



**MINISTRY OF HEALTH
STATE DEPARTMENT FOR MEDICAL SERVICES
OFFICE OF THE PRINCIPAL SECRETARY**

TENDER ADDENDUM NO. 5 – 10TH JULY, 2024

**PROVISION OF SERVICES FOR MEDICAL EQUIPMENT AT A FIXED FEE FOR SERVICE (FFS)
IN PUBLIC HEALTH FACILITIES**

TENDER NO: MOH/SDMS/HI/OT/001/2023-2024

PROVISION OF MEDICAL EQUIPMENT ON LEASE IN PUBLIC HEALTH FACILITIES

TENDER NO: MOH/SDMS/HI/OT/002/2023-2024

Reference is made to the above tenders that appeared on the print media (The Star Newspaper) on 19th June, 2024 and 20th June, 2024. Interested bidders have sought for some clarifications on the tender documents which are hereby made as follows: -

S/NO	Description of Inquiry	CLARIFICATION
1.	<p>TENDER NUMBER - MOH-SDMS-HI-OT-001-2023-2024</p> <p>Lot 11 - Dialysis: the List of itemized service indicates the following :</p> <p>1) Hemodialysis 2) Hemodiafiltration dialysis 3) Peritoneal Dialysis</p> <p>However the tender specifications have not included any dialysis machines which are a requirement for the above listed (1, and 2) service</p>	<p>DIALYSIS MACHINE SPECIFICATION</p> <p>Brief description: A dialysis machine is an artificial kidney that performs most, but not all, kidney functions for patients who have permanent or temporary renal failure. It uses hemodialysis to cleanse the blood and balance its constituents. The machine filters the patient's blood to remove excess water and waste products when the kidneys are damaged, dysfunctional or missing.</p> <p>Features.</p> <ul style="list-style-type: none"> • Blood pump rate: min of 20ml/min and maximum of 500ml/min • Should have inbuilt device for measurement and monitoring of effective urea clearance and dialysis dose(KT/V) • Have an option of both double and single needle • Should have blood circuit supervision of both arterial and venous pressure(-700- +750mmHg) • Should be able to adjust UF volume from 0 to 10L • Should have UF rate 0 to 41/h • Should have ultra filtration supervision system to monitor UF target in relation to set • ultra filtration time • Should able to detect blood leakage by use of infrared light • Should have air bubble detector with venous clamp.

		<ul style="list-style-type: none"> • Should be able to accommodate heparin size ranging from 10 to 50cc • Heparin pump flow rate of 0ml/h to 4ml/hr • Should be able to give bolus volume ranging from 0 to 10ml. • Should be able to display accumulated heparin on the display • Should have heparin stop time • Should have inbuilt non invasive blood pressure measurement. • Dialysate flow rate of 300ml/min to 700ml/min • Should have touch button screen • Should have audio visual alarms • Dialysate temperature of 35-37 degrees • Should have bicarbonate range of Na+130 to 150mmol/L,HCO3 20 to 40mmol/L • Should be able to perform UF,Na+ and HCO3 profiling • Should have an option of concentrate stand by mode when patient is not connected. • The machine should be able to accept consumables from different suppliers • Should have inlet water supply pressure of 1.2bar to 6bar • Should have heat and liquid citric disinfection function • Should perform chemical disinfection of either peracetic acid or sodium hypochlorite • Should have a drain facility • Mains voltage 240v ac 50Hz single phase. • Should have rechargeable battery back up of 15-30minutes. • Electrical safety: classification according to IEC60601-2-16 for hemodialysis machine. • FDA/CE approved or any other internationally recognized quality standard. • User training and factory training for 2 biomedics • The company should have available local vendor and distributor with trained technicians within the country. • The spare parts should be easily accessible.
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The tender Closing /Opening date remains to be Friday the 12th July 2024 at 11.00am.

Any inconveniences caused is highly regrettable.



Harry Kimtai, CBS
PRINCIPAL SECRETARY