

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/18/2025/LAB	TO SUPPLY AND DELIVER PNEUMOCOCCAL SEROTYPING WITH PHASE CONTRAST MICROSCOPE FOR NATIONAL CLINICAL MICROBIOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH	-	DEPARTMENT OF LABORATORY SERVICES	\$10.00	18 TH FEB 2025	<p>Mohammad Aizzuddin bin Haji Mirasin National Clinical Microbiology Reference Laboratory Department of Laboratory Services Ministry of Health Negara Brunei Darussalam Contact No.: 2242424 ext. 6329 e-mail: aizzuddin.mirasin@moh.gov.bn</p>

TENDER REFERENCE NO.: KK/18/2025/LAB

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**TO SUPPLY AND DELIVER PNEUMOCOCCAL
SEROTYPING WITH PHASE CONTRAST MICROSCOPE
FOR NATIONAL CLINICAL MICROBIOLOGY REFERENCE
LABORATORY, DEPARTMENT OF LABORATORY
SERVICES, MINISTRY OF HEALTH**

TENDER FEES : \$10.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 18TH FEBRUARY 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/18/2025/LAB(TC)

INVITATION TO TENDER

TO SUPPLY AND DELIVER PNEUMOCOCCAL SEROTYPING WITH PHASE CONTRAST MICROSCOPE FOR NATIONAL CLINICAL MICROBIOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH

DELIVERY PERIOD AFTER PO ISSUED	4-8 WEEKS AND NO LONGER THAN 12 WEEKS
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/YEAR
1	Pneumococcal Type 1 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
2	Pneumococcal Type 2 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
3	Pneumococcal Type 3 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
4	Pneumococcal Type 4 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
5	Pneumococcal Type 5 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
6	Pneumococcal Type 8 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
7	Pneumococcal Type 13 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
8	Pneumococcal Type 14 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
9	Pneumococcal Type 20 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
10	Pneumococcal Type 31 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
11	Pneumococcal Type 38 Serum ▪ Capsular reaction method	1 ml/vial	1 vial
12	Pneumococcal Factor 6b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
13	Pneumococcal Factor 6c Serum ▪ Capsular reaction method	1 ml/vial	1 vial

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/YEAR
14	Pneumococcal Factor 6d Serum ▪ Capsular reaction method	1 ml/vial	1 vial
15	Pneumococcal Factor 7b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
16	Pneumococcal Factor 9b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
17	Pneumococcal Factor 9d Serum ▪ Capsular reaction method	1 ml/vial	1 vial
18	Pneumococcal Factor 9e Serum ▪ Capsular reaction method	1 ml/vial	1 vial
19	Pneumococcal Factor 9g Serum ▪ Capsular reaction method	1 ml/vial	1 vial
20	Pneumococcal Factor 10d Serum ▪ Capsular reaction method	1 ml/vial	1 vial
21	Pneumococcal Factor 11c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
22	Pneumococcal Factor 12b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
23	Pneumococcal Factor 15c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
24	Pneumococcal Factor 15e Serum ▪ Capsular reaction method	1 ml/vial	1 vial
25	Pneumococcal Factor 15h Serum ▪ Capsular reaction method	1 ml/vial	1 vial
26	Pneumococcal Factor 16b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
27	Pneumococcal Factor 16c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
28	Pneumococcal Factor 17b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
29	Pneumococcal Factor 18c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
30	Pneumococcal Factor 19b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
31	Pneumococcal Factor 19c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
32	Pneumococcal Factor 22b Serum ▪ Capsular reaction method	1 ml/vial	1 vial

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	PACKAGING SIZE	TOTAL ESTIMATE USAGE/YEAR
33	Pneumococcal Factor 23b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
34	Pneumococcal Factor 23c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
35	Pneumococcal Factor 24d Serum ▪ Capsular reaction method	1 ml/vial	1 vial
36	Pneumococcal Factor 25b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
37	Pneumococcal Factor 25c Serum ▪ Capsular reaction method	1 ml/vial	1 vial
38	Pneumococcal Factor 33b Serum ▪ Capsular reaction method	1 ml/vial	1 vial
39	Pneumococcal serotyping kit ▪ Covers 14 pools ▪ Latex agglutination method ▪ To include reaction cards	75 tests/kit	2 kits
40	Trinocular phase contrast microscope ▪ Brightfield, darkfield and phase contrast ▪ 10x, 20x, 40x and 100x magnification	1 set	1 set

NO.	SPECIFICATIONS AND REQUIREMENTS
1.0	PROVISION OF EQUIPMENT
1.1	To supply, deliver, install and commission one (1) unit of phase contrast microscope for National Clinical Microbiology Reference Laboratory, RIPAS Hospital.
2.0	EQUIPMENT SPECIFICATION
2.1	Observation method: Transmitted light with brightfield, phase contrast (positive type) and darkfield
2.2	Main body: Type: Upright Construction material: Aluminium die-cast with transportation handle
3.0	TECHNICAL SPECIFICATIONS
3.1	Head: Type: Trinocular (siedentopf) Split ratio: 50/50 Inclination: 30 360 rotating: Yes Interpupillary distance: 48 – 75mm Dioptric adjustment: On left tube Fixing screw for eyepieces: Yes Tube inner diameter: 23mm Field number: 20mm Magnification: 10x Diameter of micrometer glass: 21mm High eyepoint for glass wearers: Yes Rubber cup: Yes
3.2	Nosepiece: Positions: Quintuple Reversed: Yes Bi-directional: Yes Objective thread: RMS
3.3	Objectives: Optical system: ∞ Anti-fungus treatment: Yes Parfocal distance: 45mm Standard magnifications: 100x-1000x Type IOS: IOS W-PLAN PH <ul style="list-style-type: none"> ▪ 10x/0.25, W.D. 10 mm ▪ 20x/0.40, W.D. 5.1 mm ▪ 40x/0.65, W.D. 0.54 mm ▪ 100x/1.25 (Oil), W.D. 0.13 mm
3.4	Stage: Type: Double layer Dimensions: 233x147mm Moving mechanism: Rackless Moving range: 78x54mm Material: Anti-scratch painting Specimen holder: Yes Slide number: 2 X-Y Vernier scale: Yes Vernier scale accuracy: 0.1mm
3.5	Condenser – Multiple Position Type: Abbe. Brightfield - Phase contrast - Darkfield (dry) Number of positions: 5 (BF, 10x/20x, 40x, 100x, DF)

	Numerical aperture (N.A.): 1.25 Removable: Yes Diaphragms: Iris Centrable: Yes Focusable: By rack and pinion
3.6	Focusing System Type: Coaxial coarse & fine Coarse total travel: 25mm Fine total travel (per single rotation): 0.2mm Fine graduations: 100 Fine resolution: 2 µm Upper stop to prevent contact: Yes Adjustable tension: Yes Flat knob for ergonomic: Yes
3.7	Transmitted Illumination Kohler illumination: Fixed Type: X-LED X-LED type: X-LED3 Light source power: 3.6W Brightness control: Manual Lifetime: > 65,000 hours Temperature: 6,300K Max. required power: 6W
3.8	Power Supply for Transmitted Illumination Type: External Microscope connector: Jack, 2.1 mm Power plug type: Multi-plug (EU, UK, US) Input voltage: 100/240 Vac, 50/60 Hz Output voltage: 6 Vdc 2.5 A
3.9	Product Dimensions and Weight Height: 405 mm Width: 235 mm Depth: 370 mm 7.8 kg
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 twelve (12) 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 / twelve (12) months should be first agreed by the User of the particular laboratory before delivery is made.
4.2	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than twelve (12) 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	Product inserts and MSDS shall be provided to the User.
6	International markings: products must be CE marked or equivalent standards that are acceptable to the users.
7	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

8	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: <ol style="list-style-type: none"> 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 1 calculated from delivery date 4. Leakage upon delivery
9	INTERNATIONAL MARKING The offered equipment shall be CE Marked or FDA approved or have equivalent international marking that is acceptable by the User.
10	SAFETY STANDARDS The offered equipment shall be certified according to any international safety standards that is acceptable by the User. Please state the safety standards and submit a copy of the certificate.
11	WARRANTY Vendor shall provide an extended warranty for the offered instruments up to eight (8) years of its life. This warranty shall cover all service works, technical support, periodic and preventive maintenance, spare parts and replacements.
12	INSTALLATION AND COMMISSIONING
12.1	Vendor shall verify the installation of offered equipment and submit to the User a copy of signed Delivery Order and a copy of user verified Installation Qualification Report.
12.2	Vendor shall perform a performance verification upon commissioning and ensure the performance of the installed equipment is within the acceptable limit of performance or as per manufacturer's recommendations or as per User's acceptance criteria. Vendor shall submit a copy of user verified Performance Qualification Report.
12.3	Electrical Safety – Vendor shall conduct electrical safety testing upon installation of purchased equipment(s) using calibrated device. Electrical safety testing report shall be submitted to the laboratory for acceptance.
13	LITERATURE
13.1	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.
13.2	To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance
14	TRAINING Training shall be provided, at no additional cost, as follows:
14.1	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.
14.2	Certificate of attendance and competence shall be issued to all trainees after completion of training.
15	FINANCIAL AGREEMENT
15.1	Supply of the test kit including reagents, consumables and/or accessories is based on the number of kits required in the Purchase Order.
15.2	Buffer stock of the test kit including reagents, consumables and accessories shall be available at the local representative as contingency.
15.3	Should there be any discontinuity of reagents / consumables due to non-compliance in the manufacturing of reagents; the vendor must be able to provide an alternative so that the test requests / services are still available for the customers.
15.4	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: <ol style="list-style-type: none"> 1. When the testing is no longer required or relevant i.e. test is obsolete, to the laboratory or

	<p>the Department.</p> <p>2. When the item(s) set out in this tender is/are no longer required by the laboratory or the Department.</p> <p>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 (<i>Lembaga Tawaran Kecil</i>).</p>
16	<p>DELIVERY PERIOD: Preferably 4 – 8 weeks and no later than 12 weeks after issue of Purchase Order</p>
17	<p>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).</p>

* 6 months validity required for <\$50K or 12 months for >\$50K
 (Delete whichever is not applicable)

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:

DELIVERY PERIOD AFTER PO ISSUED	4-8 weeks and no longer than 12 weeks	
Lab/Section/Unit	National Clinical Microbiology Reference Laboratory	
Lab/Section/Unit Ref No.:	DLS/PU/MIC/2024/A50K/06_PNEUMOCOCCAL	
Person to Contact	Name : Mohammad Aizzuddin binti Hj Mirasin	
	E-mail : aizzuddin.mirasin@moh.gov.bn	
	Tel. No. : 2242424 ext. 6329	Fax No.: 2220869
FOR ADMINISTRATION USE ONLY		
PPM/PROC Ref. No.	PPM/PROC/2024/>50k/040(MIC)	
Advertisement Ref. No.		Date:

SCHEDULE 1

TENDER FORM

To:

TENDER REFERENCE NO: KK/18/2025/LAB(TC)

INVITATION TO TENDER

TO SUPPLY AND DELIVER PNEUMOCOCCAL SEROTYPING WITH PHASE CONTRAST MICROSCOPE FOR NATIONAL CLINICAL MICROBIOLOGY REFERENCE LABORATORY, DEPARTMENT OF LABORATORY SERVICES, MINISTRY OF HEALTH

TENDER OF (*name of tenderer*) _____

Company/Business Registration No _____

Tender Closing Date _____

DELIVERY PERIOD	
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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 COST S (B\$)
1	Pneumococcal Type 1 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
2	Pneumococcal Type 2 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
3	Pneumococcal Type 3 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
4	Pneumococcal Type 4 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
5	Pneumococcal Type 5 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
6	Pneumococcal Type 8 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
7	Pneumococcal Type 13 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
8	Pneumococcal Type 14 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
9	Pneumococcal Type 20 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
10	Pneumococcal Type 31 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
11	Pneumococcal Type 38 Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
12	Pneumococcal Factor 6b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
13	Pneumococcal Factor 6c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
14	Pneumococcal Factor 6d Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
15	Pneumococcal Factor 7b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
16	Pneumococcal Factor 9b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
17	Pneumococcal Factor 9d Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
18	Pneumococcal Factor 9e Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
19	Pneumococcal Factor 9g Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
20	Pneumococcal Factor 10d Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
21	Pneumococcal Factor 11c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
22	Pneumococcal Factor 12b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
23	Pneumococcal Factor 15c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
24	Pneumococcal Factor 15e Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
25	Pneumococcal Factor 15h Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
26	Pneumococcal Factor 16b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
27	Pneumococcal Factor 16c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
28	Pneumococcal Factor 17b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
29	Pneumococcal Factor 18c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
30	Pneumococcal Factor 19b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
31	Pneumococcal Factor 19c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
32	Pneumococcal Factor 22b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
33	Pneumococcal Factor 23b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
34	Pneumococcal Factor 23c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
35	Pneumococcal Factor 24d Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
36	Pneumococcal Factor 25b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						

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 COST S (B\$)
37	Pneumococcal Factor 25c Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
38	Pneumococcal Factor 33b Serum ▪ Capsular reaction method	1 ml/vial	1 vial						
39	Pneumococcal serotyping kit ▪ Covers 14 pools ▪ Latex agglutination method ▪ To include reaction cards	75 tests/kit	2 kits						
40	Trinocular phase contrast microscope ▪ Brightfield, darkfield and phase contrast ▪ 10x, 20x, 40x and 100x magnification	1 set	1 set						
TOTAL PRICE (B\$)									

NO.	SPECIFICATIONS AND REQUIREMENTS	VENDOR'S OFFER (PLEASE STATE)
1.0	PROVISION OF EQUIPMENT	
1.1	To supply, deliver, install and commission one (1) unit of phase contrast microscope for National Clinical Microbiology Reference Laboratory, RIPAS Hospital.	
2.0	EQUIPMENT SPECIFICATION	
2.1	Observation method: Transmitted light with brightfield, phase contrast (positive type) and darkfield	
2.2	Main body: Type: Upright Construction material: Aluminium die-cast with transportation handle	
3.0	TECHNICAL SPECIFICATIONS	
3.1	Head: Type: Trinocular (siedentopf) Split ratio: 50/50 Inclination: 30 360 rotating: Yes Interpupillary distance: 48 – 75mm Dioptric adjustment: On left tube Fixing screw for eyepieces: Yes Tube inner diameter: 23mm Field number: 20mm Magnification: 10x Diameter of micrometer glass: 21mm High eyepoint for glass wearers: Yes Rubber cup: Yes	
3.2	Nosepiece: Positions: Quintuple Reversed: Yes Bi-directional: Yes Objective thread: RMS	
3.3	Objectives: Optical system: ∞ Anti-fungus treatment: Yes Parfocal distance: 45mm Standard magnifications: 100x-1000x	

	<p>Type IOS: IOS W-PLAN PH</p> <ul style="list-style-type: none"> • 10x/0.25, W.D. 10 mm • 20x/0.40, W.D. 5.1 mm • 40x/0.65, W.D. 0.54 mm • 100x/1.25 (Oil), W.D. 0.13 mm 	
3.4	<p>Stage: Type: Double layer Dimensions: 233x147mm Moving mechanism: Rackless Moving range: 78x54mm Material: Anti-scratch painting Specimen holder: Yes Slide number: 2 X-Y Vernier scale: Yes Vernier scale accuracy: 0.1mm</p>	
3.5	<p>Condenser – Multiple Position Type: Abbe. Brightfield - Phase contrast - Darkfield (dry) Number of positions: 5 (BF, 10x/20x, 40x, 100x, DF) Numerical aperture (N.A.): 1.25 Removable: Yes Diaphragms: Iris Centrable: Yes Focusable: By rack and pinion</p>	
3.6	<p>Focusing System Type: Coaxial coarse & fine Coarse total travel: 25mm Fine total travel (per single rotation): 0.2mm Fine graduations: 100 Fine resolution: 2 μm Upper stop to prevent contact: Yes Adjustable tension: Yes Flat knob for ergonomic: Yes</p>	
3.7	<p>Transmitted Illumination Kohler illumination: Fixed Type: X-LED X-LED type: X-LED3 Light source power: 3.6W Brightness control: Manual</p>	

	Lifetime: > 65,000 hours Temperature: 6,300K Max. required power: 6W	
3.8	Power Supply for Transmitted Illumination Type: External Microscope connector: Jack, 2.1 mm Power plug type: Multi-plug (EU, UK, US) Input voltage: 100/240 Vac, 50/60 Hz Output voltage: 6 Vdc 2.5 A	
3.9	Product Dimensions and Weight Height: 405 mm Width: 235 mm Depth: 370 mm 7.8 kg	
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 twelve (12) 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 / twelve (12) months should be first agreed by the User of the particular laboratory before delivery is made.	
4.2	Letter of Undertaking (LOU) shall be produced upon each delivery of test kit or consumable with expiry date of less than twelve (12) 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	Product inserts and MSDS shall be provided to the User.	
6	International markings: products must be CE marked or equivalent standards that are acceptable to the users.	
7	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	

	<p>manufacturer's instructions</p> <p>4. Expiry date not meeting requirement</p>	
8	<p>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:</p> <ol style="list-style-type: none"> 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 1 calculated from delivery date 4. Leakage upon delivery 	
9	<p>INTERNATIONAL MARKING</p> <p>The offered equipment shall be CE Marked or FDA approved or have equivalent international marking that is acceptable by the User.</p>	
10	<p>SAFETY STANDARDS</p> <p>The offered equipment shall be certified according to any international safety standards that is acceptable by the User. Please state the safety standards and submit a copy of the certificate.</p>	
11	<p>WARRANTY</p> <p>Vendor shall provide an extended warranty for the offered instruments up to eight (8) years of its life. This warranty shall cover all service works, technical support, periodic and preventive maintenance, spare parts and replacements.</p>	
12	<p>INSTALLATION AND COMMISSIONING</p>	
12.1	<p>Vendor shall verify the installation of offered equipment and submit to the User a copy of signed Delivery Order and a copy of user verified Installation Qualification Report.</p>	
12.2	<p>Vendor shall perform a performance verification upon commissioning and ensure the performance of the installed equipment is within the acceptable limit of performance or as per manufacturer's recommendations or as per User's acceptance criteria. Vendor shall submit a copy of user verified Performance Qualification Report.</p>	
12.3	<p>Electrical Safety – Vendor shall conduct electrical safety testing upon installation of purchased equipment(s) using calibrated device. Electrical safety testing report shall be submitted to the</p>	

	laboratory for acceptance.	
13	LITERATURE	
13.1	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.	
13.2	To supply hardcopy of maintenance log with list of details of daily, weekly or scheduled maintenance	
14	TRAINING Training shall be provided, at no additional cost, as follows:	
14.1	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.	
14.2	Certificate of attendance and competence shall be issued to all trainees after completion of training.	
15	FINANCIAL AGREEMENT	
15.1	Supply of the test kit including reagents, consumables and/or accessories is based on the number of kits required in the Purchase Order.	
15.2	Buffer stock of the test kit including reagents, consumables and accessories shall be available at the local representative as contingency.	
15.3	Should there be any discontinuity of reagents / consumables due to non-compliance in the manufacturing of reagents; the vendor must be able to provide an alternative so that the test requests / services are still available for the customers.	
15.4	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 the 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	

	<i>(Lembaga Tawaran Kecil).</i>	
16	DELIVERY PERIOD: Preferably 4 – 8 weeks and no later than 12 weeks after issue of Purchase Order	(Yes / No) (If No, please specify)
17	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).	

* 6 months validity required for <\$50K or 12 months for >\$50K
 (Delete whichever is not applicable)

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:	

NO.	GENERAL SPECIFICATIONS	VENDOR'S OFFER
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:	

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_____

[Signature of authorised officer of Tenderer]

Name:

Designation:

Tenderer's official stamp: