

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	UBD/Q/210/2025 (CAMES) - [G]
TARIKH DIKLANKAN :	11 November 2025 [Selasa]
TARIKH TUTUP :	25 November 2025 [Selasa] JAM: 2 Petang
DOCUMENT FEE : B\$ 10.00	

IMPORTANT

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Mode of Payments > REFER IN UBD WEBSITE

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

Important Note: Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to helpdesk.epay@ubd.edu.bn , finance@ubd.edu.bn, eprocurement.support@ubd.edu.bn.

TITLE :		<u>TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSIONING LABORATORY EQUIPMENT FOR CENTRE FOR ADVANCED MATERIAL AND ENERGY SCIENCES, UNIVERSITI BRUNEI DARUSSALAM</u>
No.	Quantity	SPECIFICATIONS
1	1 unit	Hydrogen (H2) Gas Generator 120 cc/min into Gas Chromatography Instrument with Thermal Conductivity Detector and Flame Ionisation Detector Specifications: - Able to generate up to 700 cc/min of Hydrogen with purity better than 99.9999% and pressure up to 10 bar (145 psi). includes a new long life multilayer electrolytic cell with polymeric membrane (PEM) using distilled water. No acid or alkaline solutions are used. Main Applications: - GC-FID / GC-NPD / GC-FPD / THA - ICP-MS collision gas Other specification - Refilling metal hydride tanks for use with fuel cells - New long life multilayer PEM cell - High flow rate up to 700 cc/min - High pressure up to 10 bar (145 psi) - RS 232/485 and USB standard - LAN optional - Auto refill standard - High purity: 99.9999% - Static dryer no maintenance - Safety routine and self-monitoring - Smart humidity safe guard - High pressure GLS electronically controlled
	<i>continue spec for item no.1</i>	Inclusive: - Deionizer water filter - Dessicant refill Onsite installation: - Total cost should INCLUDE extra works electrical wiring installation, pipe tubing works, structural modifications etc. - Responsible for provision of all labour and both consumable and non-consumable materials for carrying out installation, calibration and testing at their expenses.

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No.	Quantity	SPECIFICATIONS
2	1 unit	Air Generator into Gas Chromatography Instrument with Thermal Conductivity Detector and Flame Ionisation Detector Specifications: - Able to remove the total hydrocarbons to less than 0.05 ppm. available with a low noise built-in pistons compressor, 100% oil-free. The filtration of the hydrocarbons is performed using a catalytic oven filled with palladium. Main Applications: - GC-FID - GC-NPD - GC-FPD - GC-PFPD - THA - Gas sensing
	<i>continue spec for item no.2</i>	Other specification: - Easy use and quick installation - Flow rate up to 30 L/min - Pressure up to 9 bar (130 psi) - RS 485 and RS 232 as standard - Purity: < 0.05 ppm THC - Long life and 100% oil free built-in compressor - Silent technology: < 52 dB(A) - No maintenance - Reduced foot print Inclusive: - Kit filter for ZA FID Air C - 2 KIT Onsite installation: - Total cost should INCLUDE extra works electrical wiring installation, pipe tubing works, structural modifications etc. - Responsible for provision of all labour and both consumable and non-consumable materials for carrying out installation, calibration and testing at their expenses.
3	2 units	6kVA/6kW Uninterruptible Power Supply (UPS) Specifications: - Rating: 6kVA/6kW (PF1.0) - Type: Tower Type - Input Voltage: 220/230/240 VAC 1 Phase - Output Voltage: 220/230/240 VAC 1 Phase, +-1% - Back up Time: 10-30 minutes based on load - Battery: 20 x 12V9AH Batteries Note: Compulsory to supply and Install 2 no of 35A SPN Isolator with termination. Inclusive: - Onsite installation; Total cost should cover any extra works electrical installation, structural modifications etc. - Warranty; 1 Year - Responsible for provision of all labor and both consumable and non-consumable materials for carrying out installation, calibration and testing at their expenses. - Provide after sales service beyond warranty period.