REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/DIVISION/ UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/278/2022/LAB(TC)	TO SUPPLY AND DELIVER IFA TESTING REAGENT KITS/ACCESSORIES/CONSUMABLES WITH EQUIPMENT RENTAL FOR NATIONAL IMMUNOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF (3) YEARS USAGE	3 YEARS	DEPARTMENT OF LABORATORY SERVICES	$50.00	8th November 2022	Saifuddien Bin Haji Bagol Immunology Laboratory Department of Laboratory Services Ministry of Health Negara Brunei Darussalam Contact No.: 2242424 EXT 6348 e-mail: saifuddien.bagol@moh.gov.bn

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/278/2022/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER IFA TESTING REAGENT KITS/ACCESSORIES/CONSUMABLES WITH EQUIPMENT RENTAL FOR NATIONAL IMMUNOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF (3) YEARS USAGE

DELIVERY PERIOD AFTER PO ISSUED	**8-12 WEEKS**

1. SUPPLY OF REAGENTS

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

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

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR
1	Kallestad HEP-2 Kit (20 x 12-well slides)	20x12-well Slides	29kits
2	Kallested Crithidia luciliae Kit (6x8-well slides)	6x8 well Slides	15 Kits
3	Mouse stomach/Kidney Slides Complete Kit (6x8-well slides)	6x8 well Slides	29 kit
4	Universal Polyvalent Anti-human IgG FITC Conjugate.	2.5ml/btl	15 btls
5	Rat Liver/Kidney with Medulla/Stomach Slides (12 x 8 –well slides)	12x8-well slides	2 kits
6	Anti-Human IgG FITC Conjugate with Evans Blue	2.5ml/btl	2 btls
7	ANCA Ethanol Complete Kit (10x6-well ethanol fixed slides)	10 x 6-well slides	15 kits
8	ANCA Combi Slide (5 x6-well ethanol fixed+ 6-well formalin fixed slides)	5 x6-well slides	29 Kits
9	ANCA Anti-Human IGG FITC Conjugate	5ml/btl	12 blts
10	Anti-Parietal Cell Antibody Positive Control	0.3ml/btl	8 btls
11	Anti-Mitochondrial Antibody (AMA) Positive Control	0.3ml/btl	8 btls
12	Anti-Smooth Muscle Antibody (ASMA) Positive Control	0.3ml/btl	8 btls

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE / YEAR
13	c-ANCA Positive Control	0.5ml/btl	29 btls
14	p-ANCA positive Control	0.5ml/btl	29 btls
15	ANCA Negative Control	0.5ml/btl	15 btls
16	Liquichek ANA Controls Set, Positive (Homogenous, Speckled,Centromere and Nucleolar patterns)	4x0.5ml/box	12 bxs
17	LKM Positive Control IFA	0.5ml/btl	2 btls
18	2.5ml False Round Bottom Tubes, 75mm x 13 mm with screw caps (65.163)	1000's/box	15 Bxs
19	Cover Glass for Microscopy, 24x60 mm, Thickness 0.13-0.17mm, 100 pcs per box.	10boxes/pack	2 pks
20	96 Wells Flat Bottom, Non-Treated Tissue Culture Plates, Individually Wrap, sterile.	100 plates/ case	8 cases

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

NO.	SPECIFICATIONS AND REQUIREMENTS
1.0	**PROVISION OF EQUIPMENT**
	Two (2) units of equipment to comprise of an open, fully automated system for processing Immunofluorescence tests with a high throughput that is to be provided in NIRL National Immunology Reference Laboratory Services, Department of Laboratories, RIPAS Hospital. Tenderer must provide a general overview of the system and in addition, indicating for each point below, whether the system offered, complies with the tender specifications.
2.0	**EQUIPMENT SPECIFICATION**
	2.1 General Features 2.1.1 Laboratory automated workstation shall integrate and completely automate the following operations: i. Sampling ii. Control Dilution iii. Conjugate addition iv. Incubation v. slide washing vi. Counterstain preparation and addition vii. Result archiving viii. Patient Results Database Management ix. Shall easily accommodate standard 75 x 25mm slides. x. Shall be able to run up to 4 assays per run per workstation. xi. Shall be able to run up to 20 slides per run per workstation. xii. Shall be able to test up to 96 patients per run per workstation xiii. Flexible dilution ratios for tittered samples ranging from undiluted to 1:5120 2.1.2 The equipment shall be able to automate the following extensive applications: i. ELISA or EIA. ii. Capacity of processing 8-96 wells/microplate. iii. Capacity of microplates: minimum of 2 plates x 96 samples/run. iv. Photometric measurements for reading microplates. v. Results calculation (Negative/ Cut-off /Positive). 2.2 Pipetting Specification 2.2.1 Pipetting probe with dual-tip function; aspiration of waste during the wash steps and dispensing of wash solution and aspiration/dispense of samples and reagents. 2.2.2 Range of pipetting shall be 1-1000µL. 2.2.3 Volume delivered must be accurate and consistent, with a precision of <6% CV for all volumes. 2.2.4 Accuracy for 1 µL must be ±0.1µL. 2.2.5 No pre dilution for sample of patient sample. 2.2.6 Liquid level sensor. 2.2.7 Pipetting robotic arm shall have an x-y-z range of movement, 2.2.8 Have automatic air bubble removal. 2.3 Washer Module Specification 2.3.1 Programme Cycle Volume range must be 1-9. 2.3.2 Must be able to accept all plate type i.e. bottom shape: Flat, u- or v- shaped and wash mode; plate and strip only. 2.3.3 Soak time range must be 0-999 seconds. 2.3.4 Shall come with 2 wash buffer bottles. 2.3.5 Wash buffer volume available shall be up to 0.950L (50mL dead volume). 2.4 Software Specification 2.4.1 The software shall have an operating system on a new PC fully compatible with

NO.	SPECIFICATIONS AND REQUIREMENTS
	window 2.4.2 Shall be possible to connect to any type of back to back printer (either USB or Parallel) with all required hardware installed. 2.4.3 Data processing shall be able to perform cut-off method for qualitative results. 2.4.4 Quantitative results by interpolation shall show graphs from standards defined in the assay, 2.5 Physical Dimensions and Weight 2.5.1 Dimensions shall not exceed 80(H) x 95 (W) x 70(D) cm. 2.5.2 The weight shall not exceed 55kg. 2.6 IT Specification 2.6.1 One unit of back to back printer for printing of results which include all the accessories required and replacement of ink cartridges when necessary.
3.0	**TECHNICAL SPECIFICATIONS**
	3.1 The equipments shall remain operational and with the specification throughout the voltage range of 220V±6%, 50Hz±2%, and I-phase AC electrical supply. 3.2 The equipments shall be provided with two sets of operation manual and one set of service manual complete with circuit diagrams and full spare parts list. 3.3 Service training shall be provided to maintenance personnel at no additional costs, when necessary. 3.4 Validation of the equipment is to be conducted by the Tenderer and reagent kits and consumables used for validation purposes are provided by the tenderer when necessary.
4.0	**SERVICE AND AFTER SALES SUPPORT**
	4.1 The Tenderer shall provide 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, weekends and public holidays. 4.2 The Tenderer shall be responsible for the preventive maintenance and breakdown maintenance of the equipments. Any breakdown shall be quickly attended to within a day. Daily maintenance shall be performed by the operators. 4.3 All spare parts shall be supplied by the Tenderer if any replacement is required during the preventive and breakdown maintenance. 4.4 Prior to the laboratory acceptance of the analysers, the Tenderer shall bear all costs necessary and to assist user in full method performance verification as required by ISO 15189 and to provide a comprehensive report of the performance verification. 4.5 Backup is particularly important for all aspects of the equipments. The proposed equipments shall be provided with backup equipments and shall be able to perform the] same functions. 4.6 Any event that leads to halt in the service of testing for 14 working days due to problems arising from equipments or reagents, the Tenderer will bear the charges of sending the specimens to an accredited laboratory to produce the report according to our requirements. 4.7 All reagent test kits supplied throughout this tender shall have a minimum expiry date of six (6) months on delivery. Should the reagent 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.
5.0	**ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS**
	5.1 Should occupy space not more than 80(H) x 95(W) x 70(D) cm with a new sturdy table/bench with rollers. 5.2 Power requirement will be based on present facility and any upgrade required will be provided by the Tenderer. All costs for installing electrical requirements shall be borne by the

NO.	SPECIFICATIONS AND REQUIREMENTS
	Tenderer. All the electrical wires shall be covered with PVC trunk properly for safety precautions. 5.3 Temperature and humidity requirement: preferably 22 - 28 C and up to 80% relative humidity. 5.4 Floor area and drainage requirements: preferably adaptable to present facilities. 5.5 Noise generation: preferably less than <85 dB at the front of the unit while at full operation. 5.6 Low generation of hazardous chemical or biological waste. If biological liquid waste is generated, the Tenderer should provide the following for suitable waste containers; i. Two (2) units of waste containers shall be provided with cap, 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 has to 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. All installation and labour costs shall be borne by the Tenderer. iii. Liquid waste must undergo pre-treatment prior to disposal. Successful Tenderer should provide details of how liquid waste would be pre-treated. A proper decontamination tank should be provided with pump if required. Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided.
6.0	**MISCELLANEOUS**
	6.1 Reagent Requirement i. All Reagent Kits supplied throughout this tender MUST have a minimum shelf life of one (1) year. ii. Any Reagent kits with shelf life less than one (1) year shall be rejected. iii. Reagents shall be delivered monthly to the laboratory; however, the stock of 3 months reagents shall be available in the Tenderer's store in Brunei Darussalam avoid reagent shortage. iv. The tenderer shall be responsible to bear the cost of testing samples referred abroad in the event of failure to supply the reagents within the specified delivery time. 6.2 Equipment Requirement i. The Tenderer shall supply two (2) units of open system, equipments to perform the above tests. Equipments have additional feature to be usable for any ELISA/EIA reagent available on the market. ii. The Equipments shall be able to perform EIA testing to serve as a backup. iii. The Equipments shall be installed at the Immunology Laboratory Services, RIPAS Hospital. iv. The Equipments shall be used for routine as well as specialized specific analysis. It shall be suitable for both applications but shall in particular have excellent routine analysis qualities. v. Reagents shall require minimum preparation. vi. Equipments shall comply to ISO 15189 requirements. vii. Material Safety Data Sheet (MSDS) shall be provided by the principal company. viii. Equipments should comply with safety requirement of RIPAS Hospital. ix. The system can be upgraded easily when necessary and can expand its test menu. x. The system must be recognized by International guidelines, ISO certified with CE marked and/or FDA clearance. xi. No clinically significant carryover between samples. xii. Quality control performance (both internal and external) should be acceptable and the precision should be at least equal to or better than the "acceptable limits" set by the RCPA QAP programme.
7.0	**LITERATURE**
	7.1 To supply USB or one (1) set of hard copy of the Operating Manual and Service Manual including circuit diagrams of the equipments should be provided upon commissioning. 7.2 To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance.

NO.	SPECIFICATIONS AND REQUIREMENTS
	7.3 To provide, when available and USB, articles or journals, book or leaflets issued by the principal other related to IFA
***8.0**	**TRAINING**
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 need 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. 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 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 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 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	The successful vendor will provide the IFA system free of charge and covered with full comprehensive equipment maintenance service.
10	DELIVERY PERIOD: 8 to 12 weeks
11	PRICE VALIDITY: The quotation shall remain valid for 6 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
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	**8-12 WEEKS**		
Lab/Section/Unit	National Immunology Reference Laboratory		
Lab/Section/Unit Ref No.:	DLS/PU/NIRL/2022/14		
Person to Contact	Name : SAIFUDDIEN BIN HAJI BAGOL		
	E-mail : saifuddien.bagol@moh.gov.bn		
	Tel. No.	: 2242424 ext 6348/6349/6351	Fax No. :
FOR ADMINISTRATION USE ONLY			
PPM/PROC Ref. No.	PPM/PROC/2022/>50K/055(NIRL)		
Advertisement Ref. No.			Date :

SECTION 3

FORMS TO BE USED

CONTENTS

SCHEDULE 1

TENDER FORM

To:

TENDER REFERENCE NO: KK/278/2022/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER IFA TESTING REAGENT KITS/ACCESSORIES/CONSUMABLES WITH EQUIPMENT RENTAL FOR NATIONAL IMMUNOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF (3) YEARS USAGE

TENDER OF (*name of tenderer*) _____

Company/Business Registration No _____

Tender Closing Date _____

DELIVERY PERIOD	

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	Kallestad HEP-2 Kit (20 x 12-well slides)	20x12-well Slides	29kits						
2	Kallested Crithidia luciliae Kit (6x8-well slides)	6x8 well Slides	15 Kits						

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$)**	**TOTAL COSTS (B$)**
3	Mouse stomach/Kidney Slides Complete Kit (6x8-well slides)	6x8 well Slides	29 kit						
4	Universal Polyvalent Anti-human IgG FITC Conjugate.	2.5ml/btl	15 btls						
5	Rat Liver/Kidney with Medulla/Stomach Slides (12 x 8 –well slides)	12x8-well slides	2 kits						
6	Anti-Human IgG FITC Conjugate with Evans Blue	2.5ml/btl	2 btls						
7	ANCA Ethanol Complete Kit (10x6-well ethanol fixed slides)	10 x 6-well slides	15 kits						
8	ANCA Combi Slide (5 x6-well ethanol fixed+ 6-well formalin fixed slides)	5 x6-well slides	29 Kits						
9	ANCA Anti-Human IGG FITC Conjugate	5ml/btl	12 blts						
10	Anti-Parietal Cell Antibody Positive Control	0.3ml/btl	8 btls						
11	Anti-Mitochondrial Antibody (AMA) Positive Control	0.3ml/btl	8 btls						
12	Anti-Smooth Muscle Antibody (ASMA) Positive Control	0.3ml/btl	8 btls						
13	c-ANCA Positive Control	0.5ml/btl	29 btls						
14	p-ANCA positive Control	0.5ml/btl	29 btls						

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$)**	**TOTAL COSTS (B$)**
15	ANCA Negative Control	0.5ml/btl	15 btls						
16	Liquichek ANA Controls Set, Positive (Homogenous, Speckled,Centromere and Nucleolar patterns)	4x0.5ml/box	12 bxs						
17	LKM Positive Control IFA	0.5ml/btl	2 btls						
18	2.5ml False Round Bottom Tubes, 75mm x 13 mm with screw caps (65.163)	1000's/box	15 Bxs						
19	Cover Glass for Microscopy, 24x60 mm, Thickness 0.13-0.17mm, 100 pcs per box.	10boxes/pack	2 pks						
20	96 Wells Flat Bottom, Non-Treated Tissue Culture Plates, Individually Wrap, sterile.	100 plates/ case	8 cases						

Cost 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**	
	Two (2) units of equipment to comprise of an open, fully automated system for processing Immunofluorescence tests with a high throughput that is to be provided in NIRL National Immunology Reference Laboratory Services, Department of Laboratories, RIPAS Hospital. Tenderer must provide a general overview of the system and in addition, indicating for each point below, whether the system offered, complies with the tender specifications.	
2.0	**EQUIPMENT SPECIFICATION**	
	2.1 General Features 2.1.1 Laboratory automated workstation shall integrate and completely automate the following operations: i. Sampling ii. Control Dilution iii. Conjugate addition iv. Incubation v. slide washing vi. Counterstain preparation and addition vii. Result archiving viii. Patient Results Database Management ix. Shall easily accommodate standard 75 x 25mm slides. x. Shall be able to run up to 4 assays per run per workstation. xi. Shall be able to run up to 20 slides per run per workstation. xii. Shall be able to test up to 96 patients per run per workstation xiii. Flexible dilution ratios for tittered samples ranging from undiluted to 1:5120 2.1.2 The equipment shall be able to automate the following extensive applications: i. ELISA or EIA. ii. Capacity of processing 8-96 wells/microplate. iii. Capacity of microplates: minimum of 2 plates x 96 samples/run. iv. Photometric measurements for reading microplates. v. Results calculation (Negative/ Cut-off /Positive).	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	2.2 Pipetting Specification 2.2.1 Pipetting probe with dual-tip function; aspiration of waste during the wash steps and dispensing of wash solution and aspiration/dispense of samples and reagents. 2.2.2 Range of pipetting shall be 1-1000µL. 2.2.3 Volume delivered must be accurate and consistent, with a precision of <6% CV for all volumes. 2.2.4 Accuracy for 1 µL must be ±0.1µL. 2.2.5 No pre dilution for sample of patient sample. 2.2.6 Liquid level sensor. 2.2.7 Pipetting robotic arm shall have an x-y-z range of movement, 2.2.8 Have automatic air bubble removal. 2.3 Washer Module Specification 2.3.1 Programme Cycle Volume range must be 1-9. 2.3.2 Must be able to accept all plate type i.e. bottom shape: Flat, u- or v- shaped and wash mode; plate and strip only. 2.3.3 Soak time range must be 0-999 seconds. 2.3.4 Shall come with 2 wash buffer bottles. 2.3.5 Wash buffer volume available shall be up to 0.950L (50mL dead volume). 2.4 Software Specification 2.4.1 The software shall have an operating system on a new PC fully compatible with window 2.4.2 Shall be possible to connect to any type of back to back printer (either USB or Parallel) with all required hardware installed. 2.4.3 Data processing shall be able to perform cut-off method for qualitative results. 2.4.4 Quantitative results by interpolation shall show graphs from standards defined in the assay, 2.5 Physical Dimensions and Weight 2.5.1 Dimensions shall not exceed 80(H) x 95 (W) x 70(D) cm. 2.5.2 The weight shall not exceed 55kg.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	2.6 IT Specification 2.6.1 One unit of back to back printer for printing of results which include all the accessories required and replacement of ink cartridges when necessary.	
3.0	**TECHNICAL SPECIFICATIONS**	
	3.1 The equipments shall remain operational and with the specification throughout the voltage range of 220V±6%, 50Hz±2%, and I-phase AC electrical supply. 3.2 The equipments shall be provided with two sets of operation manual and one set of service manual complete with circuit diagrams and full spare parts list. 3.3 Service training shall be provided to maintenance personnel at no additional costs, when necessary. 3.4 Validation of the equipment is to be conducted by the Tenderer and reagent kits and consumables used for validation purposes are provided by the tenderer when necessary.	
4.0	**SERVICE AND AFTER SALES SUPPORT**	
	4.1 The Tenderer shall provide 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, weekends and public holidays. 4.2 The Tenderer shall be responsible for the preventive maintenance and breakdown maintenance of the equipments. Any breakdown shall be quickly attended to within a day. Daily maintenance shall be performed by the operators. 4.3 All spare parts shall be supplied by the Tenderer if any replacement is required during the preventive and breakdown maintenance. 4.4 Prior to the laboratory acceptance of the analysers, the Tenderer shall bear all costs necessary and to assist user in full method performance verification as required by ISO 15189 and to provide a comprehensive report of the performance verification. 4.5 Backup is particularly important for all aspects of the equipments. The proposed equipments shall be provided with backup equipments and shall be able to perform the] same functions. 4.6 Any event that leads to halt in the service of testing for 14 working days due to problems arising from equipments or reagents, the Tenderer will bear the charges of sending the	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	specimens to an accredited laboratory to produce the report according to our requirements. 4.7 All reagent test kits supplied throughout this tender shall have a minimum expiry date of six (6) months on delivery. Should the reagent 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.	
5.0	**ENVIRONMENTAL AND INFRASTRUCTURE REQUIREMENTS**	
	5.1 Should occupy space not more than 80(H) x 95(W) x 70(D) cm with a new sturdy table/bench with rollers. 5.2 Power requirement will be based on present facility and any upgrade required will be provided by the Tenderer. All costs for installing electrical requirements shall be borne by the Tenderer. All the electrical wires shall be covered with PVC trunk properly for safety precautions. 5.3 Temperature and humidity requirement: preferably 22 - 28 C and up to 80% relative humidity. 5.4 Floor area and drainage requirements: preferably adaptable to present facilities. 5.5 Noise generation: preferably less than <85 dB at the front of the unit while at full operation. 5.6 Low generation of hazardous chemical or biological waste. If biological liquid waste is generated, the Tenderer should provide the following for suitable waste containers; i. Two (2) units of waste containers shall be provided with cap, 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 has to 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. All installation and labour costs shall be borne by the Tenderer. iii. Liquid waste must undergo pre-treatment prior to disposal. Successful Tenderer should provide details of how liquid waste would be pre-treated. A proper decontamination tank should be provided with pump if required. Proper guidelines to disinfect the liquid waste that is acceptable to ISO 15189 shall be provided.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
6.0	**MISCELLANEOUS**	
	6.1 Reagent Requirement i. All Reagent Kits supplied throughout this tender MUST have a minimum shelf life of one (1) year. ii. Any Reagent kits with shelf life less than one (1) year shall be rejected. iii. Reagents shall be delivered monthly to the laboratory; however, the stock of 3 months reagents shall be available in the Tenderer's store in Brunei Darussalam avoid reagent shortage. iv. The tenderer shall be responsible to bear the cost of testing samples referred abroad in the event of failure to supply the reagents within the specified delivery time. 6.2 Equipment Requirement i. The Tenderer shall supply two (2) units of open system, equipments to perform the above tests. Equipments have additional feature to be usable for any ELISA/EIA reagent available on the market. ii. The Equipments shall be able to perform EIA testing to serve as a backup. iii. The Equipments shall be installed at the Immunology Laboratory Services, RIPAS Hospital. iv. The Equipments shall be used for routine as well as specialized specific analysis. It shall be suitable for both applications but shall in particular have excellent routine analysis qualities. v. Reagents shall require minimum preparation. vi. Equipments shall comply to ISO 15189 requirements. vii. Material Safety Data Sheet (MSDS) shall be provided by the principal company. viii. Equipments should comply with safety requirement of RIPAS Hospital. ix. The system can be upgraded easily when necessary and can expand its test menu. x. The system must be recognized by International guidelines, ISO certified with CE marked and/or FDA clearance.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
	xi. No clinically significant carryover between samples. xii. Quality control performance (both internal and external) should be acceptable and the precision should be at least equal to or better than the "acceptable limits" set by the RCPA QAP programme.	
7.0	**LITERATURE**	
	7.1 To supply USB or one (1) set of hard copy of the Operating Manual and Service Manual including circuit diagrams of the equipments should be provided upon commissioning. 7.2 To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance. 7.3 To provide, when available and USB, articles or journals, book or leaflets issued by the principal other related to IFA	
***8.0**	**TRAINING**	
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 need 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. 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 form of operator's training, workshop, congress, international conference including 3rd party conference, or other forms of training that is deemed appropriate and relevant.	

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
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 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 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	The successful vendor will provide the IFA system free of charge and covered with full comprehensive equipment maintenance service.	
10	DELIVERY PERIOD: 8 TO 12 WEEKS	**(Yes / No)** **(If No, please specify)**
11	PRICE VALIDITY: The quotation shall remain valid for 6 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
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.

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/278/2022/LAB(TC)

INVITATION TO TENDER
TO SUPPLY AND DELIVER IFA TESTING REAGENT KITS/ACCESSORIES/CONSUMABLES WITH EQUIPMENT RENTAL FOR NATIONAL IMMUNOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH FOR A PERIOD OF (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	Kallestad HEP-2 Kit (20 x 12-well slides)			
2	Kallested Crithidia luciliae Kit (6x8-well slides)			
3	Mouse stomach/Kidney Slides Complete Kit (6x8-well slides)			
4	Universal Polyvalent Anti-human IgG FITC Conjugate.			
5	Rat Liver/Kidney with Medulla/Stomach Slides (12 x 8 –well slides)			
6	Anti-Human IgG FITC Conjugate with Evans Blue			
7	ANCA Ethanol Complete Kit (10x6-well ethanol fixed slides)			
8	ANCA Combi Slide (5 x6-well ethanol fixed+ 6-well formalin fixed slides)			
9	ANCA Anti-Human IGG FITC Conjugate			
10	Anti-Parietal Cell Antibody Positive Control			
11	Anti-Mitochondrial Antibody (AMA) Positive Control			
12	Anti-Smooth Muscle Antibody (ASMA) Positive Control			
13	c-ANCA Positive Control			

NO.	TEST/REAGENT NAME	SAMPLE SUBMITTED (indicate with ✓)	SAMPLE NOT SUBMITTED (indicate with ✕)	OFFERED/ NOT OFFERED (indicate as appropriate)
14	p-ANCA positive Control			
15	ANCA Negative Control			
16	Liquichek ANA Controls Set, Positive (Homogenous, Speckled,Centromere and Nucleolar patterns)			
17	LKM Positive Control IFA			
18	2.5ml False Round Bottom Tubes, 75mm x 13 mm with screw caps (65.163)			
19	Cover Glass for Microscopy, 24x60 mm, Thickness 0.13-0.17mm, 100 pcs per box.			
20	96 Wells Flat Bottom, Non-Treated Tissue Culture Plates, Individually Wrap, sterile.			

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 : _____