



TERMS OF SPECIFICATION

SUPPLY, DELIVERY AND INSTALLATION OF ICT EQUIPMENT (NEGOTIATED PROCUREMENT-TWO-FAILED BIDDINGS)

I. RATIONALE

The Philippine Science High School – Zamboanga Peninsula Region Campus (PSHS-ZRC) as growing campus continues to adhere to its vision to prepare scholars to become globally competitive Filipino scientists. In doing so, PSHS-ZRC commits to provide state of the art facilities especially in the field of interconnectivity and computer technology.

Through the approved allocation for the capital outlays under General Appropriations Act 2021, PSHS-ZRC intends to apply the sum of TWO MILLION EIGHT HUNDRED THOUSAND PESOS (P2,800,000.00) as the approved budget for the contract of *Supply, Delivery and Installation of ICT equipment. (Negotiated Procurement-Two- Failed Biddings)*

II. OBJECTIVES

The project aims to:

- Increase productivity and efficiency through the availability of high-end facilities.
- Enhance the delivery of instructions through the use of ICT equipment.

III. Technical Specifications

I Lot	The Supply, Delivery and Installation of ICT equipment. (Negotiated Procurement-Two- Failed Biddings)		P 2,800,000.00
Item No.	Unit	Specification/Description	Qty
1	Unit	<p>DESKTOP DOCUMENT CAMERA WITH OPTICAL ZOOM (Branded)</p> <p>EFFECTIVE PIXELS at least 2MP (1920 x 1080 pixels) CAMERA SENSOR at least 1/2.7 inch CMOS Sensor FRAME PER SECOND at least 30fps OUTPUT RESOLUTION at least 1080p resolution DISPLAY OUT SXGA (1280 x 1024) / XGA (1024 x 768) / WXGA (1280 x 800) / HD (1360 x 768) / 1080p (1920 x 1080) ZOOM at least 10x for Digital and 12x for optical MICROPHONE Built-in AV RECORDING Built-in SD CARD SLOT Built-in HDMI 480p / 720p / 1080p USB-B VGA / SVGA / XGA / SXGA / WXGA / 720p / 1080p WARRANTY At least 18 months warranty for parts and labor</p>	Supply and Delivery 8
2	Unit	<p>DSLR CAMERA</p> <p>MEGAPIXEL & SENSOR 24.2MP APS-C CMOS Sensor LENS Kit Lens 18-55mm LCD SCREEN 3" Rear Touchscreen Swivel LCD (1,040,000) VIDEO RECORDING 1920 x 1080p at 59.94 fps (60 Mbps MP4 via H.264); 1920 x 1080p at 23.98, 29.97 fps (30 Mbps MP4 via H.264); 1920 x 1080p at 29.97 fps (12 Mbps MP4 via H.264); 1280 x 720p at</p>	Supply and Delivery 1



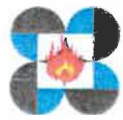
		<p>59.94 fps (26 Mbps MP4 via H.264); 1280 x 720p at 29.97 fps (4 Mbps MP4 via H.264); 640 x 480p at 29.97 fps (9 Mbps MP4 via H.264); 640 x 480p at 29.97 fps (3 Mbps MP4 via H.264); 1920 x 1080p at 29.97 fps (90 Mbps MOV via iFrame)</p> <p>FOCUS Auto; Manual; Continuous Auto ISO Auto, 100-25600 (Extended Mode: 100-51200) CONTINUOUS SHOOTING Up to 6 fps at 24.2 MP for up to 190 frames in JPEG format; Up to 6 fps at 24.2 MP for up to 21 frames in raw format; Up to 3 fps at 24.2 MP for up to 190 frames in JPEG format; Up to 3 fps at 24.2 MP for up to 21 frames in raw format SHUTTER SPEED 30 - 1/4000 Second , Bulb Mode TOUCH SCREEN Yes WIRELESS FUNCTIONS Wi-Fi / NFC and Bluetooth Low Energy VIEWFINDER Eye-level pentamirror FILTER SIZE Front: 58 mm FOCAL LENGTH 18 - 55mm; Comparable 35mm Focal Length: 28.8 - 88 mm APERTURE Maximum: f/4 - 5.6 CARD SLOT SD / SDHC* / SDXC* memory cards * UHS-I cards supported COLOR Black WARRANTY At least 18 months warranty BATTERY (2 pcs) LP-E17 Rechargeable Lithium-Ion Battery Pack, 7.2 VDC, 1040 mAh</p>		
3	Set	<p>SMALL FORM FACTOR DESKTOP PC AND LED MONITOR (Branded)</p> <p>At least 9th Generation 4 Cores processor with at least 2.6 GHz with a thermal design power that does not exceed 65 watts and supports hyper-virtualization</p> <ul style="list-style-type: none"> - At least 2GB Dedicated Graphics Card - Pre-installed 64-bit Operating System (Preferably Windows 10 Pro Operating System) - At least 4 GB DDR4 memory, Up to 16GB - At least 256GB SSD - Gigabit Ethernet 10 / 100 / 1000 - Front I/O ports: USB 3.1 Gen 1 and 2.0, USB Type C - Rear I/O ports: USB 3.1 Gen 1 and 2.0, HDMI, VGA, RJ45, Speaker and Mic jacks - With USB Keyboard and USB Optical Mouse - At least 20" LED Monitor with at least 1920 x 1080 resolution, VGA and DVI-D/HDMI/ Display port compatible - AVR - Power Supply: Rating 80+ bronze minimum (non-generic) - Hard disk shall be formatted in the manner of 40% for the system disk and 60% data disk. - At least 18 months on desktop and 3 years for monitor (warranty) 	Supply, Delivery and Installation	15
4	Unit	<p>COMMON USE- LAPTOP – Branded (for Faculty and Staff)</p> <p>PROCESSOR At least 6 Cores with 12 Threads 4600H Processor (up to 4.0GHz) or equivalent or better OPERATING SYSTEM Pre-installed 64-bit Operating System (Preferably Windows 10 Pro Operating System)</p>	Supply and Delivery	20



		MEMORY At least 8GB DDR4 On-board memory DISPLAY 15.6" 144Hz Full HD IPS-Type. GRAPHIC At least 2GB or better STORAGE At least 256GB PCIe SSD CARD READER Multi-format card reader (SD/SDXC) WEBCAM VGAWebcam HD 720p CMOS module NETWORKING Integrated Wi-Fi 5 (802.11 ac) Bluetooth -Bluetooth® 4.2 AUDIO Built-in 2 W Stereo Speakers with Microphone ACCESSORIES Backpack Bag, USB Optical Mouse WARRANTY At least 24 months Warranty for parts and labor PORT USB Port 3.0, HDMI/Display port compatible, RJ45 Ethernet Port, Audio Jack		
5	Unit	MULTITASKING AND HEAVY DUTY PERFORMANCE LAPTOP- Branded (for Journalism, Technology Teachers, MIS Coordinator & ISA) PROCESSOR At least i7 10 TH Generation. - 8 Cores Processor (At Least 8M Cache, up to 5.1GHz) or equivalent or better GRAPHICS At least 6GB GDDR6 STORAGE At least 512GB PCIe NVMe M.2 SSD MEMORY At least 16GB DDR4 3200MHz RAM (Preferably upgradable upto 32GB) OPERATING SYSTEM Pre-installed 64-bit Operating System (Preferably Windows 10 Pro Operating System) DISPLAY Size: at least 15.6 " 144Hz Full HD IPS-Type. CARD READER Multi-format card reader (SD/SDXC) WEBCAM VGAWebcam HD 720p CMOS module EXTRA CONNECTIVITY Gig+ Wi-Fi 6 (802.11ax) } USB Type-C Charging Capable ACCESSORIES Backpack Bag, Wired USB Optical Mouse, PORT USB Port 3.0, HDMI/Display port compatible, RJ45 Ethernet Port, Audio Jack WARRANTY At least 24 months Warranty for parts and labor	Supply and Delivery	6

IV. Other Requirements

1. The bidder must submit original brochure or actual image of ALL deliverables including specifications *during bid submission*.
2. Within the warranty period, repairs should be done within the campus.
3. The winning bidder must provide at least one (1) copy of the technical manual/documentation (English) in printed hard copy and electronic soft copy
4. Render support services to PSHS-ZRC within the warranty period as follows:
 - a. Technical support will be provided through phone calls or email within regular working hours from Monday to Friday, 8:00AM to 5:00PM
 - b. If the supplied equipment is found defective and need to be pulled-out, the contractor shall provide replacement with the same or higher specifications.
 - c. Rectify and or/replace any part that fail to pass any test/inspection or make alteration necessary to meet the specification.
5. Delivery period will be within 120 days

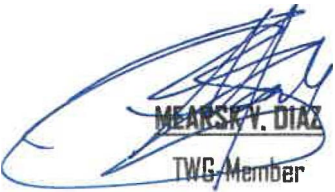


6. The bidder must be at least five (5) years in the business.

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