

November 5, 2021

REQUEST FOR QUOTATIONS

The Philippine Council for Health Research and Development (PCHRD), through its Bids and Awards Committee (BAC), requests PhilGEPS registered suppliers to submit **quotations for the Supply and delivery of Laptop, Mirrorless Camera set with lens, and 54 Port Gigabit Network Switch with a total approved budget for the contract (ABC) in the amount of Two Hundred Sixty Thousand Pesos (P 260,000.00).**

a. One (1) unit Laptop

- CPU: 1.8GHz Intel Core i7-8565U (quad-core, 8MB cache, up to 4.6GHz)
- Graphics: Intel UHD Graphics 620
- RAM: 16GB LPDDR3 (2,133MHz)
- Screen: 13.3-inch, FHD IPS BrightView WLED
- Storage: 512GB PCIe SSD
- Ports: 2 x Thunderbolt 3 (USB-C), 1 x USB 3.1 Type-A, HDMI, headset jack, External Nano SIM
- Connectivity: Intel AX200; Wi-Fi 6; Bluetooth 5
- Camera: Widescreen HD (720p) webcam
- Weight: 2.2 pounds (0.99kg)
- Size: 11.98 x 7.78 x 0.63 in (30.42 x 19.76 x 1.6cm; W x D x H)
- **ABC = PhP 85,000.00**

b. One (1) unit Mirrorless Camera Set with 15-45 mm lens

- AF Modes: One-Shot AF, Servo AF
- AF Point Selection: Automatic selection, Manual Selection
- AF System Points: 143 / 99 AF Points **Up to 143 AF points may be displayed when a compatible lens is attached.
- Built-in Flash: YES
- Closest Focusing Distance (cm): 25
- Continuous Shooting Speed (Shots Per Sec) (Up To): 10 (One-Shot AF) / 7.4 (Servo AF) Digital Zoom
- Dimensions (Excl. Protrusions) (mm) (Approx.): 116.3 x 88.1 x 58.7
- Drive System: Stepping Motor-driven lead screw + rack system
- Effective ISO: 100-25600 (H:51200)
- Effective Pixels (Megapixels): 24.1
- Exposure Compensation: Manual: ± 3 stops in 1/3-stop increments, AEB: ± 2 stops in 1/3-stop increments
- Eye Detection AF: Available: One-Shot AF
- Flash modes: E-TTL II Autoflash, FE Lock, Manual pop-up, Retractable, Built-in
- Focal Length (35mm Equivalent): 24 – 72mm (3x)
- Guide Number ISO 100 meters: 5
- Image Resolution: 6000 x 4000 (L) 3984 x 2656 (M) 2976 x 1984 (S1) 2400 x 1600 (S2) 6000 x 4000 (RAW)
- Image Stabilizer: Lens-shift type
- LCD Monitor (Size) (Inch): 3.0
- LCD Monitor Resolutions (dots): 1040000
- Manual Focus: YES

- Memory Card Type SD, SDHC*, SDXC*, *UHS-I cards compatible
- Metering Mode: 384-zone TTL Evaluative, Partial, Spot, Centre-weighted average
- Movie Format: MP4
- Optical Zoom: 3x
- Optional power: AC Power (Compact Power Adapter CA-PS700 and DC Coupler DR-E12)
- Peripheral Connections: Micro USB, HDMI (Type D), Mic-in
- Processor Type: DIGIC 8
- Sensor Size: APS-C
- Shooting Modes: Program AE, Shutter-priority AE, Aperture-priority AE, Manual Exposure
- Shutter Speed Range (Sec.): 30 – 1/4000, Bulb
- Silent Shutter: Available: Single Shot
- Standard Power Supply: Battery Pack LP-E12
- Still Image Format: JPEG, RAW, RAW + JPEG, C-RAW, C-RAW + JPEG
- Viewfinder Coverage (Approx.): 100
- Viewfinder Type: OLED
- Weight (g) (Including the battery and memory card) (Approx.)* For camera kits, weight includes kit lens(es): 517 (Black) / 520 (White)
- White Balance: Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash). Custom, Color Temperature setting (approx.. 2500-10000 K), White balance correction and white balance bracketing features provided * Flash color temperature information transmission possible.
- X-sync (sec.): 1/200
- **ABC = PhP 55,000.00**

c. Six (6) units '54 Port Gigabit Network Switch

- 48 x 10/100/1000BASE-T PoE ports
- 2 x 10GBASE-T and 4 x 10G SFP+ ports provide all the uplink capacity your network needs
- Premium L2 and L3 features effortlessly improve network efficiency and reduce unnecessary data transfer
- High redundancy features to provide professional-grade reliability and a longer product life:
 - Dual power inputs
 - Ethernet Ring Protection Switching with $\leq 50\text{ms}$ recovery time
 - 6 kV surge protection protects the device and those connected from unexpected surges
 - 802.1d/w/s Spanning Tree Protocol avoids potentially network crippling loops
- RIP/RIPng and OSPFv2/v3 dynamically maps out your network, aiding data to get to its destination via the fastest route possible.
- A formidable PoE budget of 370W allows powering of numerous external devices (further expandable to 740W)
- Expand capacity in a flash with physical stacking up to 9 units
- 80 Gbps per device physical stacking bandwidth
- Smart fan self-adjusts accordingly to maintain optimal operating temperatures
- **ABC = PhP 120,000.00**

Qualified bidders should submit their quotations to the address below **on or before November 12, 2021 (Friday), 10:00 AM**. Failure to strictly comply with the deadline and general conditions shall automatically disqualify the bidder/s from the bidding process. Winning bidder will be required to submit additional requirements as stipulated in the IRR of RA 9184.

PCHRD reserves the right to reject any or all quotations, to waive formality therein and to accept offers that may be considered most advantageous to the government.

For further information, please refer to:

Mr. Cirio D. Pangan Jr.

Secretariat, Bids and Awards Committee

Philippine Council for Health Research and Development

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(sgd.)

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Chair, BAC