REPUBLIC OF KENYA

MINISTRY OF HEALTH

48 Governments 1 Nation

# STATE DEPARTMENT FOR MEDICAL SERVICES
# OFFICE OF THE PRINCIPAL SECRETARY

**TENDER ADDENDUM NO. 2 – 24TH JULY, 2026**

**PROVISION OF SERVICES FOR MEDICAL EQUIPMENT AT A FIXED FEE FOR SERVICE IN PUBLIC HEALTH FACILITIES**
**TENDER NO: MOH/SDMS/HI/OT/001/2025-2026**

Reference is made to the above tender that appeared on the print media (The Star Newspaper) on 29th June, 2026. Interested bidders have sought for some clarifications on the tender document which are hereby made as follows: -

| S/NO | DESCRIPTION OF INQUIRY | CLARIFICATION |
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| 1. | **Lot 25 Specifications missing**<br>1. Echocardiography (echo) systems — transthoracic, transesophageal (TEE).<br>2. Bladder scanners – point-of-care ultrasound for residual urine volume assessment.<br>3. Ophthalmic ultrasound (A-scan/B-scan)<br>4. Ultrasound machine (portable/transabdominal/transvaginal)<br>5. Ultrasound probes (TVS & TAS)<br>6. Transesophageal echocardiography probes (paediatric) | • The minimum functional requirements necessary to meet the required service clinical standards are as provided. Bidders are expected to propose the necessary equipment, consumables and any other necessary reagents required to provide the specified services. |
| 2. | **LOT 26 – Specialized Laboratory Services for Cancer Diagnosis and Treatment (Pages 126–130)**, we noted several technical inconsistencies between the listed tests, equipment, and reagents. To ensure accurate | |

interpretation of the specifications and submission of a responsive bid, we kindly request clarification on the following items

| S/No. | Service/ Tests | Query |
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| 5 | Insulin Assay | The equipment specified is an incubator and a microscope. Kindly confirm whether the intended equipment is an automated immunoassay analyzer (e.g., CLIA/ELISA platform). |
| 7 | Parathyroid Hormone (PTH) Assay | The equipment is listed as "TSH/T3/T4 Immunoassay Analyzer," which appears to refer to assays rather than equipment. Kindly confirm the intended analyzer. |
| 9 | Homocysteine Levels | Kindly clarify the intended analytical methodology (LC-MS/MS, enzymatic assay, or immunoassay) and the corresponding reagents required. |
| 13 | Dynamic Function Tests | The reagents listed (Humulin/Novolin) appear applicable to only certain dynamic endocrine tests. Kindly specify the exact dynamic function tests intended under this item. |
| 23 | Allergy Testing | "Standardized Allergen Panels" are listed under equipment. Kindly confirm the intended |

Re Query 5 – Insulin Assay: The laboratory testing for insulin assay specified in this tender package shall be performed on an automated CLIA immunoassay platform. Bidders shall propose qualified automated CLIA immunoassay analyzers as the core testing equipment in their bids accordingly.

- Re Query 7 – Parathyroid Hormone (PTH) Assay: "TSH/T3/T4 Immunoassay Analyzer" shown in the equipment list is a writing mistake. The required core instrument for PTH testing is an automated CLIA immunoassay analyzer. All bidders shall provide corresponding CLIA platforms in their technical proposals.

- Re Query 9 – Homocysteine Levels: Homocysteine testing shall adopt the enzymatic assay method using an automated clinical chemistry analyzer. Corresponding enzymatic reagents matched to automated clinical chemistry analyzers are required for tender submission.

- Re Query 13 – Dynamic Function Tests: Humulin and Novolin listed are insulin reagents for endocrine dynamic testing. The specific dynamic function tests covered under this item include but are not limited to Glucose Tolerance Test for Acromegaly, Insulin Tolerance Test, and Oral Glucose Tolerance Test. Bidders shall supply matching reagents and consumables applicable to all aforementioned test items in their bids.
- Re Query 23 –Allergy Testing Clarification: "Standardized Allergen Panels" listed are reagent panels rather than testing equipment. Allergy testing shall be carried out via automated

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| | | analyzer/platform required for allergy testing. | CLIA immunoassay platform. Bidders need to offer compatible CLIA analyzers and corresponding allergen panels accordingly. |
| 25 | HLA Typing | The listed equipment (microscope, incubator, autoclave, refrigerator) does not correspond to routine molecular HLA typing. Kindly clarify whether PCR-SSP, PCR-SSO, Sequence-Based Typing, or NGS-based HLA typing is required. | • Re Query 25 – HLA Typing: The HLA typing technology required herein is NGS-based HLA typing. Bidders shall supply full NGS compatible testing solutions for HLA typing in their proposals. |
| 26–28 | PCR for Pathogen Detection, Mycobacterial Culture & Sensitivity, Fungal Culture & Sensitivity | The equipment and reagent allocations appear inconsistent and may have shifted between rows. Kindly provide the correct equipment and reagent specifications for each individual test. | • Re Queries 26–28 – Pathogen, Mycobacterial and Fungal Testing: The inconsistency of equipment and reagent listings is caused by document layout error. The clear division of each item is as follows: Item 26: PCR for Pathogen Detection Item 27: Mycobacterial Culture & Sensitivity Item 28: Fungal Culture & Sensitivity Bidders shall prepare corresponding dedicated equipment and supporting reagents separately for each test item in their tender submission. |
| 29 | Stool for *Clostridium difficile* Toxin | The listed reagent description appears unrelated to the test. Kindly confirm the intended assay reagents. | • Re Query 29 – Stool for Clostridium difficile Toxin: The mismatched reagent content listed is a document mistake. This test shall adopt ELISA assay. |
| 30 | Urine Protein Electrophoresis | A coagulation analyzer is listed as equipment. Kindly confirm whether an electrophoresis system is the intended equipment. | • Re Query 30 – Urine Protein Electrophoresis: The coagulation analyzer shown in the equipment list is a textual error. The equipment needed for this test is an electrophoresis system, which bidders shall provide in their tender proposals. |
| 31 | 24-Hour Urine Collection for Specific Analytes | Kindly clarify the intended analytical equipment and associated reagents for this test. | • Re Query 31 – 24-Hour Urine Collection for Specific Analytes: Testing of renal function and electrolyte analytes from 24-hour urine samples shall be performed on an automated clinical chemistry analyzer. Bidders shall provide |
| 32 | Factor VIII | A rapid point-of-care platform is specified. Kindly | |

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| | | confirm whether an automated coagulation analyzer is the intended equipment. | corresponding supporting reagents for renal and ion testing as required. |
| 33 | Factor IX | The reagent listed is Antithrombin III. Kindly confirm the appropriate reagents for the Factor IX assay. | • Re Queries 32, 33 & 35 – Coagulation & Thrombophilia Testing: All mismatched content in the list results from textual errors. All relevant tests shall be conducted on an automated coagulation analyzer. Required reagents cover Factor VIII, Factor IX,PT, APTT, TT, FIB, Protein C, Protein S and Antithrombin III, without limitation. |
| 35 | Thrombophilia Screen | Imaging equipment (MDCT, MRCP, Endoscopic Ultrasound) and tumor marker reagents are listed. Kindly confirm the intended laboratory equipment and reagents, as these appear unrelated to thrombophilia testing. | |
| 37 | CA 19-9 (Pancreatic Cancer) | The specified equipment comprises NGS platforms and BRCA-related reagents. As CA 19-9 is typically measured using automated immunoassay analyzers, kindly confirm the intended equipment and reagent requirements. | • Re Query 37 – CA 19-9 (Pancreatic Cancer): Listing NGS platforms and BRCA reagents is a textual error. The required testing platform for CA 19-9 is an automated CLIA immunoassay analyzer, and corresponding CLIA assay reagents shall be supplied by bidders. |
| 38 | Beta-hCG | The listed reagents correspond to an LDH assay rather than beta-hCG. Kindly confirm the correct equipment and reagents. | • Re Query 38 – Beta-hCG: The LDH reagents shown in the list are a textual mistake. Beta-hCG shall be tested via an automated CLIA immunoassay platform, and relevant matching CLIA reagents are required for tender submission. |

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| | 39 | BRCA1 and BRCA2 Gene Testing | ELISA equipment and parasitic serology reagents are listed. Kindly confirm the intended molecular platform (e.g., NGS or PCR) and the corresponding reagents. | • Re Query 39 – BRCA1 and BRCA2 Gene Testing: ELISA equipment and parasitic serology reagents listed are document errors and not applicable to this test. BRCA1 and BRCA2 testing shall adopt NGS technology. Bidders are required to provide full NGS platforms and supporting BRCA-specific NGS reagents accordingly.<br><br>• Re Query 40 – LDH (Lactate Dehydrogenase): Microscope and Field stains shown in the list are textual mistakes. LDH testing shall adopt an automated clinical chemistry analyzer, and corresponding supporting LDH reagents are required to be offered by bidders.<br><br>• Re Query 41 – Serology for Parasitic Infections: The listed Giardia and Entamoeba stool antigen reagents are document errors. This item requires microscopic examination for Toxoplasma and Echinococcus detection, and bidders shall provide corresponding microscopic testing supplies and reagents.<br><br>• Re Query 42 – Thick and Thin Blood Smear for Malaria: This test is performed via microscopic examination. Bidders need to supply laboratory microscopes and full sets of corresponding consumables for malaria blood smear testing.<br><br>• Re Query 43 – Stool Antigen Tests: This test is to be conducted by ELISA assay. Bidders shall provide full sets of ELISA reagents and supporting consumables for stool antigen testing as part of their tender submission. |
| | 40 | LDH (Lactate Dehydrogenase) | A microscope and Field stains are listed, which appear unrelated to LDH testing. Kindly confirm the intended chemistry analyzer and reagents. | |
| | 41 | Serology for Parasitic Infections | The reagents listed correspond to Giardia and Entamoeba stool antigen testing rather than Toxoplasma and Echinococcus serology. Kindly clarify the intended reagents. | |
| | 42 | Thick and Thin Blood Smear for Malaria | Kindly confirm the intended equipment and consumables, as the specifications appear incomplete. | |
| | 43 | Stool Antigen Tests | The specification appears incomplete. Kindly provide the complete equipment and reagent requirements. | |
| | it appears that **some equipment and reagent specifications may have been inadvertently misaligned from approximately Test 25 onwards**, resulting in several entries being associated with unrelated tests | | | |
| 3. | **Request for inclusion of Pre-transplant and Renal Replacement Therapy services under Lot 25 (Urological).** | | | • There will be No inclusion of pre-transplant and Renal Replacement Therapy services in this contract. |

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| 4. | 1. You have requested a Radiotherapy Simulator, Radiotherapy simulation systems that consist of a radiographic CT fluoroscopic simulator that includes an x-ray system and a mechanical system (collimator, gantry, table, controls) that mimics the movement of a linear accelerator and/or a cobalt unit CT scanner. *Is a standard CT simulator acceptable to you?*<br>2. You have requested for Multi-slice scanner with very fast scanning time (minimum 128 slices at a time). *128 Slice CT Simulator is a lockout specification. Is a 32 slice CT simulator acceptable to you?*<br>3. Wide aperture preferably 85 cm or more is a lockout specification. *Is 82cm acceptable to you?*<br>4. Gantry must support rotations of ≤ 0.35 seconds to 5 seconds per 360°. This is a lock out specification. Is a 360° rotation in 0.5sec acceptable to you?<br>5. The tube voltage should be in the range of 70 kV to 140 kV or better. *Is a minimum kVp of 80kVp acceptable to you?*<br>6. The mA range must be from 5 mA to 667mA or better depending on kV. Is a minimum mA range of 10 mA acceptable to you?<br>7. Heat capacity: > 10 MHU/22MHU is a lockout specification. *Is an MHU of 8 MHU acceptable to you?*<br>8. Slice thickness should be user selectable from 0.375 mm to 10 mm. *Is a minimum slice thickness of 0.625mm acceptable to you?*<br>9. High contrast spatial resolution: It should be at least 23.5 lp/cm maximum at 0%MTF. *Is 18.1 l/cm acceptable to you?*<br>10. High contrast spatial resolution: It should be at least 23.5 lp/cm maximum at 0%MTF. Is a CT number Scale: -1024 to 3071 HU; -31743 to 31743 expanded HU range acceptable to you? | • The minimum functional requirements necessary to meet the required service clinical standards are as provided. Bidders are expected to propose the necessary equipment, consumables and any other necessary reagents required to provide the specified services<br>• It therefore remains the responsibility of the bidder to ensure that the proposed equipment and any associated configurations are technically consistent with the required service to be provided |
| 5. | 1. **Equipment Specifications**<br>We kindly request that the Ministry provide detailed generic | • The minimum functional requirements necessary to meet the required service clinical standards are as provided. Bidders are |

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| | technical specifications for equipment where the specifications are currently not clearly defined.<br><br>2. **Packaging of Equipment into Lots**<br>We respectfully request the Ministry to consider reducing the number of equipment grouped within each LOT or allowing bidders to submit bids for individual equipment. The equipment included under each LOT represents a significant capital investment and comprises technologies manufactured by different specialized manufacturers. Requiring bidders to provide the entire range of equipment within a single LOT may inadvertently limit competition, as very few manufacturers have the capability to supply all the technologies under one package. Allowing bidders to bid for individual equipment, or reducing the number of equipment grouped within each LOT, would encourage broader participation. | expected to propose the necessary equipment, consumables and any other necessary reagents required to provide the specified services<br><br>• The LOTS as packaged remain "as is". |
| 6. | Clarify on the documentary evidence required for logistics capability; product evaluation; personnel requirements and associated experience | **a) Logistics capability** –<br>• If the equipment is owned, must provide **CLEAR** copies of log books or proof of ownership;<br>• If equipment is hired or leased Provide a commitment letter from the lessor of the equipment addressed to the ***Principal Secretary, State Department for Medical Services*** indicating that the lessor shall avail the equipment upon award of the tender and/ or submit a copy of a written agreement to lease between lessee and lessor indicating list of equipment and their corresponding copies of log books or proof of ownership by lessor;<br><br>**b) Personnel requirements and associated experience**<br>**Lead Technical staff – Degree/Higher national Diploma (HND) holders in Bio medical engineering**<br>Two (2No) Biomedical Engineering technologists - must have a Degree in biomedical engineering with at least 3 years experience |

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| | | **Medical Engineering Technologists – Diploma Holders**<br>Five (5No) Biomedical Engineering technologists -must have at least a diploma in Biomedical Engineering with 5 years' experience<br><br>**c) Product Evaluation**<br>Bidders are expected to provide brochures containing all the technical data of the equipment they are proposing to install under the program in provision of the services. The proposed equipment is required to meet the technical specifications provided as a minimum or equivalent where provided.<br><br>**NOTE:** All equipment provided **MUST** meet ISO 13485 standard for performance and safety. |
| 7. | Will the evaluation criteria be evaluated on a scoring system through prorated marks or on "met and not met" basis | The evaluation criteria will be evaluated on a **"met and not met"** basis |

In view of the provided clarifications, the tender Closing /Opening date has been extended to **Thursday, 6th August, 2026** at **11.00am.**

All other tendering conditions remain the same.

Any inconvenience caused is highly regretted.

Dr. Ouma Oluga, OGW
**PRINCIPAL SECRETARY**