



PHILIPPINE CHILDREN'S MEDICAL CENTER  
 Quezon Avenue, Quezon City  
 ALTERNATIVE MODE

REQUEST FOR QUOTATION  
 No. RFQ-2024-592

Date : \_\_\_\_\_  
 Name of Supplier : \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Telephone No. : \_\_\_\_\_

Please quote your lowest price as per specifications per item listed below thru :  
 Alternative Mode of Procurement - (Negotiated Procurement - Small Value) on or before October 14, 2024.

Please fax your quotation at 8588-9997 or email at [pcmcproc@gmail.com](mailto:pcmcproc@gmail.com) / Attention: Ms. Lovely M. Algodon

PCMC REQUIREMENT				OFFER TO COMPLY WITH THE REQUIREMENTS					
Item No.	QTY	UNIT	Item Description						
1	1	lot	<b>Supply, Delivery, Installation, Termination, Testing and Commissioning Fiber Optic Cabling and LAN Switches for MISD, Brain and Spine Center, 8-Storey Building, and Pediatric Cancer Center (Conforme to the attached Terms of Reference)</b>						
			ABC per unit : <b>950,000.00</b>	<b>UNIT COST :</b>					
			Total ABC : <b>950,000.00</b>	<b>TOTAL COST :</b>					
			<b>Technical Specifications:</b>						
			<b>I. PASSIVE COMPONENTS</b>						
			<b>A. Specifications of the Main Equipment</b>						
			1,500	lms	1	<b>1. Fiber Optic Cable</b>			
						Fiber Count: 12 cores			
						Fiber Type: Single-mode			
						Fiber Size: 9/125 µm (core/cladding diameter)			
			4	sets	2	<b>19" Fiber Optic Patch Panel</b>			
						Panel Type: 19" Fiber Optic Patch Panel			
						Port Count: Varies (e.g., 24, 48, 72, etc.)			
						Port Type: SC (Subscriber Connector) simplex or duplex			
			10	pcs	3	<b>Duplex adaptor cord 1st end LC Duplex, 2nd LC Duplex</b>			
						Cord Type: Duplex Adaptor Cord			
						Connector Type: LC Duplex (both ends)			
						Fiber Type: G9/125 OS2 (Single-mode)			
			3	units	4	<b>Layer 2 Switches</b>			
						<b>General Specifications:</b>			
						Switch Type: Layer 2 Managed Switch			
Number of Ports: 24 Gigabit Ethernet Ports + 4 SFP ports									
Port Type: RJ-45, 10/100/1000Mbps, Auto-negotiation, and Auto-MDI/MDIX									
<b>Performance Specifications:</b>									
Switching Capacity: Varies (e.g., 128 Gbps, 256 Gbps) non-blocking									
Forwarding Rate: Varies (e.g., 95 Mpps, 130 Mpps) for 64-byte packets									
Packet Buffer Memory: Varies (e.g., 4 MB, 8 MB) shared among all ports									
<b>Layer 2 Features:</b>									
VLAN: Supports up to 4,096 VLANs (IEEE 802.1Q)									
Spanning Tree: Supports IEEE 802.1D, 802.1w, and 802.1s									
Link Aggregation: Supports IEEE 802.3ad (LACP)									
Port Mirroring: Supports one-to-one, many-to-one, and flow-based mirroring									
IGMP Snooping: Supports IGMP v1, v2, and v3									
Static MAC: Supports up to 256 static MAC addresses									



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			<b>Security Features:</b>
			Access Control: Supports IEEE 802.1X, MAC-based, and IP-based access control
			Port Security: Supports up to 256 MAC addresses per port
			Storm Control: Supports broadcast, multicast, and unknown unicast storm control
			RADIUS and TACACS+: Supports authentication, authorization, and accounting (AAA)
			<b>Management and Monitoring:</b>
			Management Interface: Supports Web-based management, CLI, and SNMP v1, v2c, and v3
			SNMP: Supports MIB-II, Bridge MIB, and RMON MIB
			Syslog: Supports syslog logging and alerting
			RMON: Supports RMON v1 and v2
	6	units	<b>5. Optical Transceiver Module</b>
			Connector 1: LC Duplex
			Connector 2: LC Duplex
			Fiber Type: Multimode
			Fiber Standard: OM3
			Length: 2.0 meters
	4	units	<b>6. 7ft Closed Type Network Cabinet</b>
			<b>Cabinet Specifications:</b>
			Type: Closed type network cabinet
			Height: 7 feet (84 inches or 2134 mm)
			Width: 23.6 inches (600 mm)
			Depth: 39.4 inches (1000 mm)
			Material: Steel with a powder-coated finish
			Color: Black
			Weight: Approximately 150-200 pounds (68-91 kg)
			<b>Side Wire Manager Specifications:</b>
			Type: Vertical cable management system
			Material: Steel with a powder-coated finish
			Width: 2-3 inches (50-75 mm)
			Depth: 1-2 inches (25-50 mm)
			Cable capacity: Up to 100-200 cables
			<b>PDU (Power Distribution Unit) Specifications:</b>
			Type: Rack-mountable PDU
			Power rating: 16-32 amps
			Voltage: 240V AC
			Outlet quantity: 8-24 outlets
			Monitoring: Optional remote monitoring and control capabilities
			<b>Cooling Specifications:</b>
			Type: Passive cooling system (natural convection)
			Airflow: Front-to-rear airflow design
			Fans: Optional fan trays for active cooling
			<b>Security Specifications:</b>
			Locking mechanism: Keyed or combination lock
			Door type: Hinged door with a 180-degree opening angle
			Door material: Steel with a powder-coated finish