA size alkaline cells  
4x NiMH rechargeable Battery\* (\*External charger required)

Reproducibility: ± 0.005 Abs (0 – 1 A)

Sample Cell Compatibility: 1 inch round or 16 mm round (with adapter)

Spectral Bandwidth: 15 nm filter bandwidth

Storage Conditions: -30 to 60 °C (-30 - 140 °F), max. 80 % relative humidity (non-condensing)

Temperature Range: 0 – 50 °C (32 – 122 °F)

User Programs: Custom programming 10

Wavelength Accuracy: ± 1 nm (fixed, varies with model)

	Wavelength Calibration: N/A Wavelength Range: 420 nm, 520 nm, 560 nm, 610 nm Wavelength Selection: Automatic			
3	<b>1000ml Funnel</b>	12		
4	Moisture Analyser	2		
5	<p><b><u>Specification</u></b></p> <p>Max capacity 210g</p> <p>Reading unit 1mg</p> <p>Tare range -210g</p> <p>Max sample weight 210g</p> <p>Moisture readout accuracy 0.001%</p> <p>Moisture content repeatability 0.05%(sample weight of 2g), 0.01% (sample weight of 10g)</p> <p>Max sample height 20mm</p> <p>Weighing pan size ø90mm,h=8mm</p> <p>Drying temperature range 160°C max</p> <p>Heating module IR emitter</p> <p>Drying mode      4 drying modes(standard, quick, step and mild)</p> <p>Auto switch-off options    4 options (time-defined, automatic, manual, user-defined)</p> <p>Additional functions                  sample identification</p> <p>Power supply                                  230V</p> <p>LCD display    LCD backlit</p> <p>Interface                  1x RS 232, USB – B , Wi-Fi</p> <p>Net weight/gross weight 4.9/6.4kg</p> <p>Packaging size                                  470 x 380 x 336mm</p>	1		
6	<b>Petrifilm plate Reader for use with 3M™ Petrifilm</b>	1		

7	Lab Trolley	2		
8	Sterile 100ml sample bottles (red caps)	200		
9	Glass-microfibre Discs , grade MGA , diameter 90mm (100/box)	5		
10	<b>Water Deioniser</b>  <u><b>SPECIFICATIONS:</b></u> Conductivity - 0.1 – 2 Maximum flow rate l/h - 50 Diameter - 100 x 600 Weight – 3kg	1		
11	Digital infrared Thermometer	4		
12	Portable Coliform/E.Coli test kit 1CFU/100ml	4		
13	Dipslide incubator portable  <u><b>SPECIFICATIONS:</b></u> Dimensions – W246mm x D215mm x H162mm Weight – 1.7Kg Operating Voltage – 12V Display – 1 x 16 bit backlit LCD Capacity 12 dipslides/ 10 discs	4		



<b>The name of the Tenderer:</b>			
<b>The name of the Contact person:</b>			
<b>Physical address of the Tenderer:</b>			
		<b>Postal Code:</b>	
<b>Postal address of the Tenderer:</b>			
		<b>Postal Code:</b>	
<b>Cellular number:</b>			
<b>Telephone number:</b>			
<b>Facsimile:</b>			
<b>E-mail address:</b>			

**KMBD 4**

**DECLARATION OF INTEREST**

1. No bid will be accepted from persons in the service of the state<sup>1</sup>.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
- 3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative: .....

3.2 Identity Number: .....

3.3 Position occupied in the Company (director, trustee, hareholder<sup>2</sup>): .....

3.4 Company Registration Number: .....

3.5 Tax Reference Number: .....

3.6 VAT Registration Number: .....

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars. ....

.....

<sup>1</sup>MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
  - (i) any municipal council;
  - (ii) any provincial legislature; or
  - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) An employee of Parliament or a provincial legislature.

<sup>2</sup> Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars .....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.10.1 If yes, furnish particulars. ....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars .....

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars .....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars .....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars .....



4. Full details of directors / trustees / members / shareholders.

<b>Full Name</b>	<b>Identity Number</b>	<b>State Employee Number</b>

.....  
**Signature**

.....  
**Date**

.....  
**Capacity**

.....  
**Name of Bidder**

.....  
**Contact number**