

**TENDER REFERENCE NO.: KK/404/2025/DSS**

**MINISTRY OF HEALTH  
NEGARA BRUNEI DARUSSALAM**

**TO SUPPLY, DELIVER, INSTALL AND COMMISSION ONE  
UNIT OF PORTABLE RAMAN SPECTROSCOPY FOR  
ILLICIT DRUGS LABORATORY, DEPARTMENT OF  
SCIENTIFIC SERVICES, MINISTRY OF HEALTH**

**TENDER FEES : \$30.00**

**RECEIPT NO. :**

**CLOSING DATE : ON TUESDAY, 20/01/2026**

**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/404/2025/DSS

INVITATION TO TENDER  
TO SUPPLY, DELIVER, INSTALL AND COMMISSION ONE UNIT OF PORTABLE RAMAN  
SPECTROSCOPY FOR ILLICIT DRUGS LABORATORY, DEPARTMENT OF SCIENTIFIC  
SERVICES, MINISTRY OF HEALTH

NAME OF ITEM	PORTABLE RAMAN SPECTROSCOPY
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
<b>1</b>	<b><u>GENERAL</u></b>
1.1	Tenderer is to supply <b>One (1) unit</b> of Portable Raman Spectroscopy for determining chemical constituents of an unknown sample.
1.2	All of the technical specification listed below offered by tenderer should be provided with hard copy of brochures, application or technical notes to be submitted together for tender evaluation.
1.3	The system shall be configured for the qualitative analysis of controlled drugs.
1.4	Expected features:
	a. Quick connect, no tools required
	b. Ability to detect type of accessory automatically
	c. On-screen guidance
	d. Active accessory interlock
<b>2</b>	<b><u>HARDWARE</u></b>
2.1	Mode of operation:
	a. Handheld 1064 nm Raman
	b. See-through container analysis
	c. Mixture analysis
2.2	Laser Wavelength: 1064 nm $\pm$ 0.5 nm
2.3	Spectral range: 176 — 2,500 cm <sup>-1</sup>
2.4	Spectral resolution: < 11 cm <sup>-1</sup> (FWHM) across range
2.5	Detector: 512 pixel Thermoelectric (TE) Cooled Indium Gallium Arsenide (InGaAs)
2.6	Library: Inclusive of Illicit & General Chemicals.
2.7	Battery: Swappable, rechargeable Li-ion
2.8	Connectivity: USB, Bluetooth, Wi-Fi

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
2.9	Digital touchscreen Display with tactile keys.
<b>3</b>	<b><u>ACCESSORIES</u></b>
3.1	Vendor to include the following attachments:
	a. See-Through
	b. Short working Distance
	c. Vial Holder
	d. Long Working Distance
	e. General
	f. Right Angle
	g. Polystyrene
	h. Immersion Probe
3.2	Others accessories:
	a. Lithium-ion battery
	b. Carrying case
	c. Accessory pouches
	d. 1064 nm laser goggles
	e. USB-C to USB-A cable
	f. Wrist strap.
<b>4</b>	<b><u>DATA MANAGEMENT AND ACQUISITION SYSTEM</u></b>
4.1	Data management and acquisition system must be supplied for the control of the instrument as well as allowing users for the recording and reviewing of the analysis data.
4.2	Must be supplied with software designed for use with the instrument.
4.2	System should include: <ul style="list-style-type: none"> <li>▪ One (1) unit of Laptop</li> <li>▪ Minimum of Intel core i7 processor or equivalent.</li> <li>▪ Minimum of 16 GB RAM</li> <li>▪ Minimum 500 GB Storage</li> <li>▪ At least 15" monitor</li> <li>▪ USB, bluetooth, HDMI, ethernet and wifi connectivity</li> <li>▪ Genuine latest Microsoft Windows software compatible for use with the system's software</li> <li>▪ Genuine latest Microsoft Office Software which should include Word, Excel and Powerpoint</li> <li>▪ One (1) unit of at least 1TB external USB SSD (with password protection).</li> </ul>
	<b>5</b>

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS
5.1	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.
5.2	Certificate of competence is to be issued to all trainees after completion of training.
5.3	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 <b>ONE</b> (1) packs of off-site professional development in analysis of drugs for <b>TWO</b> (2) key users per pack. All expenses for attending the 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.
<b>6</b>	<b><u>WARRANTY</u></b>
6.1	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
6.2	After-sales services must be provided for the product after one (1) year
6.3	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"> <li>▪ Supply, delivery and installation of preventive maintenance kits and/or consumables</li> <li>▪ Software update (to obtain prior authorization from user and BME)</li> <li>▪ Inspection</li> <li>▪ cleaning</li> <li>▪ alignment</li> <li>▪ calibration</li> <li>▪ any other related preventive maintenance works required</li> </ul>
<b>7</b>	<b><u>DELIVERY</u></b> Items offered <b>MUST be delivered within</b> _____ from date of approval. (Vendor to indicate the delivery period.)
<b>8</b>	<b><u>PRICE VALIDITY</u></b> Price validity <b>MUST NOT BE LESS THAN</b> twelve (12) months.

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

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

Bahagian/Unit/Makmal:	ILLICIT DRUGS LABORATORY	
Bil. Rujukan Bahagian/Unit/Makmal:	ILD/PROC/B250K/2504	
Pegawai dirujuk:	Nama: PG MOHD HELMY BIN PG HAJI RABAHA	
	E-mail: HELMY.RABAHA@MOH.GOV.BN	
	Tel.No.: 2384213	Fax No.: 2381946

**SECTION 3  
TENDER FORM**

To:

**TENDER REFERENCE NO: KK/404/2025/DSS**

**INVITATION TO TENDER  
TO SUPPLY, DELIVER, INSTALL AND COMMISSION ONE UNIT OF PORTABLE RAMAN SPECTROSCOPY FOR ILLICIT DRUGS LABORATORY,  
DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH**

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**TENDER OF (*name of tenderer*)** : \_\_\_\_\_

Company/Business Registration No. : \_\_\_\_\_

Tender Closing Date : \_\_\_\_\_

NAME OF ITEM	

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1	<b><u>GENERAL</u></b>				
1.1	Tenderer is to supply <b>One (1) unit</b> of Portable Raman Spectroscopy for determining chemical constituents of an unknown sample.				

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	All of the technical specification listed below offered by tenderer should be provided with hard copy of brochures, application or technical notes to be submitted together for tender evaluation.				
1.3	The system shall be configured for the qualitative analysis of controlled drugs.				
1.4	Expected features:				
	a. Quick connect, no tools required				
	b. Ability to detect type of accessory automatically				
	c. On-screen guidance				
	d. Active accessory interlock				
<b>2</b>	<b><u>HARDWARE</u></b>				
2.1	Mode of operation:				
	a. Handheld 1064 nm Raman				
	b. See-through container analysis				

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		
	c. Mixture analysis				
2.2	Laser Wavelength: 1064 nm ± 0.5 nm				
2.3	Spectral range: 176 — 2,500 cm-1				
2.4	Spectral resolution: < 11 cm-1 (FWHM) across range				
2.5	Detector: 512 pixel Thermoelectric (TE) Cooled Indium Gallium Arsenide (InGaAs)				
2.6	Library: Inclusive of Illicit & General Chemicals.				
2.7	Battery: Swappable, rechargeable Li-ion				
2.8	Connectivity: USB, Bluetooth, Wi-Fi				
2.9	Digital touchscreen Display with tactile keys.				
<b>3</b>	<b><u>ACCESSORIES</u></b>				
3.1	Vendor to include the following attachments:				
	a. See-Through				

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		
	b. Short working Distance				
	c. Vial Holder				
	d. Long Working Distance				
	e. General				
	f. Right Angle				
	g. Polystyrene				
	h. Immersion Probe				
3.2	Others accessories:				
	a. Lithium-ion battery				
	b. Carrying case				
	c. Accessory pouches				
	d. 1064 nm laser goggles				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
	e. USB-C to USB-A cable				
	f. Wrist strap.				
<b>4</b>	<b><u>DATA MANAGEMENT AND ACQUISITION SYSTEM</u></b>				
4.1	Data management and acquisition system must be supplied for the control of the instrument as well as allowing users for the recording and reviewing of the analysis data.				
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4.2	System should include: <ul style="list-style-type: none"> <li>▪ One (1) unit of Laptop</li> <li>▪ Minimum of Intel core i7 processor or equivalent.</li> <li>▪ Minimum of 16 GB RAM</li> <li>▪ Minimum 500 GB Storage</li> <li>▪ At least 15" monitor</li> <li>▪ USB, bluetooth, HDMI, ethernet and wifi connectivity</li> <li>▪ Genuine latest Microsoft Windows software compatible for use with the system's software</li> <li>▪ Genuine latest Microsoft Office Software which should include Word, Excel and Powerpoint</li> <li>▪ One (1) unit of at least 1TB external USB SSD (with password protection).</li> </ul>				
<b>5</b>	<b><u>TRAINING</u></b>				

NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick ✓) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
5.1	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.				
5.2	Certificate of competence is to be issued to all trainees after completion of training.				
5.3	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 <b>ONE</b> (1) packs of off-site professional development in analysis of drugs for <b>TWO</b> (2) key users per pack. All expenses for attending the 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.				
<b>6</b>	<b><u>WARRANTY</u></b>				
6.1	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				
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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		
	<ul style="list-style-type: none"> <li>▪ alignment</li> <li>▪ calibration</li> <li>▪ any other related preventive maintenance works required</li> </ul>				
7	<p><b><u>DELIVERY</u></b>  Items offered <b>MUST be delivered within</b> _____ from date of approval.  (Vendor to indicate the delivery period.)</p>				
8	<p><b><u>PRICE VALIDITY</u></b>  Price validity <b>MUST NOT BE LESS THAN</b> twelve (12) months.</p>				
<b>TOTAL PRICE (\$)</b>					

<b>NO.</b>	<b>GENERAL SPECIFICATIONS</b>	<b>VENDOR'S OFFER</b>
<b>A</b>	<b>Total Price: B\$</b>	
<b>B</b>	<b>Delivery Period:</b>	
<b>C</b>	<b>Model &amp; Brand:</b>	
<b>D</b>	<b>Country of Origin:</b>	<b>(leave blank)</b>
<b>E</b>	<b>Where marketed:</b>	
<b>F</b>	<b>Year of Manufacture:</b>	
<b>G</b>	<b>Warranty:</b>	
<b>H</b>	<b>Power Requirement:</b>	
<b>I</b>	<b>Battery Back-up:</b>	
<b>J</b>	<b>International Safety Standard:</b>	
<b>K</b>	<b>Technical Support:</b>	
<b>L</b>	<b>Equipment Whole Life Support:</b>	
<b>M</b>	<b>Dimensions (WxHxD) cm:</b>	
<b>N</b>	<b>User Manuals:</b>	
<b>O</b>	<b>Service Manuals:</b>	
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<b>Q</b>	<b>Technical Training On-Site:</b>	
<b>R</b>	<b>Site Requirements:</b>	

\*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 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. 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