

TENDER REFERENCE NO.: KK/77/2026/DSS

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION
ONE (1) UNIT OF STEREOMICROSCOPE WITH DATA
ACQUISITION SYSTEM FOR PHYSICAL EVIDENCE
LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES,
MINISTRY OF HEALTH**

TENDER FEES : \$30.00

RECEIPT NO. :

CLOSING DATE : 05th May 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/77/2026/DSS

**INVITATION TO TENDER
TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION ONE (1) UNIT OF
STEREOMICROSCOPE WITH DATA ACQUISITION SYSTEM FOR PHYSICAL EVIDENCE
LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH**

NAME OF ITEM	ONE (1) UNIT OF STEREOMICROSCOPE WITH DATA ACQUISITION SYSTEM
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
1	<u>GENERAL</u>
1.1	A stereomicroscope suitable for forensic document examination involving handwriting, ink, paper, stamp, printing, and indentation.
1.2	The system comprises: <ul style="list-style-type: none">▪ Stereomicroscope, including all necessary modules for its proper operation▪ Camera system▪ System control & operating software▪ Data acquisition system and control tools▪ Other accessories
2	<u>MICROSCOPE FEATURES</u>
2.1	<u>OPTICAL SYSTEM & OPTICS CARRIER:</u>
2.1.1	Continuous zoom with a zoom ratio of $\geq 20:1$ to allow overview and detailed observation
2.1.2	Magnification range inclusive of approx. 8x to 160x (extendable with other objectives)
2.1.3	Resolution of ≥ 500 lp/mm (extendable with optional optics)
2.1.4	Allow high resolution and a large depth of field together at the same time for a 3D depth perception
2.1.5	Apochromatically corrected optics – no distracting colour fringes or distortions
2.1.6	Parfocal objective – objective changes without refocusing
2.1.7	Encoded zoom, iris diaphragm and objective nosepiece - provides continuous configuration
2.1.8	Large working distance
2.2	<u>OBJECTIVE</u> Supplied with the following microscope objective lens magnifications:
2.2.1	0.5x planapochromatic
2.2.2	1x planapochromatic

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
2.2.3	1.6x planapochromatic
2.2.4	2x planapochromatic
2.3	<u>OBSERVATION & ERGONOMICS:</u>
2.3.1	Trinocular viewing tube with adjustable viewing angle
2.3.2	10x wide-field eyepieces for eyeglass wearers - with replaceable eyecups
2.3.3	Adjustable interpupillary distance and diopter correction
2.3.4	Switchable beam path 100% camera or 100% eyepieces
2.3.5	Ergonomic accessories to allow operators to work comfortably for long hours
2.4	<u>MICROSCOPE STAND AND BASES:</u>
2.4.1	Motorised focus column
2.4.2	Large motorised base for large specimen (at least the size of an A4 document)
2.4.3	Suitable for all illumination types
2.5	<u>ILLUMINATION:</u>
2.5.1	Ring light illumination – for bright and uniform illumination, fully integrated with complete control and reproducibility of settings.
2.5.2	Spotlight illumination with flexible dual-arm gooseneck – for high contrast lighting.
2.5.3	Coaxial illumination – for reflective samples.
3	<u>CAMERA SYSTEM</u>
3.1	The camera should be compatible with the microscope stand offered. Microscope and digital camera configuration and control in a fully integrated manner.
3.2	Colour CMOS camera
3.3	At least 20 MP camera - able to capture high-resolution images at any magnification.
3.4	High frame rate of ≥ 30 fps for fast live images and able to see changes immediately in live images
4	<u>SYSTEM CONTROL & OPERATING SOFTWARE</u>
4.1	A control unit for motorised functions such as: - Focus - Zoom

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
	<ul style="list-style-type: none"> - Stage - Illumination - Camera operation
4.2	Genuine and compatible microscope software operating system with all related features
4.3	Save and recall settings for reproducible observations
5	<u>DATA ACQUISITION AND CONTROL TOOLS</u>
5.1	One (1) set of Desktop PC system with specifications following manufacturer's recommendation
5.2	Latest compatible processor
5.3	Genuine latest Microsoft Windows software operating system compatible for use with the stereomicroscope
5.4	At least 27" digital monitor
5.5	Genuine Microsoft Office software compatible with the operating system
5.6	Includes one top-notch anti-virus and malware protection system compatible with the operating system (one-time purchase)
6	<u>OTHER ACCESSORIES</u>
6.1	External 1TB Solid State Drive (SSD) – 2 units
6.2	LasetJet Colour Printer – 1 unit
6.3	Dehumidifier of at least 40L/day extraction capacity – 1 unit
6.4	Electronic dry cabinet, 100L – 1 unit
6.5	One (1) unit of Voltage Stabiliser with power supply rating suitable for the stereomicroscope and all associated accessories, must also be provided and connected to the instrument system and workstation
6.6	Dust cover, antistatic
6.7	Inclusive of all items or accessories required for the successful operation of the system
7	<u>DOCUMENTATION</u>
7.1	Factory product certification and verification report should be provided and compare with onsite verification report. System warranty certificates.
7.2	Full two (2) sets of operating and user manual should be provided upon commissioning.
8	<u>SITE PREPARATION</u>

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
8.1	Prospective tenderer must contact user and visit the site allocated for the microscope system to discuss regarding electrical work and/or any additional work required to ensure successful commissioning of equipment.
9	<u>TRAINING</u>
9.1	Training shall be included as follows:
9.2	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.
9.3	Certificate of competence is to be issued to all trainees after completion of training.
9.4	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 TWO (2) packs of off-site professional development training for TWO (2) key users. All expenses for attending the benchwork training shall be borne by the vendor; full registration, insurance , air ticket, daily allowance, accommodation, transport to and from the airport and place of training.
10	<u>WARRANTY</u>
10.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included
10.2	After-sales services must be provided for the product after one (1) year
10.3	<p>One-off preventive maintenance to be carried out just before or soon after the one-year warranty period. Scope of work to follow manufacturer's manual / recommendation specific for the equipment offered, which include:</p> <ul style="list-style-type: none"> ▪ Supply, delivery and installation of preventive maintenance kits and/or consumables ▪ Software update (to obtain prior authorization from user and BME) ▪ Inspection ▪ cleaning ▪ alignment ▪ calibration ▪ any other related preventive maintenance works required
11	<u>DELIVERY</u> Items offered MUST be delivered within _____ from date of approval. (Vendor to indicate the delivery period.)
12	<u>PRICE VALIDITY</u> Price validity MUST NOT BE LESS THAN twelve (12) months.

NO.	GENERAL SPECIFICATIONS*
A	Total Price: B\$
B	Delivery Period:
C	Model & Brand:
D	Country of Origin:
E	Where marketed:
F	Year of Manufacture:
G	Warranty:
H	Power Requirement:
I	Battery Back-up:
J	International Safety Standard:
K	Technical Support:
L	Equipment Whole Life Support:
M	Dimensions (WxHxD) cm:
N	User Manuals:
O	Service Manuals:
P	Spare-parts & Consumables Listing:
Q	Technical Training On-Site:
R	Site Requirements:

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

Bahagian/Unit/Makmal:	Physical Evidence Laboratory	
Bil. Rujukan Bahagian/ Unit/ Makmal:	DSS/PEV/PR/2025/001	
Pegawai dirujuk:	Nama:	Polyyati Haji Muhd Yunus Dk Nor Azeemah Pg Hj Rabaha
	E-mail:	polyyati.yunus@moh.gov.bn azeemah.rabaha@moh.gov.bn
	Tel. No.:	2382424 ext. 6057/6048 Fax No.: 2381946

SECTION 3
TENDER FORM

To:

TENDER REFERENCE NO.: KK/77/2026/DSS

INVITATION TO TENDER
TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION ONE (1) UNIT OF STEREOMICROSCOPE WITH DATA ACQUISITION SYSTEM FOR
PHYSICAL EVIDENCE LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH

TENDER OF (*name of tenderer*) : _____

Company/Business Registration No. : _____

Tender Closing Date : _____

NAME OF ITEM	
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick <input type="checkbox"/>) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1	<u>GENERAL</u>				
1.1	A stereomicroscope suitable for forensic document examination involving handwriting, ink, paper, stamp, printing, and indentation.				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick <input checked="" type="checkbox"/>) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1.2	The system comprises: <ul style="list-style-type: none"> ▪ Stereomicroscope, including all necessary modules for its proper operation ▪ Camera system ▪ System control & operating software ▪ Data acquisition system and control tools ▪ Other accessories 				
2	<u>MICROSCOPE FEATURES</u>				
2.1	<u>OPTICAL SYSTEM & OPTICS CARRIER:</u>				
2.1.1	Continuous zoom with a zoom ratio of $\geq 20:1$ to allow overview and detailed observation				
2.1.2	Magnification range inclusive of approx. 8x to 160x (extendable with other objectives)				
2.1.3	Resolution of ≥ 500 lp/mm (extendable with optional optics)				
2.1.4	Allow high resolution and a large depth of field together at the same time for a 3D depth perception				
2.1.5	Apochromatically corrected optics – no distracting colour fringes or distortions				
2.1.6	Parfocal objective – objective changes without refocusing				
2.1.7	Encoded zoom, iris diaphragm and objective nosepiece - provides continuous configuration				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick <input checked="" type="checkbox"/>) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
2.1.8	Large working distance				
2.2	OBJECTIVE Supplied with the following microscope objective lens magnifications:				
2.2.1	0.5x planapochromatic				
2.2.2	1x planapochromatic				
2.2.3	1.6x planapochromatic				
2.2.4	2x planapochromatic				
2.3	<u>OBSERVATION & ERGONOMICS:</u>				
2.3.1	Trinocular viewing tube with adjustable viewing angle				
2.3.2	10x wide-field eyepieces for eyeglass wearers - with replaceable eyecups				
2.3.3	Adjustable interpupillary distance and diopter correction				
2.3.4	Switchable beam path 100% camera or 100% eyepieces				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
2.3.5	Ergonomic accessories to allow operators to work comfortably for long hours				
2.4	<u>MICROSCOPE STAND AND BASES:</u>				
2.4.1	Motorised focus column				
2.4.2	Large motorised base for large specimen (at least the size of an A4 document)				
2.4.3	Suitable for all illumination types				
2.5	<u>ILLUMINATION:</u>				
2.5.1	Ring light illumination – for bright and uniform illumination, fully integrated with complete control and reproducibility of settings.				
2.5.2	Spotlight illumination with flexible dual-arm gooseneck – for high contrast lighting.				
2.5.3	Coaxial illumination – for reflective samples.				
3	<u>CAMERA SYSTEM</u>				
3.1	The camera should be compatible with the microscope stand offered. Microscope and digital camera configuration and control in a fully integrated manner.				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
3.2	Colour CMOS camera				
3.3	At least 20 MP camera - able to capture high-resolution images at any magnification.				
3.4	High frame rate of ≥ 30 fps for fast live images and able to see changes immediately in live images				
4	<u>SYSTEM CONTROL & OPERATING SOFTWARE</u>				
4.1	A control unit for motorised functions such as: - Focus - Zoom - Stage - Illumination - Camera operation				
4.2	Genuine and compatible microscope software operating system with all related features				
4.3	Save and recall settings for reproducible observations				
5	<u>DATA ACQUISITION AND CONTROL TOOLS</u>				
5.1	One (1) set of Desktop PC system with specifications following manufacturer's recommendation				
5.2	Latest compatible processor				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
5.3	Genuine latest Microsoft Windows software operating system compatible for use with the stereomicroscope				
5.4	At least 27" digital monitor				
5.5	Genuine Microsoft Office software compatible with the operating system				
5.6	Includes one top-notch anti-virus and malware protection system compatible with the operating system (one-time purchase)				
6	<u>OTHER ACCESSORIES</u>				
6.1	External 1TB Solid State Drive (SSD) – 2 units				
6.2	LasetJet Colour Printer – 1 unit				
6.3	Dehumidifier of at least 40L/day extraction capacity – 1 unit				
6.4	Electronic dry cabinet, 100L – 1 unit				
6.5	One (1) unit of Voltage Stabiliser with power supply rating suitable for the stereomicroscope and all associated accessories, must also be provided and connected to the instrument system and workstation				
6.6	Dust cover, antistatic				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
6.7	Inclusive of all items or accessories required for the successful operation of the system				
7	<u>DOCUMENTATION</u>				
7.1	Factory product certification and verification report should be provided and compare with onsite verification report. System warranty certificates.				
7.2	Full two (2) sets of operating and user manual should be provided upon commissioning.				
8	<u>SITE PREPARATION</u>				
8.1	Prospective tenderer must contact user and visit the site allocated for the microscope system to discuss regarding electrical work and/or any additional work required to ensure successful commissioning of equipment.				
9	<u>TRAINING</u>				
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
9.4	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 TWO (2) packs of off-site professional development training for TWO (2) key users. All expenses for attending the benchwork training shall be borne by the vendor; full registration, insurance , air ticket, daily allowance, accommodation, transport to and from the airport and place of training.				
10	WARRANTY				
10.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included				
10.2	After-sales services must be provided for the product after one (1) year				
10.3	One-off preventive maintenance to be carried out just before or soon after the one-year warranty period. Scope of work to follow manufacturer's manual / recommendation specific for the equipment offered, which include: <ul style="list-style-type: none"> ▪ Supply, delivery and installation of preventive maintenance kits and/or consumables ▪ Software update (to obtain prior authorization from user and BME) ▪ Inspection ▪ cleaning ▪ alignment ▪ calibration ▪ any other related preventive maintenance works 				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
	required				
11	DELIVERY Items offered MUST be delivered within _____ from date of approval. (Vendor to indicate the delivery period.)				
12	PRICE VALIDITY Price validity MUST NOT BE LESS THAN twelve (12) months.				
TOTAL PRICE (\$)					

NO.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
A	Total Price: B\$	
B	Delivery Period:	
C	Model & Brand:	
D	Country of Origin:	
E	Where marketed:	

NO.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
F	Year of Manufacture:	
G	Warranty:	
H	Power Requirement:	
I	Battery Back-up:	
J	International Safety Standard:	
K	Technical Support:	
L	Equipment Whole Life Support:	
M	Dimensions (WxHxD) cm:	
N	User Manuals:	
O	Service Manuals:	
P	Spare-parts & Consumables Listing:	
Q	Technical Training On-Site:	
R	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 provide the above mentioned services in accordance with your Invitation To Tender.
2. Our Tender is fully consistent with and does no 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. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDAR MONTHS FROM THE TENDER CLOSING DATE.
4. When requested by you, we shall extend the validity of this offer.
5. We further undertake to give you any further information which you may require.

Dated this _____ day of _____, _____

Signature of authorised officer of Tenderer

Name:

Designation:

Tenderer's official stamp