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SUPPLY CHAIN MANAGEMENT
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DATE: 15/05/2023

RE: ADDENDUM NO. 1 TO TENDER NUMBER KUTRRH /TNDR/G/078/ SDICU-G/2022-2023- SUPPLY AND DELIVERY OF INTENSIVE CARE UNIT (I.C.U) EQUIPMENT.

The above is to provide clarification on the **following** of the above-mentioned tender:

Clarification/Amendment:"

Clarification 1:

From the above tender document, we have noted there are no technical specifications listed for Item No 12- ICU Blood Gas Analyzers.

Clarification:

TECHNICAL SPECIFICATONS

SPECIFICATIONS FOR BLOOD GAS ANALYZER

1. Must be able to give the following parameters:
 - Ph, PCO₂, PO₂, HCO₃, BE, SO₂, O₂CT, tCO₂
 - Na⁺, K⁺, Cl⁻, Ca²⁺, Glucose, Lactate, Creatinine, Bilirubin
 - Hct, tHb, HbF, HHB, O₂Hb, MetHB, COHb
2. Sample volume should be between 30 - 200 ul
3. Should be able to measure whole blood and pleural fluid.
4. Must be able to use either syringe or capillary samples.
5. Should be able to automatically mix blood samples.
6. Should have a customized automatic QC module.

1. Should have an integrated bar code scanner and an external barcode reader.
2. Must have automatic clot detection option.
3. Data capacity logs for patients' samples, QC samples and calibrations should be at least 1000 each
4. Data management system should include:
 - Patient's name and demographics
 - Patient's temperature and FiO2 correction options
5. Sample measuring time should be less than 2 min.
6. Patient information trend reports, Levy-Jennings charts and operator logs enabled.
7. Should perform 1 point and 2-point calibrations and simple maintenance automatically.

1. Should be HIS/LIS enabled.
2. Should integrate with HMIS at no extra cost.

1. Should be a bench top equipment.
2. Robust construction and easy to clean.

1. Operating ambient temperature should be 10°C to 40° C
2. Relative humidity 20% to 90%
3. Power Requirements are 100 - 250V 50Hz/60Hz.

F. CONFORMITY TO STANDARDS

1. Must be CE marked and FDA cleared.

G. ACCESSORIES

1. Should come with power backup – UPS 1.5KVA online.

1. Equipment uptime should be 97%

1. Complete installation, testing and commissioning and set-up of the machine as per manufacturer's instructions must be done

1. Should give proof of capacity to provide comprehensive maintenance and repair services including parts and materials
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1. Should give operator training on-site and at source.
 - Factory based training for 2 technical –Biomedical.
 - On-site training for technical staffs
2. Must have scheduled maintenance every 3 months.
3. Periodic on-site training after every 6 months

Two years' warranty.

All other terms and conditions remain unchanged.

END OF TENDER ADDENDUM



AHMED DAGANE, RN, BA, BSN, MBA-HCM
CHIEF EXECUTIVE OFFICER



