TENDER REFERENCE NO.: KK/226/2025/LAB(TC)

MINISTRY OF HEALTH NEGARA BRUNEI DARUSSALAM

TO SUPPLY AND DELIVER LABORATORY CONSUMABLES FOR TISSUE PROCESSING AND MICROTOMY WITH EQUIPMENT RENTAL FOR NATIONAL HISTOLOGY AND CYTOLOGY REFERENCE LABORATORY & MORTUARY SERVICES (HISTOLOGY LABORATORY), DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH

TENDER FEES : \$50.00

RECEIPT NO. :

CLOSING DATE: ON TUESDAY, 02ND September 2025

TIME : 2.00 PM

FOA :

THE CHAIRMAN
MINI TENDER BOARD, TENDER BOX
GROUND FLOOR, MINISTRY OF HEALTH
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB3910
NEGARA BRUNEI DARUSSALAM

(CLUSTERING)

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/226/2025/LAB(TC)

INVITATION TO TENDER

TO SUPPLY AND DELIVER LABORATORY CONSUMABLES FOR TISSUE PROCESSING AND MICROTOMY WITH EQUIPMENT RENTAL FOR NATIONAL HISTOLOGY AND CYTOLOGY REFERENCE LABORATORY & MORTUARY SERVICES (HISTOLOGY LABORATORY), DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF THREE (3) YEARS USAGE

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/ YEAR
1	NEUTRAL BUFFERED FORMALIN 10% (10% NEUTRAL BUFFERED FORMALIN) Premixed, 5Litre capacity, ready to use Phosphate buffers are between, used to stabilize the PH 6.8 and 7.2 Stringent quality control ensures a formalin concentration of 10% Stable to freezing temperature	5L/BOTTLE	100 BOTTLES
2	 ETHANOL (Or equivalent dehydrant 100%) reagents alcohol 100% 5Litre capacity Can also be used as a dye or stain solvent 	5L/BOTTLE	100 BOTTLES
3	 XYLENE ■ 5Litre capacity ■ Superior lipid extraction, optimal paraffin infiltration and excellent deparaffinization and clearing during staining ■ Contains lowest level of benzene, known carcinogens 	5L/BOTTLE	100 BOTTLES
4	PARAPLAST (PARAPLAST REGULAR) Made of paraffin and plastic polymers Packaged in an easy-to-open, resealable bags Delivers excellent processing and infiltration Yields thin, flat, wrinkle-free sections Packaging per 1kg bag	PER KG	200KG
5	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) WHITE: 34,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx.	1,000 PCS/PACK (OR EQUIVALENT)	34,000 PCS

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/ YEAR
	 1.0 x 1.0mm each to allow maximum flow through for good fluid exchange and proper drainage Secure & relockable lids without danger of specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers 		
6	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) GREEN: 1,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable lids without danger of specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers	1,000 PCS/PACK (OR EQUIVALENT)	1,000 PCS
7	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) BLUE: 2,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable lids without danger of specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers	1,000 PCS/PACK (OR EQUIVALENT)	2,000 PCS
8	automatic cassette labellers TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) YELLOW: 3,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene	1,000 PCS/PACK (OR EQUIVALENT)	3,000 PCS

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/ YEAR
	 Slotted with about 224 holes of approx. x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable lids without danger of specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers 		
9	DISPOSABLE MICROTOME BLADE (LOW PROFILE) ■ Feather s-35 or equivalent ■ Blade has steel hardening technology that delivers longetivity and instantaneous & continous ribboning ■ 50 pcs/pack or equivalent	50PCS/ PACK	25 PACKS
10	DISPOSABLE MICROTOME BLADE (HIGH PROFILE) Blade angle 34° or equivalent Feather or equivalent Blade has a steel hardening technology that delivers longevity and instantaneous & continous ribboning 50 pcs/pack or equivalent	50 PCS/ PACK	25 PACKS

^{*}Cost per unit should include the accessories and consumables required to run the test.

NO.	SPECIFICATIONS AND REQUIREMENTS		
1.0	PROVISION OF EQUIPMENT		
	The Vendor will supply, deliver, install and commission:		
1.1	 Two (2) rental units automated and enclosed tissue processor with included battery back-up power Two (2) rental units rotary microtome comes with histology tissue universal cassette holder as well as blade holder suitable for low profile as well as high profile microtome blades 		
	The equipments to be installed at the National Histology and Cytology Reference Laboratory, Central State Laboratory Building		
2.0	EQUIPMENT SPECIFICATION		
2.1	Tissue Processor		
	 222 cassette capacity (300 possible in random baskets) 		
	Circular chamber design with continuous agitation		
	Quality of first reagent alcohol automatically monitored		
	Reaction chamber viewing window		
	Potassium permanganate and charcoal filters included		
	Battery back-up with up to four hours operation		
	Newly developed intuitive control software		
	Clear and easy to read touch screen interface		
	Customizable programs for processing and flushing		
	Three distinct fill levels in processing chamber		
	Automated in-process reagent rotation		
	Downdraft ventilation system built-in		
	Suitable for Xylene-free processing		
	Remote alarms and LIMS interfacing capable		
	Comes with necessary tools and accessories, and operators guide		
2.2	Rotary Microtome		
	High stability and precision design manufacture		
	 Two quick trim stages (10 micrometres and 30 micrometres) independent from preset section thickness 		
	 Able to accurately and repeatedly cut sections from 0.5-60 micrometres 		
	 X/Y fine orientation with reproducible zero positioning 		
	Manual coarse feed wheel		
	Specimen retraction capable		
	 Long stroke length (64mm) capable of high quality sectioning of Macro/SuperMega cassettes 		
	 Unique section thickness setting with removable knobs allowing operation for both right and left hands 		
	Large removable section waste tray covering the entire working area		
	 Includes cassette clamp capable of holding histological tissue cassettes sized 42 x 28 x 6mm size for sectioning 		
	 Includes microtome blade holder with quick-clamp system capable of holding low-profile and high-profile microtome blades for sectioning, with clearance angle adjustment 		

NO.	SPECIFICATIONS AND REQUIREMENTS		
	• Microtome blade clamping plate should be able to move laterally without needing to unclamp the blade.		
	 Comes with standard tools, brushed aluminium cover plate, dust cover and operators guide. 		
3.0	TECHNICAL SPECIFICATIONS		
3.1	Tissue Processor		
	■ Dimensions approx. 580mm (D) x 710mm(W) x 1600mm (H)		
	Weight approx. 112kg empty/ 200kg full		
	Power supply voltage 100-240VAC		
	■ Frequency 50-60 Hz		
	Power 900VA (maximum); 200VA (Typical)		
	Connections Serial RS232 (LIMS); RJ45 (Netmon)		
	Certifications UL; CSA; IVD; Compliant with 21CFR part 11		
3.2	Rotary Microtome		
	■ Dimensions approx. 490mm (D) x 420mm (W) x 280mm (H)		
	■ Weight 23kg approx.		
	Horizontal feed range: 28mm		
	Section thickness range: 0.5-60mm		
	Mechanical trim stages: 10/30mm		
	Retraction: 60mm		
4.0	SERVICE AND AFTER SALES SUPPORT		
4.1	All reagent test kits / consumables supplied throughout this tender shall have a minimum expiry date of eight (8) months on delivery. Should the reagent or consumable be urgently needed, provision of a reagent test kit or consumable with expiry date of less than eight (8) months should be first agreed by the User of the particular laboratory before delivery is made.		
4.2	All periodic maintenance and the necessary consumables, as recommended by the manufacturer, must be included.		
4.3	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than eight (8) months and vendor shall declare in the LOU that unused, unopened, expired kits will be replaced accordingly. For items which are known to have short expiry date such as those containing red blood cells, list down all such items and vendor shall declare in this tender submission of such items and shall be exempted from submitting LOU upon delivery.		
4.4	Staggered delivery every 3 months period directly to the User.		
4.5	User shall have the rights to refuse delivery of items that do not meet the acceptance criteria such as, but not limited to, the following: 1. Tampered or damaged box 2. Leakage upon delivery 3. Items stored pre-delivery not in accordance to manufacturer's instructions 4. Expiry date not meeting requirement		
4.6	User shall have the rights to return any items, and to be replaced at no extra cost, if found not meeting the acceptance criteria upon opening a pack such as, but not limited to, the following: 1. Tampered or damaged packaging 2. Evident of leakage or damaged products 3. Expired products that are evidently less than the requirement mentioned in para 4.1 calculated from delivery date		

NO.	SPECIFICATIONS AND REQUIREMENTS		
	4. Leakage upon delivery		
4.7	Please supply details of the arrangement for 24-hour service support. There should preferably be remote diagnostic facility available. This should include the number of engineers and application specialist, their qualification/training with the system, response time during office hours, after office hours, weekdays and weekends.		
4.8	The supplier SHALL be responsible for the preventive maintenance (Weekly, Monthly, and Quarterly as needed) and breakdown maintenance of the equipments. Any breakdown should be quickly attended to within 3 hours.		
4.9	A copy of service report must be submitted to the laboratory whenever service work is done on the instrument.		
4.10	Spare parts SHALL be supplied by the supplier should any replacement is required during preventive and breakdown maintenance.		
4.11	Vendor shall aid the user with verification of a comprehensive methods performance for all of the tests listed above including (where applicable), but not limited to: precision, accuracy, linearity, sensitivity, specificity, carryover, limit of detection or as required by the User depending on the nature of testing. Report of the verification study shall be submitted to the User for approval by the Director of Laboratory Services.		
4.12	In the event of test results cannot be produced due to equipment failure or unavailable reagent supplies within the specified turnaround time, the vendor shall arrange and bear all costs for analysis of tests to an accredited laboratory (ISO 15189).		
5.0	ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS		
5.1	The system shall occupy space not more than the present system in the laboratory. If any renovation (electrical and/or environmental) is required, costs shall be borne by Vendor.		
5.2	Should any renovation be required, Vendor shall comply with the Ministry's procedure for infection control risk assessment (ICRA), implementation and monitoring as set out in the document titled Construction and/or Renovation, Maintenance, Repair and Demolition in the Health Care Setting.		
5.3	Power and water requirements: No or low water consumption. If water is required, state how much and what purity, with provision of water purification system included. Please provide specification for power requirement. All costs for installing electrical and water requirements shall be borne by the Vendor. All the electrical wires shall be covered with PVC trunk properly for safety precautions.		
5.4	Electrical Safety – Vendor shall test for and maintain the electrical safety of all equipment and accessory devices installed throughout their usage period. This include conducting electrical safety testing upon installation & during preventive maintenance (at least every six (6) months) using calibrated device. Electrical safety testing report shall be submitted to the laboratory for acceptance.		
5.5	Temperature and humidity requirement: preferably 22 – 28 °C and up to 80% relative humidity.		
5.6	Floor area and drainage requirements: preferably adaptable to present facilities.		
5.7	Heat and noise generation: preferably less than 7,000 BTU per unit and ≤ 65 dBA at the front of the unit while at full operation.		
5.8	Low generation of hazardous chemical or biological waste.		
5.9	If biological liquid waste is generated, the supplier shall provide the following for suitable waste containers; i. Two waste containers shall be capped, have an inlet and outlet, easy to handle and do not hold more than 15L of liquid waste ii. When the production of waste liquid is more than 15L/day, a direct waste pipe shall be installed. A pre-dilution container shall be provided with easy access to add disinfectant and dispose of waste liquid. A preventive pipe shall be installed to prevent overflowing liquid waste from the waste containers Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided		
5.10	The successful vendor shall keep the area behind of the equipment tidy and clean at all times. All wires and cables shall be properly covered using PVC trunk, flexible wire and		

NO.	SPECIFICATIONS AND REQUIREMENTS		
	cable cover or equivalent that is acceptable to the laboratory.		
6.0	MISCELLANEOUS		
	NIL		
7.0	LITERATURE		
7.1	To supply one (1) CD or one (1) set of hard copy of the Operating Manual and Service Manual including circuit diagrams of the equipment shall be provided upon commissioning.		
7.2	To supply the laboratory with one (1) set of Material Safety Data Sheet (MSDS)		
7.3	To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance		
8.0	TRAINING		
	Training shall be provided, at no additional cost, as follows:		
8.1	On-site training for ALL staff members expected to handle the machine. Please ensure that adequate time is allocated such that training will take place in small groups to minimize staff shortage in the laboratory.		
8.2	Certificate of competence is to be issued to all trainees after completion of training.		
	The successful tenderer needs to ensure the key users are updated on any relevant information related to the laboratory testing. They shall provide ONE off-site training for two (2) key users.		
8.3	All expenses for attending the training shall be borne by the vendor; full registration, air ticket, daily allowance, accommodation, transport to and from the airport and place of training. Training may be in the form of operator's training, workshop, congress, international conference including 3 rd -party conference, or other forms of training that is deemed appropriate and relevant.		
8.4	Inviting speakers from overseas to give talks or presentations to the users on topics related to the laboratory testing as part of users' continuous education. Certificate of attendance is to be issued to all trainees after completion of training.		
9	FINANCIAL AGREEMENT		
9.1	A rental agreement is required over a period of three (3) years for the provision of the reagent kits as per estimated total costs for this contract. However contract agreement shall be terminated when total expenditures of supplies exceed the estimated total costs regardless of three (3) years contract.		
9.2	Supply of the test kit including reagents, consumables and accessories is based on the number of kits required in the Purchase Order according to an agreed schedule period.		
9.3	Buffer stock of the test kit including reagents, consumables and accessories should be available at the local representative as contingency.		
9.4	The equipment supplied should include reagents, consumables, calibrators, maintenance record sheet, maintenance cleaning kit and quality control for initially setting up of the instruments.		
9.5	Should there be any discontinuity of reagents due to non-compliance in the manufacturing of reagents; the vendor must be able to provide an alternative so that the test requests are still available for the customers.		
9.6	All costs incurred for the supply and delivery of test kit including reagents, consumables and accessories, equipment and other accessories required by the tender will be borne by the successful vendor.		
9.7	 EXIT CLAUSE: The tender contract shall be automatically terminated even though tender has not yet expired and this shall be in effect due to, but not limited to, the following: 1. When the testing is no longer required or relevant i.e. test is obsolete, to the laboratory or department. 2. When the item(s) set out in this tender is/are no longer required by the laboratory or the Department. 3. When the approved budget allocation for this tender contract has been used up before 		

NO.	SPECIFICATIONS AND REQUIREMENTS		
	the tender contract expires whereby a renewal of tender shall be submitted by the user for an open advertisement subject to approval by the Mini Tender Board (<i>Lembaga Tawaran Kecil</i>).		
10	DELIVERY PERIOD: Preferably 4 – 8 weeks and no later than 12 weeks after issue of Purchase Order		
11	PRICE VALIDITY: The quotation shall remain valid for 12 MONTHS from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period. The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s).		

 $^{^{\}star}$ 6 months validity required for <\$50K or 12 months for >\$50K

NO.	GENERAL SPECIFICATIONS
Α	Model & Brand
В	Country of Origin
С	Total Price Per Test (CIF): B\$
D	Price Ranking:
E	Where marketed
F	Year of Manufacture
G	Warranty:
Н	Delivery Time:
I	Power Requirements:
J	Battery Back-up:
K	International Safety Standard:
L	Technical Support:
M	Equipment Whole Life Support
N	Dimensions (WxHxD) cm:
0	Weight (kg):
Р	User Manuals
Q	Service Manuals
R	Spare-parts & Consumables Listing
S	Technical Training On-Site:
Т	Site Requirements:

^{*}To all participating companies, please fill in the table above along with your other documents during submission of tender.

DELIVERY PERIOD AFTER PO ISSUED	Preferably 4-8 weeks and no longer than 12 weeks		
Lab/Section/Unit	NATIONAL HISTOLOGY AND CYTOLOGY REFERENCE		
Lab/Section/Offit	LABORATORY & MORTUARY SERVICES (Histology Laboratory)		
Lab/Section/Unit Ref No.:	DLS/PU/HIS/2025/A50K/01		
	Name : Kho Chang Wei		
Person to Contact	E-mail : wei.khochang@moh.gov.bn		
	Tel. No. : 2242424 ext.3019	Fax No.: 2220869	
FOR ADMINISTRATION USE ONLY			
PPM/PROC Ref. No.	PPM/PROC/2025/>50k/005(HCM)		
Advertisement Ref. No.		Date :	

SECTION 3

FORMS TO BE USED

CONTENTS

SCHEDULE 1 - TENDER FORM

SCHEDULE 2 - INFORMATION SUMMARY

SCHEDULE 3 - SUB-CONTRACTS

SCHEDULE 4 - COMPANY BACKGROUND

SCHEDULE 5 - REFERENCES

SCHEDULE 6 - LETTER OF DECLARATION

SCHEDULE 1

TENDER FORM

To:

TENDER REFERENCE NO: KK/226/2025/LAB(TC)

INVITATION TO TENDER

TO SUPPLY AND DELIVER LABORATORY CONSUMABLES FOR TISSUE PROCESSING AND MICROTOMY WITH EQUIPMENT RENTAL FOR NATIONAL HISTOLOGY AND CYTOLOGY REFERENCE LABORATORY & MORTUARY SERVICES (HISTOLOGY LABORATORY), DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF THREE (3) YEARS USAGE

	USER'S REQUIREMENTS			VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
1	NEUTRAL BUFFERED FORMALIN 10% (10% NEUTRAL BUFFERED FORMALIN) Premixed, 5Litre capacity, ready to use Phosphate buffers are between, used to stabilize the PH 6.8 and 7.2 Stringent quality control ensures a formalin concentration of 10%	5L/BOTTLE	100 BOTTLES						

	USER'S REQUIREMENTS			VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	 Stable to freezing temperature 								
2	ETHANOL (Or equivalent dehydrant 100%) reagents alcohol 100% 5Litre capacity Can also be used as a dye or stain solvent	5L/BOTTLE	100 BOTTLES						
3	■ 5Litre capacity ■ Superior lipid extraction, optimal paraffin infiltration and excellent deparaffinization and clearing during staining ■ Contains lowest level of benzene, known carcinogens	5L/BOTTLE	100 BOTTLES						
4	PARAPLAST WAX (PARAPLAST REGULAR) Made of paraffin and plastic polymers Packaged in an easy-to-open, resealable bags Delivers excellent	PER KG	200KG						

	USER'S REQUIREMENTS		VENDOR'S OFFER						
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	processing and infiltration Yields thin, flat, wrinkle-free sections Packaging per 1kg bag								
5	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) WHITE: 34,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fluid exchange and proper drainage Secure & relockable lids without danger of specimen loss Large labelling areas	1,000 PCS/PACK (OR EQUIVALENT)	34,000 PCS						

	USER'S REQ	UIREMENTS			VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)	
	on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers									
6	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) GREEN: 1,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable lids without danger of specimen loss	1,000 PCS/PACK (OR EQUIVALENT)	1,000 PCS							

	USER'S REQ	UIREMENTS		VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	 Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers 								
7	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) BLUE: 2,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable lids without danger of	1,000 PCS/PACK (OR EQUIVALENT)	2,000 PCS						

	USER'S REQ	UIREMENTS		VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers								
8	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) YELLOW: 3,000 PCS Dimension: 42 x 28 x 6 mm Made from special high-density Acetyl Polymer Totally resistant to most histological solvents, including xylene Slotted with about 224 holes of approx. 1.0 x 1.0mm each to allow maximum flow through for good fuid exchange and proper drainage Secure & relockable	1,000 PCS/PACK (OR EQUIVALENT)	3,000 PCS						

	USER'S REQ	UIREMENTS		VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	lids without danger of specimen loss Large labelling areas on three sides of cassette, textured surface writing area 45 degrees Suitable with most pencils and most automatic cassette labellers								
9	DISPOSABLE MICROTOME BLADE (LOW PROFILE) Feather s-35 or equivalent Blade has steel hardening technology that delivers longetivity and instantaneous & continous ribboning 50 pcs/pack or equivalent	50PCS/ PACK	25 PACKS						
10	DISPOSABLE MICROTOME BLADE (HIGH PROFILE) Blade angle 34° or equivalent Feather or equivalent Blade has a steel hardening technology	50 PCS/ PACK	25 PACKS						

	USER'S REQUIREMENTS			VENDOR'S OFFER					
NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/ CATALOGUE NUMBER AND BRAND	PACKAGING SIZE	TOTAL QUANTITY OFFERED / YEAR	*COST PER UNIT (B\$)	TOTAL COSTS (B\$)
	that delivers longevity and instantaneous & continous ribboning 50 pcs/pack or equivalent								
	TOTAL PRICE PER YEAR (B\$)								
	TOTAL PRICE FOR THREE (3) YEARS (B\$)								

^{*}Cost per test should include the kit, control, calibrator and accessories/consumables required to run the test.

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
1.0	PROVISION OF EQUIPMENT	
1.1	 Two (2) rental units automated and enclosed tissue processor with included battery back-up power Two (2) rental units rotary microtome comes with histology tissue universal cassette holder as well as blade holder suitable for low profile as well as high profile microtome blades The equipments to be installed at the National Histology and Cytology Reference Laboratory, Central State Laboratory Building 	
2.0	EQUIPMENT SPECIFICATION	
2.1	Tissue Processor	
	 222 cassette capacity (300 possible in random baskets) 	
	Circular chamber design with continuous agitation	
	Quality of first reagent alcohol automatically monitored	
	Reaction chamber viewing window	
	Potassium permanganate and charcoal filters included	
	Battery back-up with up to four hours operation	
	 Newly developed intuitive control software 	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	Clear and easy to read touch screen interface	
	Customizable programs for processing and flushing	
	Three distinct fill levels in processing chamber	
	Automated in-process reagent rotation	
	Downdraft ventilation system built-in	
	Suitable for Xylene-free processing	
	Remote alarms and LIMS interfacing capable	
	Comes with necessary tools and accessories, and operators guide	
2.2	Rotary Microtome	
	High stability and precision design manufacture	
	■ Two quick trim stages (10 micrometres and 30 micrometres) independent from preset section thickness	
	Able to accurately and repeatedly cut sections from 0.5-60 micrometres	
	X/Y fine orientation with reproducible zero positioning	
	Manual coarse feed wheel	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	Specimen retraction capable	
	 Long stroke length (64mm) capable of high quality sectioning of Macro/SuperMega cassettes 	
	 Unique section thickness setting with removable knobs allowing operation for both right and left hands 	
	Large removable section waste tray covering the entire working area	
	 Includes cassette clamp capable of holding histological tissue cassettes sized 42 x 28 x 6mm size for sectioning 	
	 Includes microtome blade holder with quick-clamp system capable of holding low-profile and high-profile microtome blades for sectioning, with clearance angle adjustment 	
	 Microtome blade clamping plate should be able to move laterally without needing to unclamp the blade. 	
	 Comes with standard tools, brushed aluminium cover plate, dust cover and operators guide. 	
3.0	TECHNICAL SPECIFICATIONS	
3.1	Tissue Processor	
	■ Dimensions approx. 580mm (D) x 710mm(W) x 1600mm (H)	
	 Weight approx. 112kg empty/ 200kg full 	
	Power supply voltage 100-240VAC	
	■ Frequency 50-60 Hz	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	Power 900VA (maximum); 200VA (Typical)	
	Connections Serial RS232 (LIMS); RJ45 (Netmon)	
	 Certifications UL; CSA; IVD; Compliant with 21CFR part 11 	
3.2	Rotary Microtome	
	Dimensions approx. 490mm (D) x 420mm (W) x 280mm (H)	
	■ Weight 23kg approx.	
	Horizontal feed range: 28mm	
	Section thickness range: 0.5-60mm	
	Mechanical trim stages: 10/30mm	
	Retraction: 60mm	
4.0	SERVICE AND AFTER SALES SUPPORT	
4.1	All reagent test kits / consumables supplied throughout this tender shall have a minimum expiry date of eight (8) months on delivery. Should the reagent or consumable be urgently needed, provision of a reagent test kit or consumable with expiry date of less than eight (8) months should be first agreed by the User of the particular laboratory before delivery is made.	
4.2	All periodic maintenance and the necessary consumables, as recommended by the manufacturer, must be included.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
4.3	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than eight (8) months and vendor shall declare in the LOU that unused, unopened, expired kits will be replaced accordingly. For items which are known to have short expiry date such as those containing red blood cells, list down all such items and vendor shall declare in this tender submission of such items and shall be exempted from submitting LOU upon delivery.	
4.4	Staggered delivery every 3 months period directly to the User.	
4.5	User shall have the rights to refuse delivery of items that do not meet the acceptance criteria such as, but not limited to, the following: 1. Tampered or damaged box 2. Leakage upon delivery 3. Items stored pre-delivery not in accordance to manufacturer's instructions 4. Expiry date not meeting requirement	
4.6	User shall have the rights to return any items, and to be replaced at no extra cost, if found not meeting the acceptance criteria upon opening a pack such as, but not limited to, the following: 1. Tampered or damaged packaging 2. Evident of leakage or damaged products 3. Expired products that are evidently less than the requirement mentioned in para 4.1 calculated from delivery date 4. Leakage upon delivery	
4.7	Please supply details of the arrangement for 24-hour service support. There should preferably be remote diagnostic facility available. This should include the number of engineers and application specialist, their qualification/training with the system, response time during office hours, after office hours, weekdays and weekends.	
4.8	The supplier SHALL be responsible for the preventive maintenance (Weekly, Monthly, and Quarterly as needed) and breakdown maintenance of the equipments. Any breakdown should be quickly attended to within 3 hours.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
4.9	A copy of service report must be submitted to the laboratory whenever service work is done on the instrument.	
4.10	Spare parts SHALL be supplied by the supplier should any replacement is required during preventive and breakdown maintenance.	
4.11	Vendor shall aid the user with verification of a comprehensive methods performance for all of the tests listed above including (where applicable), but not limited to: precision, accuracy, linearity, sensitivity, specificity, carryover, limit of detection or as required by the User depending on the nature of testing. Report of the verification study shall be submitted to the User for approval by the Director of Laboratory Services.	
4.12	In the event of test results cannot be produced due to equipment failure or unavailable reagent supplies within the specified turnaround time, the vendor shall arrange and bear all costs for analysis of tests to an accredited laboratory (ISO 15189).	
5.0	ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS	
5.1	The system shall occupy space not more than the present system in the laboratory. If any renovation (electrical and/or environmental) is required, costs shall be borne by Vendor.	
5.2	Should any renovation be required, Vendor shall comply with the Ministry's procedure for infection control risk assessment (ICRA), implementation and monitoring as set out in the document titled Construction and/or Renovation, Maintenance, Repair and Demolition in the Health Care Setting.	
5.3	Power and water requirements: No or low water consumption. If water is required, state how much and what purity, with provision of water purification system included. Please provide specification for power requirement. All costs for installing electrical and water requirements shall be borne by the Vendor. All the electrical wires shall be covered with PVC trunk properly for safety precautions.	
5.4	Electrical Safety – Vendor shall test for and maintain the electrical safety of all equipment and accessory devices installed throughout their usage period. This include conducting electrical safety testing upon installation & during preventive maintenance (at least every six (6) months) using	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	calibrated device. Electrical safety testing report shall be submitted to the laboratory for acceptance.	
5.5	Temperature and humidity requirement: preferably 22 $-$ 28 $^{\circ}\text{C}$ and up to 80% relative humidity.	
5.6	Floor area and drainage requirements: preferably adaptable to present facilities.	
5.7	Heat and noise generation: preferably less than 7,000 BTU per unit and ≤ 65 dBA at the front of the unit while at full operation.	
5.8	Low generation of hazardous chemical or biological waste.	
5.9	If biological liquid waste is generated, the supplier shall provide the following for suitable waste containers; i. Two waste containers shall be capped, have an inlet and outlet, easy to handle and do not hold more than 15L of liquid waste ii. When the production of waste liquid is more than 15L/day, a direct waste pipe shall be installed. A pre-dilution container shall be provided with easy access to add disinfectant and dispose of waste liquid. A preventive pipe shall be installed to prevent overflowing liquid waste from the waste containers Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided The successful vendor shall keep the area behind of the equipment tidy and clean at all times. All wires and cables shall be properly covered using	
0.10	PVC trunk, flexible wire and cable cover or equivalent that is acceptable to the laboratory.	
6.0	MISCELLANEOUS	
	NIL	
7.0	LITERATURE	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
7.1	To supply one (1) CD or one (1) set of hard copy of the Operating Manual and Service Manual including circuit diagrams of the equipment shall be provided upon commissioning.	
7.2	To supply the laboratory with one (1) set of Material Safety Data Sheet (MSDS)	
7.3	To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance	
8.0	TRAINING	
	Training shall be provided, at no additional cost, as follows:	
8.1	On-site training for ALL staff members expected to handle the machine. Please ensure that adequate time is allocated such that training will take place in small groups to minimize staff shortage in the laboratory.	
8.2	Certificate of competence is to be issued to all trainees after completion of training.	
8.3	The successful tenderer needs to ensure the key users are updated on any relevant information related to the laboratory testing. They shall provide ONE off-site training for two (2) key users. All expenses for attending the training shall be borne by the vendor; full registration, air ticket, daily allowance, accommodation, transport to and from the airport and place of training. Training may be in the form of operator's training, workshop, congress, international conference including 3 rd -party conference, or other forms of training that is deemed appropriate and relevant. Inviting speakers from overseas to give talks or presentations to the users	
8.4	on topics related to the laboratory testing as part of users' continuous education. Certificate of attendance is to be issued to all trainees after completion of training.	
9	FINANCIAL AGREEMENT	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
9.1	A rental agreement is required over a period of three (3) years for the provision of the reagent kits as per estimated total costs for this contract. However contract agreement shall be terminated when total expenditures of supplies exceed the estimated total costs regardless of three (3) years contract.	
9.2	Supply of the test kit including reagents, consumables and accessories is based on the number of kits required in the Purchase Order according to an agreed schedule period.	
9.3	Buffer stock of the test kit including reagents, consumables and accessories should be available at the local representative as contingency.	
9.4	The equipment supplied should include reagents, consumables, calibrators, maintenance record sheet, maintenance cleaning kit and quality control for initially setting up of the instruments.	
9.5	Should there be any discontinuity of reagents due to non-compliance in the manufacturing of reagents; the vendor must be able to provide an alternative so that the test requests are still available for the customers.	
9.6	All costs incurred for the supply and delivery of test kit including reagents, consumables and accessories, equipment and other accessories required by the tender will be borne by the successful vendor.	
9.7	 EXIT CLAUSE: The tender contract shall be automatically terminated even though tender has not yet expired and this shall be in effect due to, but not limited to, the following: When the testing is no longer required or relevant i.e. test is obsolete, to the laboratory or department. When the item(s) set out in this tender is/are no longer required by the laboratory or the Department. When the approved budget allocation for this tender contract has been used up before the tender contract expires whereby a renewal of tender shall be submitted by the user for an open advertisement subject to approval by the Mini Tender Board (Lembaga Tawaran Kecil). 	
10	DELIVERY PERIOD: Preferably 4 – 8 weeks and no later than 12 weeks after issue of Purchase Order	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
11	PRICE VALIDITY: The quotation shall remain valid for 12 MONTHS from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period. The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s).	

NO.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
Α	Model & Brand	
В	Country of Origin	
С	Total Price Per Test (CIF): B\$	
D	Price Ranking:	(leave blank)
E	Where marketed	
F	Year of Manufacture	
G	Warranty:	
н	Delivery Time:	
I	Power Requirements:	
J	Battery Back-up:	
K	International Safety Standard:	
L	Technical Support:	
М	Equipment Whole Life Support	
N	Dimensions (WxHxD) cm:	
0	Weight (kg):	
Р	User Manuals	
Q	Service Manuals	
R	Spare-parts & Consumables Listing	
S	Technical Training On-Site:	
Т	Site Requirements:	

^{*}To all participating companies, please fill in the table above along with your other documents during submission of tender.

- 1. We offer and undertake on your acceptance of our Tender to supply and deliver the above mentioned goods in accordance with your Invitation To Tender.
- 2. Our Tender is fully consistent with and does not contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.
- 3. We shall execute a formal agreement in the appropriate form set out in Section 4 Contract of the Invitation to Tender together with such further terms and conditions, if any, agreed between the Government and us.
- 4. OUR OFFER IS VALID FOR <u>TWELVE (12)</u> CALENDER MONTHS FROM THE TENDER CLOSING DATE.
- 5. When requested by you, we shall extend the validity of this offer.
- 6. We further undertake to give you any further information which you may require.

Dated this	day of	, 20
[Signature of authorised office Name: Designation:	cer of Tenderer]	Tenderer's official stamp:

SCHEDULE 2 - INFORMATION SUMMARY

- 2.1 Tenderers shall provide in this Schedule the following information:
 - a. Management summary
 - b. Company profile (including Contractor and sub-contractor(s), if any)
 - c. Years of experience (as of the Tender Closing Date) of the Contractor and sub-contractor(s) in the:
 - Supply & Delivery Of Laboratory Equipment, Test Kits and Consumables.
 - d. Other information which is considered relevant

SCHEDULE 3 – SUB-CONTRACTS

- 3.1 Tenderers shall complete Table 3.1 with information about all the companies involved in the provision of the services and items specified in this tender. This shall include details about the Contractor and each sub-contractor involved, as well as their respective responsibilities.
- 3.2 Tenderers shall also indicate in Table 3.1 any alliance relationship established with each subcontractor. An alliance is defined as a formal and binding business relationship between the allied parties.

Table 3.1 - Responsibility Table

		Alliance Relationship between Contractor and Sub-contractor(s)		
Company Name	Responsibility Description	Alliance Exists? (Y/N)	Date Established	Alliance Description
Contractor				
		Not Applicable	Not Applicable	Not Applicable
Sub-contractor(s)				

SCHEDULE 4 - COMPANY'S BACKGROUND

4.1	Each of the companies involved in this tender, including Contractor and sub-contractor(s) (if
	any), shall provide information on the company's background, scope of operations, financial
	standing and certified copy of its Certificate of Incorporation or Certificate of Registration (as
	the case may be).

SCHEDULE 5 - REFERENCES

5.1 Tenderers shall submit a list of customers in Table 5.1 to whom the Contractor has provided similar services and items as specified in this tender in the recent 5 years as of the Tender Closing Date.

Table 5.1 References of previous customers

Customer Type (Govt or Quasi Govt)*	Contact Person	Title	Contact Number, Fax Number and E-mail Address
	(Govt or Quasi	(Govt or Quasi	(Govt or Quasi Borgen Title

*Note: Tenderers shall indicate whether the customer is a Government or Quasi Government organisation. A Quasi Government is defined as an organisation which (1) is managed and controlled by the Government; or (2) has at least 50% shares being held by the Government. Please leave the column blank if the customer is neither a Government or Quasi Government organisation.

- 5.2 The Ministry of Health shall treat all the information submitted under this schedule in strict confidence.
- 5.3 The Ministry of Health reserves the right to contact the references for tender assessment purposes.

SCHEDULE 6 - SUBMISSION OF SAMPLE

- 6.1 Tenderers shall submit the Submission of Sample form below in respect of the items specified in this tender.
- 6.2 Samples of the items to be submitted shall be:
 - a) identical in packing and manufacture to the items to be offered by the Tenderer; and
 - b) marked with the corresponding item number of the tender.

SUBMISSION OF SAMPLE FORM

To:

TENDER REFERENCE NO: KK/226/2025/LAB(TC)

INVITATION TO TENDER

TO SUPPLY AND DELIVER LABORATORY CONSUMABLES FOR TISSUE PROCESSING AND MICROTOMY WITH EQUIPMENT RENTAL FOR NATIONAL HISTOLOGY AND CYTOLOGY REFERENCE LABORATORY & MORTUARY SERVICES (HISTOLOGY LABORATORY), DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF THREE (3) YEARS USAGE

SUBMISSION OF SAMPLE FORM OF (NAME OF TENDERER)

NO.	TEST/REAGENT NAME	SAMPLE SUBMITTED (indicate with ✓)	SAMPLE NOT SUBMITTED (indicate with ×)	OFFERED/ NOT OFFERED (indicate as appropriate)
1	NEUTRAL BUFFERED FORMALIN 10% (10% NEUTRAL BUFFERED FORMALIN)			
2	ETHANOL			
3	XYLENE			
4	PARAPLAST WAX			
5	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) WHITE: 34,000 PCS			
6	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) GREEN: 1,000 PCS			
7	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) BLUE: 2,000 PCS			
8	TISSUE EMBEDDING CASSETTES WITH LIDS (PACKAGED SEPARATELY) YELLOW: 3,000 PCS			
9	DISPOSABLE MICROTOME BLADE (LOW PROFILE)			
10	DISPOSABLE MICROTOME BLADE (HIGH PROFILE)			

We understand as s considered.	tated in the Instructions to Tenderers t	that Tenders without samples shall not be
Name:	zed officer of Tenderer]	Tenderer's official stamp:
Designation:		
Date:		
	FOR OFFICE USE	Ē
Date of receipt	:	
Receiving Officer		