



**KENYA ELECTRICITY GENERATING COMPANY PLC**

**RFx: 5000014823**

**KGN-GDD-045-2024**

**TENDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF A BIOMEDICAL /MODERN GENERAL WASTE INCINERATOR**

**(Citizen Contractors)**

Dated: 2<sup>nd</sup> April, 2024

**Addendum No.2.**

In accordance with the Tender for Supply, Delivery, Installation, Testing and Commissioning of Biomedical /Modern General Waste Incinerators, KenGen issues an Addendum No.2 as follows:

**1. EXTENSION OF TENDER CLOSING DATE**

<b>TENDER CLOSING DATE</b>	<b>REVISED TENDER CLOSING DATE</b>
Tender Closing Date: <del>4<sup>th</sup> April 2024 at 10.00 a.m.</del>	Tender Closing Date: <b>12<sup>th</sup> April, 2024 at 10.00 a.m.</b>
Tender Opening Date: <del>4<sup>th</sup> April 2024 at 10.30 a.m.</del>	Tender Opening Date: <b>12<sup>th</sup> April, 2024 at 10.30 a.m.</b>

**2. UNDER SECTION V – SCHEDULE OF REQUIREMENTS OF THE TENDER DOCUMENT**

**ADDITIONAL TECHNICAL SPECIFICATIONS OF THE REQUIRED INCINERATOR**

Section 2.2 (Basic Description) #4 (Page 60 of the tender document) : The incinerator should be complete with a flue gas analyzer equipment complete with a laptop:

**SPECIFICATIONS FOR THE FLUE GAS ANALYZER EQUIPMENT**

**TECHNICAL SPECIFICATIONS**

- Number of gas sensors: minimum of seven (7) sensors which must be field replaceable
- Gases configuration: must be equipped with gas sensors for NO<sub>2</sub>, SO<sub>2</sub>, VOCs, CO, CO<sub>2</sub>, O<sub>2</sub> and Total hydrocarbons
- Measuring ranges: capability to measure gases in ranges and resolutions as outlined below;

Gas	Range	Minimum resolution
NO <sub>2</sub>	0-800 ppm	1ppm
SO <sub>2</sub>	0-4,000 ppm	1ppm
VOCs	0-180 ppm	1ppm
CO	0-12 %	0.1%
CO <sub>2</sub>	0-40 %	0.1%
O <sub>2</sub>	0-24 %	0.1%
Hydrocarbons	0-3 %	0.01 %

PPM equivalents acceptable for carbon and oxygen gases listed above.

- Sampling probe: minimum temperature rating of 1000 °C and minimum size of 1.2m in

length.

5. Sampling hose: minimum size of 1m
6. Anti-liquefaction: equipped with a system to prevent moisture and precipitation accumulation within the inner tubing of the instrument
7. Air sample pre-treatment: equipped with moisture extractor in background air samples
8. Fritage: equipped with particle filtration component
9. Software: equipped with software for data processing and PC communication via USB
10. Memory: equipped with data storage exceeding 1,000 tests
11. Exit velocity and temperature measurements: equipped with sensors for exhaust temperature and gas flow rate
12. Power: inbuilt rechargeable battery and AC adapter
13. Printer: field printer equipped with Bluetooth connection
14. Portability: hard carrying case for field measurements
15. Test methods: documentation to show compliance to approved emission test methods
16. Calibration certificate: supplied with factory calibration certificate
17. Technical brochures and datasheets to show features and functionality must be attached to enable technical evaluation.

**SUPPLIER ACKNOWLEDGEMENT OF ADDENDUM NO.2**

We, the undersigned hereby certify that the Addendum No.2 is an integral part of the document and the alterations set out in addendum has been incorporated in the Tender Proposal.

Signed.....

Tenderer.....

Date.....