



**Kenya Bureau of
Standards**

Standards for quality life

KEBS/T004/2021/2022

21ST SEPTEMBER, 2021

TO: ALL INTERESTED BIDDERS

**REF: ADDENDUM –NO. 1 KEBS/T004/2021/2022- SUPPLY, DELIVERY,
INSTALLATION AND USER TRAINING OF TESTING LABORATORY EQUIPMENT.**

The Kenya Bureau of standards wishes to provide the following clarification:

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this addendum, the Principal Tender Document shall continue to be in full force and effect.

The provision of this addendum shall be deemed to have been incorporated in and shall be read as part of the Principal Tender Document.

Clarification

2. We are processing the tender in subject and hereby wish to seek for clarifications on the below listed: -

The Laser Speed Measurement Simulator is a special product subject to export restrictions from our side.

In order to proceed could you kindly provide information about the purpose of the fixture and the name(s) of the laser speed measuring device(s) the fixture is intended for.

RESPONSE:

- i) *That the Kenya Bureau of Standards is the National Standards Body (NSB) of Kenya established under the Standards Act CAP 496 of the laws of Kenya.*
- ii) *The Kenya Bureau of Standards is mandated by law to offer traceability to the SI units in the country and disseminate measurement standards in the country in all fields of measurement through calibrations.*
- iii) *The Laser speed simulator is required for purposes of calibration of speed guns for use in the transport sector in order to support law enforcement.*

Approved
[Signature]
21/09/2021

3. Kindly share the other one for the "Laboratory Equipment for Meteorology

RESPONSE:

Laboratory Equipment for Metrology specifications have already been uploaded on the website

4. The tender numbers on the document cover page it is KEBS/T004/2021/2022 when you go through the document on Instructions to tender page 30 the tender number is different (KEBS/T002/2021/2022) can we be clear

RESPONSE:

The correct tender number is KEBS/T004/2021/2022.

5. The technical specifications list does not match with the price schedule list i.e. **3B** Technical specification list of items is different from what is in **3C** Price schedule.

RESPONSE:

The price schedule has been amended to match with list of technical specifications

6. Item No. 5 Automated Distillation Unit

For the fire extinguisher CO2 gas bottles will be required. Kindly confirm if this will be provided or will be bidder's responsibility.

RESPONSE:

Bidder's responsibility

7. Item No. 6 Bomb Calorimeter

- How many analyses do you expect to perform per day/week/month? You will require consumables such as cotton threads and ignition threads based on number of tests.
- You will require Oxygen gas for this system Kindly confirm if this will be bidder's responsibility. You have indicated Interfaces: Possible PC & Printer. Confirm if a PC, printer, and software for data management should be provided.
- You will require an analytical balance for sample weighing before introduction to the bomb calorimeter. Confirm if this will be provided or will be users responsibility.

RESPONSE:

- 10 tests per day
- Bidder's responsibility
- User responsibility

8. Item No. 7: Automated Multi-range Viscometer

You have stated that the standard test method required is ASTM D445, IP 71 section 1 ISO 3104 and EN ISO 3104. Kindly confirm if ASTM D7042 is also acceptable. By measuring dynamic viscosity according to ASTM D7042 and density according to ASTM D4052 Kinematic viscosity can be obtained which is equivalent to ISO 3104 or ASTM D445.

RESPONSE:7

ASTM D7042 is not acceptable

9 .Item No. 36: Water Distillation Unit

Clarify the number of liters per hour the distiller should distill.

RESPONSE:

The distiller should distill at least 8 Litres of water per hour

10. Item No. 45 Cleveland open cap flash and fire point tester

You will require Propane/butane or natural gas. confirm if this will be provided or will be bidder's responsibility.

RESPONSE:

Bidder's responsibility

11. Item No. 59: Laminar Flow Cabinet/ (Clean Benches)

Clarify whether you require a laminar flow cabinet with vertical flow or horizontal flow.

RESPONSE

Either Vertical or Horizontal laminar flow cabinet complying with technical and specifications indicated and international standard EN 14644-1, EN 12469 or ISO 14644

12. LOT 51, first section: "CABINET"

The specification is unclear, as it is a copy/paste of IPT's general description.

It states:

- "maximum number of racks" – 3
- "maximum number of modules per rack" – 3
- "maximum number of modules in cabinet" – 9
- "maximum number of stations in cabinet" – 45

comments:

- We can have up to 50 stations in one Cabinet, but above description does not specify how many stations they want. Do they want 1 cabinet with 45 stations?
- Secondly, we have higher capacity on each station, higher accuracy, and less energy consumption than IPT system. We have numerous advantages. you have limited us on quoting these because you have not given an alternative to the specs that is you have locked the specs to a more inferior system, with very old technology

RESPONSE:

The bidders are required to comply with the specifications as given in the tender document

13. For the items in polymer laboratory (elecometer 5300 drying time recorder is discontinued from manufacture give alternative.

RESPONSE:

Amended to read 'Drying time recorder'

14. Item No. 7: Automated Multi-range Viscometer

- You have indicated that your application is Simultaneous testing of two samples at two different temperatures with integrated auto samplers. What two temperatures will you be doing your measurements at?
- What are your samples?

RESPONSE:

The equipment supplied must match the temperatures in the listed methods.

KEBS tests a wide variety of products for viscosity and the equipment supplied should be robust enough to perform the listed methods as a minimum

15. On submission are we to submit the whole tender advertisement document or only the mandatory form required.

RESPONSE:

Interested eligible bidders are required to submit the whole tender advertised documents including all the appendices

16. State whether schedules stated from pages 44-46 and 53-54 are mandatory for the bidder to submit inclusive of the price schedule.

RESPONSE:

Please refer to instruction on page 44.

17. Item No. 24: UV-VIS Spectrophotometer

You have indicated that you require; 10mm Square cuvettes, 20, 30, 50, 70 and 100mm rectangular cuvettes (with or without an accessory). Kindly indicate the quantities of each size.

RESPONSE:

The number of cuvettes shall be three for each length

18. We are writing to you seeking clarification on Mandatory Requirement No. 6 (Valid County Government Business Permit) and MR 19 (Single Business Permit/Trade License).

Please specify the difference

RESPONSE

Both requirements in no.6 and MR 19 are trade license. Bidders are required to provide MR 19(Single Business Permit/Trade License) and not 6.

19. I.T.T 25.1 Deadline for submission and opening of the tender has been extended to 6TH October 2021 at 10.00 a.m East African Time.

ITT 4.1 Joint Venture **Not applicable**

ITT 8.1 Pre tender conference will not be held

ITT 19.5 Destination all goods to be delivered at headquarters and Regions as per the Tender Document.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

MANAGING DIRECTOR

