

TENDER REF. NO.: KK/200/2026/HTD

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION AND
COMMISSIONING OF HARDWARE AND ACCESSORIES
FOR THE BRUHEALTH PRODUCTION CLOUD - BATCH 3
(MOH/HTD/T20/2026)**

TENDER FEE : \$500.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 06th October 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/200/2026/HTD

INVITATION TO TENDER

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD - BATCH 3 - MOH/HTD/T20/2026

QUOTATION VALIDITY:	6 MONTHS
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ITEM NO.	DESCRIPTION	QTY
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)	
1.0	STORAGE SERVER	16
	Maginfa QR8228-T3 or equivalent solution, subject to compliance with all specified technical and functional requirements.	
	PROCESSOR: CPU with 128 Logical Cores 2 nos. of Intel Xeon 6530P CPU with 32 cores 64 threads 2.3 GHz base frequency, 144 MB cache 225W TDP per CPU	
	Random Access Memory: 512 GB Memory (Total) 8 nos of 64 GB DDR5-6400MHz ECC RDIMM	
	Hard Disk Drives (HDD): 8 nos of 8 TB SATA HDD Disk, 6 Gbps, 7.2K rpm, 3.5-inch Enterprise Grade	
	Solid State Drives (SSD): 4 nos. of 3.84 TB U.2, 16 GT/s, 2.5-inch, R-Standard (15.36 TB total)	
	Solid State Drives (SSD): 4 nos. of 480 GB SATA, 6 Gbps, 2.5-inch read optimized (1.92 TB Total)	
	RAID Controller: 1 no. RAID 9560-8i, 4 GB cache, 12 Gbps throughput, PCIe Gen4 x8 host interface	
	SuperCap Module: 1 no. CVPM05 (for RAID Cache Protection), Agile Bracket, Mainland China version	
	Network Interface: 2 nos. 10 Gbps Dual-Port NICs (Intel X710, PCIe x8, LC optical MMF)	
	Power Supply: Dual 1300W Titanium-rated PSUs which supports 220 V AC or 240 V DC input	
	Encryption Card: 1 × FPGA-based hardware encryption accelerator card, Maginfa or equivalent, supporting hardware-accelerated encryption/decryption and cryptographic processing	
	Accessories: Sliding rails, cable management and other required rack accessories.	

ITEM NO.	DESCRIPTION		QTY
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)		
2.0	Managed Network Switch		2
		Huawei CE6865-4C or equivalent solution, subject to compliance with all specified technical and functional requirements.	
		Supports 4 half-width flexible slots with flexible combination of 5 types of interface cards	
		24 nos. of 25GE ports per unit with 2 nos. of 100GE	
		10 nos. of 100GE ports (Optical)	
		16Tbps Switching Capacity	
		72MB buffer	
		Supports Link Aggregation Control Protocol (LACP), Bidirectional Forwarding Detection (BFD) for dynamic and static routing protocols (BGP, IS-IS, OSPF, and static routes), VXLAN overlays, hardware accelerated BFD, DPFR (Data Plane Fast Reroute), and MoFRR (Multicast-only Fast Reroute) for enhanced reliability.	
		Supports Telemetry, Netstream, ERSPAN+, IFIT (In-situ Flow Information Telemetry), and Packet Event for O&M visibility.	
		Enables VXLAN routing and bridging, BGP EVPN for scalable overlays, Multi-Chassis Link Aggregation (M-LAG) for redundancy, PFC and AI ECN for congestion management, MACsec for line-rate encryption, and 1588v2 for precision time synchronization.	
		728W maximum power consumption.	
		Power Supply Options: 2000W AC & 240V DC / 1800W AC & 240V DC / 2200W DC / 2000W HVDC.	
		Operating Voltage: 600W AC & 240V DC module: AC 90V–290V, 45Hz 65Hz; DC 190V–290V 1200W DC module: –38.4V DC to –72V DC; 40V DC to 57V DC.	
3.0	10G LC Multimode AOC (Active Optical Cable), 5m (including installation and test report)		90
4.0	100G QSFP Active Optical Cable (AOC), 5m (including installation and test report)		12

ITEM NO.	DESCRIPTION	QTY
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)	
5.0	Cat6 Ethernet Patch Cable, 5m (including installation and test report)	18
6.0	100G QSFP28-LR4 Single-mode Duplex Fiber Optic Transceiver, 10km (including installation and test report)	4
7.0	LC 4 * Single-mode Fiber Patch Cable, LC-LC, 10m (Including installation and test report)	4
8.0	Single-mode Fiber Patch Cable, LC-LC, 2m (Including installation and test report)	15
9.0	Cable Management Panel (Including installation)	8

SECTION 3

TENDER FORM

To:

TENDER REFERENCE NO.: KK/200/2026/HTD

INVITATION TO TENDER

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD - BATCH 3 - MOH/HTD/T20/2026

ITEM NO.	DESCRIPTION	QTY	COMPLY? (Y/N)	PLEASE SPECIFY THE EQUIPMENT BRAND / MAKE / MODEL & SPECIFICATION	UNIT PRICE	TOTAL COST	REMARKS
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)						
1.0	STORAGE SERVER	16			\$	\$	
	Maginfa QR8228-T3 or equivalent solution, subject to compliance with all specified technical and functional requirements.		(Y / N)				
	PROCESSOR: CPU with 128 Logical Cores 2 nos. of Intel Xeon 6530P CPU with 32 cores 64 threads 2.3 GHz base frequency, 144 MB cache 225W TDP per CPU		(Y / N)				
	Random Access Memory: 512 GB Memory (Total) 8 nos of 64 GB DDR5-6400MHz ECC RDIMM		(Y / N)				
	Hard Disk Drives (HDD): 8 nos of 8 TB SATA HDD Disk, 6 Gbps, 7.2K rpm, 3.5-inch Enterprise Grade		(Y / N)				
	Solid State Drives (SSD): 4 nos. of 3.84 TB U.2, 16 GT/s, 2.5-inch, R-Standard (15.36 TB total)		(Y / N)				
	Solid State Drives (SSD): 4 nos. of 480 GB SATA, 6 Gbps, 2.5-inch read optimized (1.92 TB Total)		(Y / N)				

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	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)						
	RAID Controller: 1 no. RAID 9560-8i, 4 GB cache, 12 Gbps throughput, PCIE Gen4 x8 host interface		(Y / N)				
	SuperCap Module: 1 no. CVPM05 (for RAID Cache Protection), Agile Bracket, Mainland China version		(Y / N)				
	Network Interface: 2 nos. 10 Gbps Dual-Port NICs (Intel X710, PCIe x8, LC optical MMF)		(Y / N)				
	Power Supply: Dual 1300W Titanium-rated PSUs which supports 220 V AC or 240 V DC input		(Y / N)				
	Encryption Card: 1 × FPGA-based hardware encryption accelerator card, Maginfra or equivalent, supporting hardware-accelerated encryption/decryption and cryptographic processing		(Y / N)				
	Accessories: Sliding rails, cable management and other required rack accessories.		(Y / N)				
2.0	Managed Network Switch	2			\$	\$	
	Huawei CE6865-4C or equivalent solution, subject to compliance with all specified technical and functional requirements.		(Y / N)				
	Supports 4 half-width flexible slots with flexible combination of 5 types of interface cards		(Y / N)				

ITEM NO.	DESCRIPTION	QTY	COMPLY? (Y/N)	PLEASE SPECIFY THE EQUIPMENT BRAND / MAKE / MODEL & SPECIFICATION	UNIT PRICE	TOTAL COST	REMARKS
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)						
	24 nos. of 25GE ports per unit with 2 nos. of 100GE		(Y / N)				
	10 nos. of 100GE ports (Optical)						
	16Tbps Switching Capacity		(Y / N)				
	72MB buffer		(Y / N)				
	Supports Link Aggregation Control Protocol (LACP), Bidirectional Forwarding Detection (BFD) for dynamic and static routing protocols (BGP, IS-IS, OSPF, and static routes), VXLAN overlays, hardware accelerated BFD, DPFR (Data Plane Fast Reroute), and MoFRR (Multicast-only Fast Reroute) for enhanced reliability.		(Y / N)				
	Supports Telemetry, Netstream, ERSPAN+, IFIT (In-situ Flow Information Telemetry), and Packet Event for O&M visibility.		(Y / N)				
	Enables VXLAN routing and bridging, BGP EVPN for scalable overlays, Multi-Chassis Link Aggregation (M-LAG) for redundancy, PFC and AI ECN for congestion management, MACsec for line-rate encryption, and 1588v2 for precision time synchronization.		(Y / N)				
	728W maximum power consumption.		(Y / N)				
	Power Supply Options: 2000W AC & 240V DC / 1800W AC & 240V DC / 2200W DC / 2000W HVDC.		(Y / N)				
	Operating Voltage: 600W AC & 240V DC module: AC 90V–290V, 45Hz 65Hz; DC 190V–290V 1200W DC module: –38.4V DC to –72V DC; 40V DC to 57V DC.		(Y / N)				

ITEM NO.	DESCRIPTION	QTY	COMPLY? (Y/N)	PLEASE SPECIFY THE EQUIPMENT BRAND / MAKE / MODEL & SPECIFICATION	UNIT PRICE	TOTAL COST	REMARKS
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)						
3.0	10G LC Multimode AOC (Active Optical Cable), 5m (including installation and test report)	90	(Y / N)		\$	\$	
4.0	100G QSFP Active Optical Cable (AOC), 5m (including installation and test report)	12	(Y / N)		\$	\$	
5.0	Cat6 Ethernet Patch Cable, 5m (including installation and test report)	18	(Y / N)		\$	\$	
6.0	100G QSFP28-LR4 Single-mode Duplex Fiber Optic Transceiver, 10km (including installation and test report)	4	(Y / N)		\$	\$	
7.0	LC 4 * Single-mode Fiber Patch Cable, LC-LC, 10m (Including installation and test report)	4	(Y / N)		\$	\$	
8.0	Single-mode Fiber Patch Cable, LC-LC, 2m (Including installation and test report)	15	(Y / N)		\$	\$	

ITEM NO.	DESCRIPTION	QTY	COMPLY? (Y/N)	PLEASE SPECIFY THE EQUIPMENT BRAND / MAKE / MODEL & SPECIFICATION	UNIT PRICE	TOTAL COST	REMARKS
	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HARDWARE AND ACCESSORIES FOR THE BRUHEALTH PRODUCTION CLOUD (MOH/HTD/T20/2026)						
9.0	Cable Management Panel (Including installation)	8	(Y / N)		\$	\$	
Total Amount:						\$	
Warranty:							
Ex stock (immediate else specify):							
	Please Also Observe the Following:	Acknowledgement:			Company's Official Stamp:		
	a. Quotation Validity: 6 months	Company Ref. No.:					
	b. Please fill up all the blanks, specify requirements as stated above	I hereby certify the above quote to be correct.					
	c. Failure to provide a specification shall be considered non-compliance.	Signature:					
		Designation:					
		Date:					

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