TENDER REF. NO.: KK/175/2026/LAB(TC)

MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM

TO SUPPLY AND DELIVER LABORATORY TEST KIT (NUCLEIC ACID AMPLIFICATION TESTING (NAT) WITH EQUIPMENT RENTAL FOR BLOOD DONOR SCREENING LABORATORY, BLOOD DONATION CENTRE, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF FIVE (5) YEARS USAGE

TENDER FEE : $1,000.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 18th August 2026

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/175/2026/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER LABORATOTY TEST KIT FOR NUCLEIC ACID AMPLIFICATION TESTING (NAT) WITH EQUIPMENT RENTAL FOR BLOOD DONOR SCREENING LABORATORY, BLOOD DONATION CENTRE, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF FIVE (5) YEARS USAGE

DELIVERY PERIOD AFTER PO ISSUED	**PREFERABLY 4-8 WEEKS AND NO LONGER THAN 12 WEEKS**

1.0 SUPPLY OF REAGENTS

1.1 To supply reagents and associated consumables (calibrators, controls, accessories and consumables) for the tests listed below.

TABLE 1: SUMMARY OF UNIT PRICE OF REAGENT KIT
(To be completed by Vendor for submission)

	USER'S REQUIREMENTS		
NO	**ITEM DESCRIPTIONS AND SPECIFICATIONS**	**PACKAGING SIZE**	**TOTAL ESTIMATE USAGE / YEAR**
1	**NUCLEIC ACID AMPLIFICATION TESTS REAGENTS**	**480 TESTS / KIT or equivalent**	**20,000 TESTS**

***Cost per test should include the required kit, control, calibrator, accessories/consumables and all other costs incurred in this contract to run the test.**

TABLE 2: LIST OF REAGENT KITS, CONTROLS, CALIBRATORS AND ACCESSORIES/CONSUMABLES
(To be completed by Vendor for submission)

NO.	**ITEM DESCRIPTIONS (Reagent kits, Controls/ Calibrators and Accessories/Consumables)**	**TOTAL QUANTITY OFFERED PER YEAR**
1		
2		
3		

NO.	SPECIFICATIONS AND REQUIREMENTS
2.0	**PROVISION OF EQUIPMENT**
2.1	Supply, deliver, install and commission two (2) brand new rental units of a fully integrated standalone walk-away automated system analyser for the detection of HBV DNA, HCV RNA and HIV RNA using nucleic acid amplification technology (NAT) on plasma or serum samples obtained from blood donors in order to measurably improve blood safety. One (1) of the units shall act as a backup in the event of equipment breakdown and may be used in the expansion of other laboratory disciplines in clinically relevant and fully comprehensive IVD assays which includes: a. WNV, DPX (parvovirus B19 (B19V) and HAV), HEV, Zika and CHIKV/DENV. b. Infectious Diseases: HIV-1, HBV, HCV and HIV-1/2 Qual c. Sexual Health: HPV, CT/NG and TV/MG. d. Respiratory: MTB and MAI e. Antimicrobial stewardship: MTB-RIF/INH Backup is particularly important for all aspects of the system. The proposed analyzer should be provided with backup instruments and should be able to perform the same test parameters. It would be preferred that the analyzer and the system would be provided at least in duplicate.
2.2	Each rental analyzer shall be provided with an uninterrupted power supply (UPS) that can support the analyzer until the system is fully and properly shut down during power failures. Please state how long the UPS will support the analyzer/system while operating at full capacity.
2.3	Fully describe the specifications of the analyzer being offered and the component parts including printer. Please also provide a list of the current users in the region.
2.4	Prior to the laboratory acceptance of the analyser, the vendor shall assist user in full method performance verification as required by ISO 15189 standards requirement and to provide a comprehensive report of the performance verification. All the necessary costs shall be borne by the vendor.
2.5	Vendor shall provide an appropriate storage double-door fridge and single-door freezer acceptable to the user to store the reagents, controls, calibrators, etc which are required for use in the offered system. The storage equipment specifications shall follow the recommendations by manufacturer of the system. Temperature range for fridge shall include 2-8^{o}C while freezer shall be able to reach -40^{o}C.
2.6	Vendor shall provide an appropriate centrifuge acceptable to the user to be used for sample preparation and shall have a minimum capacity of 76 sample tubes with size 16mm (D) x 100mm (L). Centrifuge speed shall be able to reach 3,500 RCF.
2.7	Vendor shall provide a semi-automated or an automated decapper to be used for sample preparation.
3.0	**EQUIPMENT SPECIFICATION**
3.1	The supplied equipment shall be fully integrated walk-away automated system with minimum hands-on preparation designed to be used in a general laboratory.
3.2	All equipment and components of the system shall be of the latest version and compatible hardware and software designed specifically to perform NAT assays within a blood bank environment. During the period of contract, vendor shall upgrade any hardware and software to the latest version when it becomes available at no additional costs.
3.3	The system shall preferably perform nucleic acid extraction, amplification and detection within the technology claim and without hidden cost to the laboratory.
3.4	If samples require pooling, the pooling shall not exceed 6 individual samples and validated documentation shall be provided to show that sensitivity for detection of all three viral agents is not compromised as a result of pooling
3.5	In addition, if pooling of samples is required, validated documentation shall be provided to show that the turnaround time shall not be compromised due to requirements for sample resolution.
3.6	All equipment for reagent preparation, pooling (if required), nucleic acid extraction and detection shall be fully provided by the vendor

NO.	SPECIFICATIONS AND REQUIREMENTS
3.7	All tests necessary for discriminatory testing in the event of a positive sample shall be provided by the vendor at no additional costs.
3.8	For individual sample, all tests shall be detected and discriminated simultaneously.
3.9	The system shall be designed with intuitive, user-friendly software and should provide both visual and audio assistance through its task-driven interface.
3.10	Real-time inventory supply updates and status messages should be available throughout the day
3.11	The system shall provide the documents for scheduled and automated maintenance in this tender.
3.12	The system should have clot, sample level and haemolysis detection.
3.13	The system should have onboard maintenance log and alerts for overdue maintenance.
3.14	The system should be CE mark certified, FDA approved, or has a comparable verification or certification.
3.15	The system should have an on-board storage and refrigeration system to improve productivity and maintaining inventory of reagent cassette, control cassette and consumables.
3.16	The system should have a minimal user interaction and maximize walk-away time: 1. Three simple user interaction including load/unload samples, test reagent and consumables, waste removal and reviewing and release result 2. Extended walkaway time period of 8 hour with time to first result being less than 3.5 hours
3.17	Vendor shall be responsible in providing printer, toners/ cartridges/ ink for the system uses for the whole duration of the contract with no additional costs.
4.0	**TECHNICAL SPECIFICATIONS**
4.1	**Main System** The System shall: 4.1.1 include a large color touch screen with user friendly interface and rapid access to all menus and virtual keyboard and it should be protected by an un-interrupted power supply (UPS). Please state how long the UPS will support the system while operational. 4.1.2 be easily upgraded when necessary and can expand its test menu. 4.1.3 have an onboard trouble-shooting guide. 4.1.4 have onboard QC software. 4.1.5 have onboard maintenance log and alerts for overdue maintenance. List details on daily and preventative maintenance including time required to perform the maintenance and to restart analysis. 4.1.6 have user profile management with different access levels. 4.1.7 have flexible data exchange for test results and quality control 4.1.8 be able to be connected to network and peripherals such as printer 4.1.9 have a USB connection for easy archiving of tests and QC results. 4.1.10 have a colour touch screen that should be easily read and interpreted and all the parameters can be easily controlled from the main screen. 4.1.11 have an automatic monitoring of daily maintenance and operational alerts with real-time instrument status help messages.
4.2	**Reagent System** 4.2.1 Reagents shall be barcoded. 4.2.2 Reagents shall be ready-to-use or require minimal preparation. If preparation is required, please describe the process and state if supplementary equipment is required. Should there be any requirement for additional equipment, all cost shall be borne by the vendor including preventive maintenance of these equipments. 4.2.3 The system shall have an onboard reagent inventory which is updated in real-time.
4.3	**Sampling System** 4.3.1 Primary tube sampling shall be compatible with the present tubes currently in use. Please list tube types, size and dead volume and also limitations, if any, to the type of

NO.	SPECIFICATIONS AND REQUIREMENTS
	tube that can be used routinely e.g. Brand or size. 4.3.2 Sample access should have the capability to perform tests on open tubes 4.3.3 Positive sample identification with integrated barcode reader is required 4.3.4 The system shall be capable of completely processing and generating results to a minimum of 250 individual samples in individual donor tubes for primary screening within 8 hours period. 4.3.5 The first results should be available within four (4) hours after commencing sample processing on the NAT system and subsequent results should be released at an average rate of one (1) minute per results.
4.4	**Interfacing** 4.4.1 The system shall be capable of bidirectional communication via serial port and network connections. 4.4.2 The system shall be interfaced with the existing Brunei Health Information Management System (BruHIMS) to receive requests and send results. All interfacing costs shall be borne by the vendor.
5.0	**SERVICE AND AFTER SALES SUPPORT**
5.1	All reagent test kits / consumables supplied throughout this tender shall have a minimum expiry date of **six (6) 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 six (6) months should be first agreed by the User of the particular laboratory before delivery is made.
5.2	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than six (6) 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.
5.3	Staggered delivery every 3 months period directly to the User.
5.4	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
5.5	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
5.6	Vendor shall, if applicable, submit samples of the offered items directly to the Users no later than 7 days after the Closing Date of this advertisement or as required by the Users.
5.7	Please supply details of the arrangement for 24-hour service support. 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.
5.8	The vendor shall be responsible for the preventive maintenance (Weekly, Monthly, and Quarterly, and/or Six-monthly as needed) and breakdown maintenance of the analyzers and all other equipment provisioned in this tender (as specified in 2.1, 2.5, 2.6 and 2.7). Any breakdown must be quickly attended to within 2 hours.
5.9	A copy of service report must be submitted to the laboratory whenever service work is done on the instrument.
5.10	Spare parts SHALL be supplied by the supplier should any replacement is required during preventive and breakdown maintenance.

NO.	SPECIFICATIONS AND REQUIREMENTS
5.11	Vendor shall aid the user with verification of a comprehensive methods performance for all of the tests listed above including, 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.
5.12	The vendor shall ensure uptime of the instrument at all times. In the event that downtime occurs on the instrument due to scheduled maintenance or unexpected breakdown or unavailable reagent supplies, the vendor shall make appropriate arrangements for tests to be performed on an alternative instrument without disruption of turnaround time or the vendor shall arrange and bear all costs for analysis of tests to an accredited laboratory (ISO 15189). All costs for alternative arrangements shall be borne by the vendor.
5.13	Further to 5.12, in the event that invalid results or invalid QC occurs, vendor shall perform corrective maintenance. Vendor shall re-run testing on affected samples once instrument is ready and shall ensure that valid results and QC are produced in the following test run. This applies to any time of the day and any day of the week. Vendor shall also replace any reagents, consumables and QC used up for any invalid results or invalid QC produced.
5.14	Vendor shall perform annual calibration, i.e. speed check and time check on the centrifuge and temperature check of fridge and freezer, using calibrated equipment. Valid calibration certificate shall be provided with the service report.
6.0	**ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS**
6.1	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.
6.2	Should any renovation is 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.
6.3	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.
6.4	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.
6.5	Temperature and humidity requirement: preferably 22 – 28 ^{o}C and up to 80% relative humidity.
6.6	Floor area and drainage requirements: preferably adaptable to present facilities.
6.7	Heat and noise generation: shall comply with international standards, WHO standards or equivalent.
6.8	Low generation of hazardous chemical or biological waste. If biological liquid waste is generated, the supplier should 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. 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. iii. Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided. iv. Vendor is responsible in treating the hazardous biological waste in accordance to the local regulations. v. Assist user in the disposal of reagents and consumables when they are required to be disposed of.
6.9	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.
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 – FOR 5 YEARS TERM CONTRACT**
8.1	Training shall be provided, at no additional cost, as follows:
8.2	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.
8.3	Certificate of competence is to be issued to all trainees after completion of training.
8.4	The successful tenderer needs to ensure the key users are updated on the current or relevant information related to the system used. They should provide **ONE** off-site trainings for two (2) key users **PER YEAR** of contract. 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, and travel insurance. Training may be in the form of operator's training, workshop, congress, international conference including 3rd-party conference, or other forms of training that is deemed appropriate and relevant.
8.5	Successful tenderer shall invite speakers from overseas to give talks or presentations to our local users as part of user training.
9	**FINANCIAL AGREEMENT**
9.1	A rental agreement is required over a period of five (5) 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 five (5) 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 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*).

NO.	SPECIFICATIONS AND REQUIREMENTS
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 uotation 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).

* 6 months validity required for <$50K or 12 months for >$50K

NO.	GENERAL SPECIFICATIONS
A	Model & Brand
B	Country of Origin
C	Total Price Per Test (CIF): B$
D	Price Ranking:
E	Where marketed
F	Year of Manufacture
G	Warranty:
H	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:
O	Weight (kg):
P	User Manuals
Q	Service Manuals
R	Spare-parts & Consumables Listing
S	Technical Training On-Site:
T	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	BLOOD DONOR SCREENING LABORATORY/BLOOD DONATION CENTRE	
Lab/Section/Unit Ref No.:	**DLS/PU/ BDC/2026/02**	
Person to Contact	Name : Dyg Hjh Norhaliza binti Awg Hj Metasan	
	E-mail : norhaliza.metasan@moh.gov.bn	
	Tel. No. : 2242424 ext. 5762/6604	Fax No.: 2220869
FOR ADMINISTRATION USE ONLY		
PPM/PROC Ref. No.	PPM/PROC/2026/>50K/016(BDC)	
Advertisement Ref. No.		Date:

SECTION 3

FORMS TO BE USED

CONTENTS

SCHEDULE 1

TENDER FORM

To:

TENDER REFERENCE NO: KK/175/2026/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER LABORATOTY TEST KIT FOR NUCLEIC ACID AMPLIFICATION TESTING (NAT) WITH EQUIPMENT RENTAL FOR BLOOD DONOR SCREENING LABORATORY, BLOOD DONATION CENTRE, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF FIVE (5) YEARS USAGE

TENDER OF (*name of tenderer*) _____

Company/Business Registration No _____

Tender Closing Date _____

DELIVERY PERIOD	

1.0 SUPPLY OF REAGENTS

1.1 To supply reagents and associated consumables (calibrators, controls, accessories and consumables) for the tests listed below.

TABLE 1: SUMMARY OF UNIT PRICE OF REAGENT KIT
(To be completed by Vendor for submission)

	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	**NUCLEIC ACID AMPLIFICATION TESTS REAGENTS**	**480 TESTS / KIT or equivalent**	**20,000 TESTS**						

***Cost per test should include the required kit, control, calibrator, accessories/consumables and all other costs incurred in this contract to run the test.**

TABLE 2: LIST OF REAGENT KITS, CONTROLS, CALIBRATORS AND ACCESSORIES/CONSUMABLES
(To be completed by Vendor for submission)

NO.	ITEM DESCRIPTIONS (Reagent kits, Controls/ Calibrators and Accessories/Consumables)	TOTAL QUANTITY OFFERED PER YEAR
1		
2		
3		

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
2.0	**PROVISION OF EQUIPMENT**	
2.1	Supply, deliver, install and commission two (2) brand new rental units of a fully integrated standalone walk-away automated system analyser for the detection of HBV DNA, HCV RNA and HIV RNA using nucleic acid amplification technology (NAT) on plasma or serum samples obtained from blood donors in order to measurably improve blood safety. One (1) of the units shall act as a backup in the event of equipment breakdown and may be used in the expansion of other laboratory disciplines in clinically relevant and fully comprehensive IVD assays which includes: a. WNV, DPX (parvovirus B19 (B19V) and HAV), HEV, Zika and CHIKV/DENV. b. Infectious Diseases: HIV-1, HBV, HCV and HIV-1/2 Qual c. Sexual Health: HPV, CT/NG and TV/MG. d. Respiratory: MTB and MAI e. Antimicrobial stewardship: MTB-RIF/INH Backup is particularly important for all aspects of the system. The proposed analyzer should be provided with backup instruments and should be able to perform the same test parameters. It would be preferred that the analyzer and the system would be provided at least in duplicate.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
2.2	Each rental analyzer shall be provided with an uninterrupted power supply (UPS) that can support the analyzer until the system is fully and properly shut down during power failures. Please state how long the UPS will support the analyzer/system while operating at full capacity.	
2.3	Fully describe the specifications of the analyzer being offered and the component parts including printer. Please also provide a list of the current users in the region.	
2.4	Prior to the laboratory acceptance of the analyser, the vendor shall assist user in full method performance verification as required by ISO 15189 standards requirement and to provide a comprehensive report of the performance verification. All the necessary costs shall be borne by the vendor.	
2.5	Vendor shall provide an appropriate storage double-door fridge and single-door freezer acceptable to the user to store the reagents, controls, calibrators, etc which are required for use in the offered system. The storage equipment specifications shall follow the recommendations by manufacturer of the system. Temperature range for fridge shall include 2-8^{o}C while freezer shall be able to reach -40^{o}C.	
2.6	Vendor shall provide an appropriate centrifuge acceptable to the user to be used for sample preparation and shall have a minimum capacity of 76 sample tubes with size 16mm (D) x 100mm (L). Centrifuge speed shall be able to reach 3,500 RCF.	
2.7	Vendor shall provide a semi-automated or an automated decapper to be used for sample preparation.	
3.0	**EQUIPMENT SPECIFICATION**	
3.1	The supplied equipment shall be fully integrated walk-away automated system with minimum hands-on preparation designed to be used in a general laboratory.	
3.2	All equipment and components of the system shall be of the latest version and compatible hardware and software designed specifically to perform NAT assays within a blood bank environment. During the period of contract, vendor shall upgrade any hardware and software to the latest version when it becomes available at no additional costs.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
3.3	The system shall preferably perform nucleic acid extraction, amplification and detection within the technology claim and without hidden cost to the laboratory.	
3.4	If samples require pooling, the pooling shall not exceed 6 individual samples and validated documentation shall be provided to show that sensitivity for detection of all three viral agents is not compromised as a result of pooling	
3.5	In addition, if pooling of samples is required, validated documentation shall be provided to show that the turnaround time shall not be compromised due to requirements for sample resolution.	
3.6	All equipment for reagent preparation, pooling (if required), nucleic acid extraction and detection shall be fully provided by the vendor	
3.7	All tests necessary for discriminatory testing in the event of a positive sample shall be provided by the vendor at no additional costs.	
3.8	For individual sample, all tests shall be detected and discriminated simultaneously.	
3.9	The system shall be designed with intuitive, user-friendly software and should provide both visual and audio assistance through its task-driven interface.	
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3.11	The system shall provide the documents for scheduled and automated maintenance in this tender.	
3.12	The system should have clot, sample level and haemolysis detection.	
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3.14	The system should be CE mark certified, FDA approved, or has a comparable verification or certification.	
3.15	The system should have an on-board storage and refrigeration system to improve productivity and maintaining inventory of reagent cassette, control cassette and consumables.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
3.16	The system should have a minimal user interaction and maximize walk-away time: 1. Three simple user interaction including load/unload samples, test reagent and consumables, waste removal and reviewing and release result 2. Extended walkaway time period of 8 hour with time to first result being less than 3.5 hours	
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4.1	**Main System** The System shall: 4.1.1 include a large color touch screen with user friendly interface and rapid access to all menus and virtual keyboard and it should be protected by an un-interrupted power supply (UPS). Please state how long the UPS will support the system while operational. 4.1.2 be easily upgraded when necessary and can expand its test menu. 4.1.3 have an onboard trouble-shooting guide. 4.1.4 have onboard QC software. 4.1.5 have onboard maintenance log and alerts for overdue maintenance. List details on daily and preventative maintenance including time required to perform the maintenance and to restart analysis. 4.1.6 have user profile management with different access levels. 4.1.7 have flexible data exchange for test results and quality control 4.1.8 be able to be connected to network and peripherals such as printer 4.1.9 have a USB connection for easy archiving of tests and QC results. 4.1.10 have a colour touch screen that should be easily read and interpreted and all the parameters can be easily controlled from the main screen. 4.1.11 have an automatic monitoring of daily maintenance and operational alerts with real-time instrument status help messages.	
4.2	**Reagent System** 4.2.1 Reagents shall be barcoded. 4.2.2 Reagents shall be ready-to-use or require minimal preparation. If preparation is required, please describe the process and state if supplementary equipment is required. Should there be any requirement	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	for additional equipment, all cost shall be borne by the vendor including preventive maintenance of these equipments. 4.2.3 The system shall have an onboard reagent inventory which is updated in real-time.	
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4.4	**Interfacing** 4.4.1 The system shall be capable of bidirectional communication via serial port and network connections. 4.4.2 The system shall be interfaced with the existing Brunei Health Information Management System (BruHIMS) to receive requests and send results. All interfacing costs shall be borne by the vendor.	
5.0	**SERVICE AND AFTER SALES SUPPORT**	
5.1	All reagent test kits / consumables supplied throughout this tender shall have a minimum expiry date of **six (6) 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 six (6) months should be first agreed by the User of the particular laboratory before delivery is made.	
5.2	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than six (6) months and vendor shall declare in the LOU that unused, unopened, expired kits will be replaced	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	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.	
5.3	Staggered delivery every 3 months period directly to the User.	
5.4	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	
5.5	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	
5.6	Vendor shall, if applicable, submit samples of the offered items directly to the Users no later than 7 days after the Closing Date of this advertisement or as required by the Users.	
5.7	Please supply details of the arrangement for 24-hour service support. 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.	
5.8	The vendor shall be responsible for the preventive maintenance (Weekly, Monthly, and Quarterly, and/or Six-monthly as needed) and breakdown maintenance of the analyzers and all other equipment provisioned in this tender (as specified in 2.1, 2.5, 2.6 and 2.7). Any breakdown must be quickly attended to within 2 hours.	
5.9	A copy of service report must be submitted to the laboratory whenever service work is done on the instrument.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
5.10	Spare parts SHALL be supplied by the supplier should any replacement is required during preventive and breakdown maintenance.	
5.11	Vendor shall aid the user with verification of a comprehensive methods performance for all of the tests listed above including, 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.	
5.12	The vendor shall ensure uptime of the instrument at all times. In the event that downtime occurs on the instrument due to scheduled maintenance or unexpected breakdown or unavailable reagent supplies, the vendor shall make appropriate arrangements for tests to be performed on an alternative instrument without disruption of turnaround time or the vendor shall arrange and bear all costs for analysis of tests to an accredited laboratory (ISO 15189). All costs for alternative arrangements shall be borne by the vendor.	
5.13	Further to 5.12, in the event that invalid results or invalid QC occurs, vendor shall perform corrective maintenance. Vendor shall re-run testing on affected samples once instrument is ready and shall ensure that valid results and QC are produced in the following test run. This applies to any time of the day and any day of the week. Vendor shall also replace any reagents, consumables and QC used up for any invalid results or invalid QC produced.	
5.14	Vendor shall perform annual calibration, i.e. speed check and time check on the centrifuge and temperature check of fridge and freezer, using calibrated equipment. Valid calibration certificate shall be provided with the service report.	
6.0	**ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS**	
6.1	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.	
6.2	Should any renovation is 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.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
6.3	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.	
6.4	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.	
6.5	Temperature and humidity requirement: preferably 22 – 28 ^{o}C and up to 80% relative humidity.	
6.6	Floor area and drainage requirements: preferably adaptable to present facilities.	
6.7	Heat and noise generation: shall comply with international standards, WHO standards or equivalent.	
6.8	Low generation of hazardous chemical or biological waste. If biological liquid waste is generated, the supplier should 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. 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. iii. Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided. iv. Vendor is responsible in treating the hazardous biological waste in accordance to the local regulations. v. Assist user in the disposal of reagents and consumables when they are required to be disposed of.	
6.9	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	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	trunk, flexible wire and cable cover or equivalent that is acceptable to the laboratory.	
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 – FOR 5 YEARS TERM CONTRACT**	
8.1	Training shall be provided, at no additional cost, as follows:	
8.2	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.	
8.3	Certificate of competence is to be issued to all trainees after completion of training.	
8.4	The successful tenderer needs to ensure the key users are updated on the current or relevant information related to the system used. They should provide ONE off-site trainings for two (2) key users PER YEAR of contract. 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, and travel insurance. Training may be in the form of operator's training, workshop, congress, international conference including 3rd-party conference, or other forms of training that is deemed appropriate and relevant.	
8.5	Successful tenderer shall invite speakers from overseas to give talks or presentations to our local users as part of user training.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
9	**FINANCIAL AGREEMENT**	
9.1	A rental agreement is required over a period of five (5) 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 five (5) 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 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	**(Yes / No)** **(If No, please specify)**

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 uotation 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).	

* 6 months validity required for <$50K or 12 months for >$50K

NO.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
A	**Model & Brand**	
B	**Country of Origin**	
C	**Total Price Per Test (CIF): B$**	
D	**Price Ranking:**	(leave blank)
E	**Where marketed**	
F	**Year of Manufacture**	
G	**Warranty:**	
H	**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:**	
O	**Weight (kg):**	
P	**User Manuals**	
Q	**Service Manuals**	
R	**Spare-parts & Consumables Listing**	
S	**Technical Training On-Site:**	
T	**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 **TWELVE (12)** 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_____

_____ Tenderer's official stamp:

[Signature of authorised officer of Tenderer]

Name:

Designation:

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 sub-contractor. An alliance is defined as a formal and binding business relationship between the allied parties.

Table 3.1 - Responsibility Table

Company Name	Responsibility Description	Alliance Relationship between Contractor and Sub-contractor(s)		
		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 Name and Address	Customer Type (Govt or Quasi Govt)*	Contact Person	Title	Contact Number, Fax Number and E-mail Address

***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/175/2026/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER LABORATOTY TEST KIT FOR NUCLEIC ACID AMPLIFICATION TESTING (NAT) WITH EQUIPMENT RENTAL FOR BLOOD DONOR SCREENING LABORATORY, BLOOD DONATION CENTRE, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF FIVE (5) 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	TO SUPPLY AND DELIVER ELISA TESTING REAGENT KITS, ACCESSORIES, CONSUMABLES WITH EQUIPMENT RENTAL FOR NATIONAL IMMUNOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF FIVE (5) YEARS USAGE			

We understand as stated in the Instructions to Tenderers that Tenders without samples shall not be considered.

Tenderer's official stamp:

_____
[signature of authorized officer of Tenderer]
Name:
Designation:
Date:

FOR OFFICE USE

Date of receipt : _____

Receiving Officer : _____