

17<sup>th</sup> June 2021

**TENDER NO. KRA/HQS/NCB-58/2020-2021: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY EQUIPMENT-UNIT DENSITY METER**

**RE: CLARIFICATION/ADDENDUM "SET 1"**

Kenya Revenue Authority wishes to inform prospective bidders of the clarifications highlighted below for the above tender.

Clarifications/Addendum		
S/No	Query	Clarification
1.	<p>On page 26 of the tender document, a) Clause by clause Technical Evaluation Criteria,</p> <p>1. Item 1- Scope: Density meter complete with automatic sample changers for measurement of viscosity, pH, diet concentration, refractive index, alcohol, CO<sub>2</sub>, O<sub>2</sub>, colour, turbidity and optical rotation.</p> <p>Kindly note that no density meter can measure all the above parameters, it must be combined with other equipment to form a modulyzer (multiparameter measuring system). You will require the following modules and equipment:</p> <p>Modules (Density meter as the master instrument)</p> <p>a. Alcoyzer ME for alcohol b. pH ME Measuring Module for pH measurement c. COLOR 430NM ME for Color measurement in beverages. d. HAZEQC ME for turbidity. e. DietQC ME for diet concentration</p> <p>Equipment to fulfil your specifications Not part of the Density Meter</p> <p>a. Refractometer for refractive index</p> <p>b. Polarimeter for optical rotation</p> <p>c. CBOXQC COMBINED CO<sub>2</sub> / O<sub>2</sub> Meter for Beverages with a PFD Filling</p>	<p>The scope of the procurement item is 'Density meter complete with automatic sample changers for measurement of viscosity, pH, diet concentration, refractive index, alcohol, CO<sub>2</sub>, O<sub>2</sub>, colour, turbidity and optical rotation'</p> <p>The other measuring devices will come as modules to the density meter. The equipment must come with those modules</p>



	<p>Device for bottles and cans for CO<sub>2</sub> and O<sub>2</sub> measurement</p> <p>d. Viscometer for viscosity</p> <p>Please clarify if we should include above equipment/modules.</p>	
2.	<p>Which samples will you be analyzing (viscosity, pH, diet concentration, refractive index, alcohol, CO<sub>2</sub>, O<sub>2</sub>, colour, turbidity and optical rotation)?</p>	<p>Our lab is a non-routine laboratory analysing goods of international trade. We check for compliance of import declarations with the Harmonised Systems convention</p>
3.	<p>Kindly share the accuracy and resolution of the refractometer for refractive index measurement</p>	<p>Accuracy and resolution of the refractometer for refractive index Accuracy: <math>\pm 0.0004nD</math> Resolution: <math>\pm 0.00001nD</math></p>
4.	<p>Kindly share the accuracy and resolution of the polarimeter for optical rotation measurement.</p>	<p>Accuracy and resolution of the polarimeter for optical rotation measurement. Accuracy: <math>\pm 0.005</math> optical rotation units Resolution: <math>\pm 0.0001</math></p>
5.	<p><b>GENERAL CLARIFICATIONS</b></p> <p>1. Life cycle costs &amp; Functional guarantees- page 29 and 35.4f It is not clear if we have to fill this.</p> <p>Operation and Maintenance costs will depend on your usage of equipment and applications. If there are several applications, it will depend on each one and which samples and chemicals need to used. This is difficult to gauge. The instruments generally have a lifecycle of minimum 10 years. However cost of running will depend on usage and application.</p> <p>Which functional guarantees do you need? Pleas confirm if 1 year warranty will take care of instrument functional guarantee</p> <p>2. It is not clear if we need to fill forms 3.1/3.2/3.3 and if we do how many</p>	<p>Bidders are advised that the criteria that shall be used to qualify bidders is found under tender responsiveness, vendor evaluation and clause by clause technical evaluation criteria found in pages 24-27 of the bid documents.</p> <p>The mandatory forms that the bidders needs to fill also form part of the criteria in pages 24-27 of the bid document.</p>

*[Handwritten signature]*  
17/06/2021



<p>years of accounts info should we submit.</p> <p>3. Do we need to use form 4.1 &amp; 4.2 for past experience or do we submit past experience LPO and reference letter as per evaluation criteria pg. 25</p> <p>4. Page 53 – contractors equipment – please confirm we ignore this as no equipment is needed to carry out supply and installation of density meter. This form is generally for construction and civil works.</p> <p>5. Personnel – Page 54- Do we need to use this template or can we attached Staff CV as per eval criteria pg. 33</p>	
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The Clarification form part of the bidding document and is binding to the bidder. All other terms and conditions of the tender remain the same. You are therefore required to immediately acknowledge the receipt of this addendum.

Regards,

Rhodah Nzovila

**For: Deputy Commissioner - Supply Chain Management**

R/N

