

SEBUTHARGA NO.: SH/27/2022
SCOPE OF WORKS, TECHNICAL SPECIFICATIONS & REQUIREMENTS

ITEM NOS.	CYBERSECURITY MALAYSIA's SCOPE OF WORKS, TECHNICAL SPECIFICATIONS & REQUIREMENTS	CYBERSECURITY MALAYSIA's RQMT LEVEL (See Note 1)	PLEASE TICK IF BIDDER COMPLY (See Note 2)	BIDDER'S REMARKS (INCLUDING DETAILS/REASONS AND ATTACHMENT) IF BIDDER DOES NOT COMPLY	BIDDER'S REMARKS IF ANY (INCLUDING DETAILS AND ATTACHMENT) IN SUPPORTING THEIR COMPLIANCE STATEMENT
A	GENERAL REQUIREMENTS				
1.0	<u>SCOPE OF WORKS</u>				
1.1	Bidder MUST fully comply with the scope of works, which include the supply, delivery, testing, commissioning, handover and acceptance of the hardware as specified in Scope of Works (SOW) Bill of Quantities and Price Schedules (BQ)	M			
1.2	The hardware shall be delivered (including appropriate packaging) to CyberSecurity Malaysia, Selangor, Malaysia.	M			
1.3	Bidder's partial compliance to the said scope of works shall be disqualified.	M			
2.0	<u>BIDDER'S RESPONSIBILITY</u>				
2.1	The bidder shall review this document and take full responsibility of obtaining information from CyberSecurity Malaysia as may be required to meet the specifications and requirements.	I			
2.2	The bidder shall review and fulfill all specifications and requirements before committing to sign the purchase agreement.	M			
2.3	The bidder shall be the authorized representative/reseller of the hardware in Malaysia. The bidder MUST provide letter of confirmation or appointment from the original hardware developer/manufacturer/distributor for our reference.	M			
3.0	<u>BIDDER PAST EXPERIENCES</u>				
3.1	Bidder shall have at least two (2) years experiences in supplying IT equipment.	M			
3.2	Bidder to provide list of client reference.	M			

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4.0	<u>DOCUMENTATION REQUIREMENTS</u>				
4.1	All documentation shall be in English. Bidder shall be responsible for any translation cost incurred (if any) in regard to the submission of the documentation required by this tender.	M			
4.2	CyberSecurity Malaysia reserves the right to reproduce all or part of the document submitted by the bidder for internal use.	G			
4.3	Bidder to provide brochures and other relevant documentation for the proposed hardware.	M			
5.0	<u>WARRANTY REQUIREMENTS</u>				
5.1	The warranty shall include both parts and labor.	M			
5.2	All hardware to have one (1) year standard warranty and maintenance services from the date of commissioning and acceptance by CyberSecurity Malaysia.	M			
6.0	<u>DELIVERY REQUIREMENTS</u>				
6.1	Successful bidder shall complete the entire scope of works in SIX (6) weeks or earlier after receipt of CyberSecurity Malaysia Letter of Acceptance (LOA).	M			
6.2	CyberSecurity Malaysia has the right to reject any kind of bugs during or after installation.	M			
6.3	The replacement shall be done in SIX (6) weeks or earlier without extra charge.	M			
6.4	The bidder shall be responsible for any incidence occurred during transportation of the unit to CyberSecurity Malaysia site.	M			

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B	<u>TECHNICAL SPECIFICATIONS & REQUIREMENT</u>				
1.0	<u>SPECIFICATION TITLE</u> Purchase specifications for the hardware renewal as per Technical Specification below.	I			
2.0	<u>TECHNICAL SPECIFICATION</u> Bidder's proposal of hardware must be able to follow exact, based-on the specification as below:	M			
2.1	GPU Desktop Processing Unit, specifications as follows or equivalent or higher: - <ul style="list-style-type: none"> i) Intel® Core™ i9-12900KF Processor ii) Z690 AORUS MASTER Motherboard iii) G.SKILL Trident Z5 RGB - 32GB (4x32GB) 6000MHz DDR5 [CL36 / CL40] Dual Memory Kit Black x2 total 128gb iv) Corsair iCUE H115i Elite Capellix Liquid CPU Cooler v) Cooling Socket Support Intel 1700, 1200, 1150, 1151, 1155, 1156, 1366, 2011, 2066 vi) NVME Master Storage OS SAMSUNG 980 PRO 1TB vii) HDD Storage Seagate BarraCuda Pro 6TB 7200RPM SATA III 6Gb/s 256MB Cache 3.5" Desktop Hard Drive - ST6000DM004 viii) GIGABYTE RTX 3090 24GB ix) PSU Unit ROG-STRIX-1000G x) Casing Thermalatke View 51 Tempered Glass ARGB Edition xi) Quantity: 3 	M			

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2.2	NUC 11 Pro Mini , specifications as follows or equivalent or higher : - i) Model NUC11TNKv7 ii) vPro with SprinxleIQ (802-0035-001) iii) 32GB DDR4 Memory Pre-Installed iv) 1TB NVMe PCIe M.2 SSD Pre-Installed v) Windows 10 Pro vi) Quad USB 2.0 vii) 1 year Support Service viii) Quantity: 4	M			
2.3	Portable Processing Unit , specifications as follows or equivalent or higher : - i) S14I Rugged Laptop Durabook ii) Windows® 10 Pro 64-bit iii) Intel® Core™ i7-1165G7 (11th Gen) 2.8GHz processor with Turbo Boost Technology up to 4.7GHz, 12MB cache iv) 32GB (3200MHz DDR4) v) 256GB NVME PCIE SSD vi) NVIDIA® GEFORCE GTX 1050 vii) Optional integrated 2.0 MP web-cam with shutter design viii) Quantity: 2	M			
2.4	Portable Processing Tablet , specifications as follows or equivalent or higher : i) U11I Rugged Tablet ii) Windows® 10 Pro iii) Intel® Core™ i7-10510Y vPro™ (10th Gen) 1.2GHz processor with Turbo Boost Technology up to 4.5GHz, 8MB cache iv) 16GB (1866MHz DDR3) v) 256GB NVME PCIE SSD vi) Front: Integrated 2MP Webcam vii) Rear: Optional 8MP auto-focus with flash viii) Quantity: 2	M			

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2.5	Smart Board Display Unit , specifications as follows or equivalent or higher : - i) Model IKIX Interactive Smartboard ii) 85" Interactive Touch Screen iii) 20 Points Touch iv) Infrared Technology v) 4K UHD Resolution vi) Anti-Glare Surface vii) Panel OS: Android 8.0, Quad Core, RAM 3G, ROM 32G viii) OPS Computer: i7, 64gb, 512SSD, WiFi, Windows 10 ix) Delivery: 4-6 weeks ARO x) Warranty: 3 years xi) Quantity: 1	M			
2.6	Wide Display Unit , specifications as follows or equivalent or higher : - i) Model Samsung Odyssey Neo G9 G95 ii) 49 inch curved iii) Active Display Size (HxV) (mm)1191.936(H) * 335.232(V) iv) Screen Curvature1000R v) HDR10+ Resolution 5120x1440 vi) Quantity: 2	M			
2.7	Solar Unit Power Station , specifications as follows or equivalent or higher : - i) Model Bluetti AC200P Power Station 2000w with PV350 Solar Panel (Compatible With BLUETTI AC200P/AC200MAX/AC300/EB150/EB240/EB500 / Foldable & Portable) ii) 2000W AC Pure Sine Wave Inverter (4,800W Surge) iii) 2,000Wh Capacity iv) LiFePO4 Battery with 3,500+ Life Cycles to 80% v) 17 Outputs For Multiple Devices	M			

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2.7	(cont'd) vi) 7 Ways to Recharge (AC/Solar/Car/Generator/Lead battery/Dual AC/AC+Solar) vii) 700W Max. Solar Input viii) 1200W Max. Fast Dual Charging (Solar + AC Adapter Simultaneously) ix) Eco-friendly/Gas free/Quiet/Cost-effective x) Quantity: 4				
2.8	Portable Unit Power , specifications as follows or equivalent or higher : - i) Baseus 65W PD 30000mAh Quick Charge Power Bank QC3.0 SCP AFC Powerbank External Battery Charger for Laptop ii) 65W Power Bank iii) Battery Capacity: About 30000mAh/3.8V iv) Rated Capacity: About 18000mAh v) Energy Conversion: About ≥78% vi) Input: vii) Micro: 5V/2A 9V/2A 12V/1.5A 18W Max. viii) Type-C: 5V/3A 9V/3A 12V/3A 15V/3A 20V/3A 60W Max. ix) For iP : 5V/2.1A x) Output: xi) USB4: 5V/4.5A 4.5V/5A 5V/3A 9V/3A 12V/2.5A 20V/1.5A 30W Max. xii) USB1/USB2/USB3: 5V/3A 15W Max. xiii) USB1/USB2/USB3+USB4: 5V/3A 15W Max. xiv) Type-C: 5V/3A 9V/3A 12V/3A 15V/3A 20V/3.25A 65W Max. xv) USB1/USB2/USB3+Type-C:5V/3A+45W xvi) USB4+Type-C:18W+45W xvii) USB1-USB4+Type-C:15W+45W xviii) Total output: 5V/6A xix) Size: 145*65*38mm xx) Weight: 550g xxi) Quantity: 7	M			

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2.9	Portable SSD Storage, specifications as follows or equivalent or higher: - i) SanDisk 2TB Extreme PRO Portable SSD V2 (E81, 1900MB/s Read Speeds) ii) 2TB Total Storage Capacity iii) USB 3.2 Gen 2x2 Type-C iv) Up to 2000 MB/s Read & Write Speeds v) Bus Powered vi) 256-Bit AES Hardware Encryption vii) IP55 Dust & Water Resistance viii) Carabiner Loop for Easy Transport ix) Aluminum Chassis with Silicon Shell x) Quantity: 9	M			
C	SUPPORT AND MAINTENANCE REQUIREMENT				
1.0	<u>VENDOR ASSISTANCE REQUIREMENT</u>				
1.1	Bidder is required to have an established technical support set-up in Malaysia.	M			
1.2	Bidder MUST possess technical support personnel. Bidder to specify the number of personnel.	M			
1.3	Bidder MUST provide technical onsite support for a period of one (1) year with 8 hours x 5 days	M			
1.4	Bidder MUST provide two (2) hours response time.	M			
1.5	Bidder MUST provide after sales support during the time period of the contract.	M			
1.6	Bidder MUST provide the Service Level Agreement (SLA).	M			

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