



PHILIPPINE INSTITUTE FOR DEVELOPMENT STUDIES
18th Floor Three Cyberpod Centris-North Tower EDSA Quezon City
Tel No. 8877-4013/4006 : Fax 8877-4099 : TIN # 000-844-550

REQUEST FOR QUOTATION

Date: March 25, 2025
Reference No (PR No.): 2025-083

To All Interested Bidders:

This is to request for quotation on the PIDS procurement requirement enumerated hereunder. If you are interested and, in a position, to furnish the same, we shall be glad to have your best price, terms and conditions of delivery, submitted not later than **31 March 2025 (10:00AM)** addressed to the *Procurement Management Division of the Administrative and Finance Department* at the abovementioned address. PIDS reserves the right to reject any and/or all bids, declare failure of bidding, or not award the contract under the conditions specified in Section 41 of the 2016 Revised IRR of RA 9184.

The price quotation/s, to be denominated in Philippine peso, **shall include all applicable taxes, duties, and/or levies payable.**

Very truly yours,

July R. Suing
CAO, Procurement Management Division

Item	Qty	UOM	Articles/Description	Unit Cost	Total Cost
1	1	unit	Supply and Delivery of Professional Full-Frame Stills/Video Mirrorless Camera with 24-120mm f/4 S, Zoom Lens. See attached Specifications. Delivery Terms: Within thirty (30) calendar days upon receipt of Purchase Order. ABC – PhP435,600.00		
			Requirements: <ul style="list-style-type: none"> Valid Mayor's/Business Permit PhilGEPS Registration No. (if PhilGEPS Platinum Certificate is provided, Mayor's/Business Permit is no longer required, as long as the attached permit in the Certificate is valid.) Notarized Omnibus Sworn Statement <ul style="list-style-type: none"> Notarized Authority of Signatory (if applicable) 		

The price and details of the above offer are certified correct:

Name of Firm (<i>Bidder</i>)	Signature over Printed Name of <i>Bidder's Representative</i>
Address	Business Permit No.
Telephone and/or Mobile No.	Tax Identification Number (<i>TIN</i>)
Email Address	PhilGEPS Registration Number

Note: PIDS is evaluating its supplier's performance based on the quality of services rendered or goods delivered, timeliness of delivery, customer/after sales service and overall quality of service.

Professional Full-Frame Stills/Video Mirrorless Camera with 24-120mm f/4 S, Zoom Lens Technical

Specifications – 1 Unit

Camera Body	
Type:	
Lens Type	Digital camera with support for interchangeable lenses
Lens Mount	Z mount
Picture Angle	Full-frame/FX-format
Image Sensor:	
Sensor Size	35.9 mm x 23.9 mm
Image Sensor Type	Stacked CMOS sensor
Total Pixels	52.37 million
Dust-Reduction System	Image sensor cleaning, Image Dust Off reference data
Image Area (Pixels)	[FX (36 x 24)] selected for image area: (L) 8256 x 5504 (45.4 million) (M) 6192 x 4128 (25.6 million) (S) 4128 x 2752 (11.4 million); [DX (24 x 16)] selected for image area: (L) 5392 x 3592 (19.4 million) (M) 4032 x 2688 (10.8 million) (S) 2688 x 1792 (4.8 million); [1:1 (24 x 24)] selected for image area: (L) 5504 x 5504 (30.3 million) (M) 4128 x 4128 (17.0 million) (S) 2752 x 2752 (7.6 million); [16:9 (36 x 20)] selected for image area: (L) 8256 x 4640 (38.3 million) (M) 6192 x 3480 (21.5 million) (S) 4128 x 2320 (9.6 million)
Effective Pixels (Megapixels)	45.7 million
Image Sensor Format	Full-frame/FX-format
Movie:	
Movie	8K UHD 7,680x4,320 / 30p (progressive), 8K UHD 7,680x4,320 / 25p, 8K UHD 7,680x4,320 / 24p, 4K UHD 3,840x2,160 / 60 fps, 4K UHD 3,840x2,160 / 50 fps, 4K UHD 3,840x2,160 / 30 fps, 4K UHD 3,840x2,160 / 25 fps, 4K UHD 3,840x2,160 / 24 fps, Full HD 1,920x1,080 / 120 fps, Full HD 1,920x1,080 / 100 fps, Full HD 1,920x1,080 / 60 fps, Full HD 1,920x1,080 / 50 fps, Full HD 1,920x1,080 / 30 fps, Full HD 1,920x1,080 / 25 fps, Full HD 1,920x1,080 / 24 fps, Actual frame rates for 120p, 100p, 60p, 50p, 30p, 25p, and 24p are 119.88, 100, 59.94, 50, 29.97, 25, and 23.976 fps respectively
Movie Metering	TTL exposure metering using main image sensor
Time-Lapse Movie	Yes
Movie HDMI Output	Type-A HDMI Connector
Movie Log Gamma Output	N-Log or HLG videos are recorded to “memory card”. When NOT using memory card in Z 9 and using external recorder: N-Log or HLG video are recorded to “external recorder via HDMI-output”. When using both memory card in Z9 and external recorder: N-Log or HLG video are recorded to both “memory card” and “external recorder via HDMI-output”. However, if you select 8K30p/25p/24p or 4K120p/100p, the recording frame size for HDMI-output is changed to FHD. For example, if you select 8K30p, memory card is 8K30p and HDMI-output is FHD30p, if you select 4K60p, memory card is 4K60p and HDMI-output is 4K60p.
Time Code	Yes
Movie Active D-Lighting	Extra high, High, Normal, Low, and Off
Movie ISO	M mode: Manual selection (ISO 64 to 25600 in steps of 1/3 or 1 EV); with additional options available equivalent to approx. 0.3, 0.7, 1 or 2 EV (ISO 102400 equivalent) above ISO 25600; auto ISO sensitivity control (ISO 64 to Hi 2.0) available with selectable upper limit; P, S or A mode: Auto ISO sensitivity control (ISO 64 to High 2.0) with selectable upper limit
Movie Audio	Built-in stereo or external microphone with attenuator option; sensitivity adjustable
Movie Audio Recording Format	Linear PCM (for videos recorded in MOV) or AAC (for videos recorded in MP4)
Movie Video Compression	N-RAW (12 bit), Apple ProRes RAW HQ (12 bit), Apple ProRes 422 HQ (10 bit), H.265/HEVC (8 bit/10 bit), H.264/AVC (8 bit)
Movie File Format	Linear PCM, AAC
Movie Maximum Recording Time	2 hours 5 minutes
Movie Frame Size (Pixels) and Frame Rate	<ul style="list-style-type: none"> 7680x4320 (8K UHD); 30p (progressive), 25p, 24p 3840x2160 (4K UHD); 120p, 100p, 60p, 50p, 30p, 25p, 24p 1920 x 1080; 120p, 100p, 60p, 50p, 30p, 25p, 24p; Actual frame rates for 120p, 100p, 60p, 50p, 30p, 25p, and 24p are 119.88, 100, 59.94, 50, 29.97, 25, and 23.976 fps respectively

AF For Movie	AFD Speed and AF Tracking Sensitivity can be adjusted
File System:	
File Format Still Images	JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8), or basic (approx. 1:16) compression; size-priority and optimal-quality compression available NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats NEF (RAW): 14-bit with lossless, high-efficiency*, or high-efficiency compression
Picture Control	Auto, Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat, Creative Picture Controls (Dream, Morning, Pop, Sunday, Sombre, Dramatic, Silence, Bleached, Melancholic, Pure, Denim, Toy, Sepia, Blue, Red, Pink, Charcoal, Graphite, Binary, Carbon); selected Picture Control can be modified; storage for custom Picture Controls
File System	DCF 2.0, Exif 2.32
Storage Media	CFexpress (Type B) XQD Type Memory
Card Slot	2 CFexpress cards or XQD cards. The card in Slot 2 can be used for overflow or backup storage, for separate storage of NEF (RAW) and JPEG pictures, or for storage of duplicate JPEG pictures at different sizes and image qualities; pictures can be copied between cards
Viewfinder:	
Viewfinder	1.27-cm/0.5-in. approx. 3690k-dot (Quad VGA) OLED electronic viewfinder with color balance and auto and 16-level manual brightness controls
Eye Sensor	Automatically switches between monitor and viewfinder displays
Viewfinder Diopter Adjustment	-4 - +3 m (*1)
Viewfinder Eyepoint	21 mm (-1.0 m-1; from rearmost surface of viewfinder eyepiece lens)
Viewfinder Magnification	Approx. 0.8x (50 mm lens at infinity, -1.0 m -1)
Viewfinder Frame Coverage	Approx. 100% horizontal 100% vertical
Shutter:	
Shutter Type	Electronic shutter with shutter sound and sensor shield
Frame Advance Rate	1/32000 to 30 s (choose from step sizes of 1/3, 1/2, and 1 EV, extendable to 900 s in mode M), bulb, time
Shutter Release Modes	S (single frame), CL (continuous low speed), CH (continuous high-speed), High-speed frame capture, Self-timer
Flash Sync Speed	Flash synchronizes with shutter at speeds of 1/250 or 1/200 s or slower (but note that the guide number drops at speeds of 1/200 to 1/250 s); sync speeds as fast as 1/8000 s are supported with auto FP high-speed sync. *Depending on the shutter speed, horizontal lines may appear in pictures when using auto FP high-speed sync.
Continuous Shooting Options	Up to 120 fps; Continuous low speed: Approx. 1 to 10 fps, Continuous high-speed: Approx. 10 to 20 fps, High-speed frame capture (C30): Approx. 30 fps, High-speed frame capture (C120): Approx. 120 fps * Maximum frame advance rate as measured by in-house tests.
Shutter Speed	Flash synchronizes with shutter at speeds of 1/250 or 1/200 s or slower (but note that the guide number drops at speeds of 1/200 to 1/250 s); sync speeds as fast as 1/8000 s are supported with auto FP high-speed sync. *Depending on the shutter speed, horizontal lines may appear in pictures when using auto FP high-speed sync.
Self-Timer	2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals of 0.5, 1, 2, or 3 s
Slowest Shutter Speed	900 sec
Fastest Shutter Speed	1/32000 sec
Top Continuous Shooting Speed at Full Resolution	20 fps
Exposure:	
Exposure Metering	TTL metering using camera image sensor
Exposure Modes	Matrix metering; Center-weighted metering: Weight of 75% given to 12- or 8-mm circle in center of frame or weighting can be based on average of entire frame; Spot metering: Meters circle with a diameter of approx. 4-mm centered on selected focus point; Highlight-weighted metering
Exposure Lock	Luminosity locked at detected value
Exposure Compensation	-3 to +3 EV in steps of 1/3 or 1/2 EV
Metering Range	-3 to +17 EV
Sensitivity:	
ISO Sensitivity	ISO 64 to 25600 in steps of 1/3 or 1 EV; can also be set to (Recommended Exposure Index) approx. 0.3, 0.7 or 1 EV (ISO 32 equivalent) below ISO 64 or to approx. 0.3, 0.7, 1 or 2 EV (ISO 102400 equivalent) above ISO 25600; auto ISO sensitivity control available
Active D-Lighting	Can be selected from: Auto High Normal Low Off Extra high 2 Extra high 1

Highest Standard ISO Sensitivity	25600
Lowest Standard ISO Sensitivity	64
Focus/Autofocus:	
Focus Point	493 points
Focus Modes	Pinpoint AF, single-point AF, dynamic-area AF (S, M and L), wide-area AF (S and L), auto-area AF, 3D-tracking and subject-tracking AF (available in video mode only); Pinpoint AF, dynamic-area AF
AF-Area Mode	Pinpoint AF, single-point AF, dynamic-area AF (S, M and L), wide-area AF (S and L), auto-area AF, 3D-tracking and subject-tracking AF (available in video mode only); Pinpoint AF, dynamic-area AF and 3D-tracking are available in photo mode only
Lens Servo	Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF-C); full-time AF (AF-F; available only in movie mode); predictive focus tracking Manual focus (M): Electronic rangefinder can be used
VR (Vibration Reduction) Image Stabilization	5-axis image sensor shift
Detection Range	-6.5 to +19 EV (-8.5 to +19 EV with starlight view (Measured in photo mode at ISO 100, f/1.2 lens, at a temperature of 20 °C/68 °F)
Autofocus System	Hybrid phase-detection/contrast AF with AF assist
Maximum Autofocus Areas/Points	493
Flash:	
Flash Compensation	-3 to +1 EV in steps of 1/3 or 1/2 EV
Flash-Ready Indicator	Lights when optional flash unit is fully charged; flashes as underexposure warning after flash is fired at full output
Accessory Shoe	ISO 519 sync terminal with locking thread
Flash Control	TTL: i-TTL flash control; i-TTL balanced fill-flash is used with matrix, center-weighted, and highlight-weighted metering, standard i-TTL fill-flash with spot metering
Flash Sync Modes	Front-curtain sync, slow sync, rear-curtain sync, red-eye reduction, red-eye reduction with slow sync, off
Creative Lighting System (CLS)	i-TTL flash control, radio-controlled Advanced Wireless Lighting, optical Advanced Wireless Lighting, modeling illumination, FV lock, Color Information Communication, Auto FP High-Speed Sync, unified flash control
Flash Sync Terminal	Yes
White Balance:	
White Balance	Auto (3 types), Choose color temperature (2,500 K–10,000 K), Cloudy, Direct sunlight, Flash, Fluorescent (3 types), Incandescent, Natural light auto, Preset manual (up to 6 values can be stored) all with fine-tuning, Shade
White Balance Bracketing	1
Monitor:	
Monitor Size	8 cm / 3.2 in., approx. 2100k-dot vertically and horizontally tilting TFT touch-sensitive LCD with 170° viewing angle, approx. 100% frame coverage, and color balance and 11-level manual brightness controls
Monitor Resolution	Approx. 2100 k-dot
Monitor Type	Vertically and horizontally tilting TFT touch-sensitive LCD with 170° viewing angle, approximately 100% frame coverage, and color balance and 11-level manual brightness controls
Monitor Angle of View	8 -cm (3.2 –in.) diagonal
Playback:	
Voice Memo Function	Yes
Playback Functions	Full-frame and thumbnail (up to 4, 9, or 72 pictures) playback with playback zoom, playback zoom cropping, video playback, histogram display, highlights, photo information, location data display, auto picture rotation, picture rating, voice memo input and playback, and IPTC information embedding and display
Interface:	
Interface	USB: Type C USB connector (SuperSpeed USB); connection to built-in USB port is recommended Audio Input: Stereo mini-pin jack (3.5 mm diameter; plug-in power supported) Audio Output: Stereo mini-pin jack (3.5 mm diameter) Type A HDMI connector 10 pin remote terminal: Built-in

Wi-Fi Functionality	Standards: IEEE 802.11b/g/n (Africa, Asia, Bolivia, and Oceania); Standards: IEEE 802.11b/g/n/a/ac (Europe, U.S.A., Canada, Mexico); Standards: IEEE 802.11b/g/n/a (other countries in the Americas) Operating frequency: 2412–2462 MHz (channel 11; Africa, Asia, Bolivia, and Oceania) Operating frequency: 2412–2462 MHz (channel 11) and 5180–5805 MHz (other countries in the Americas) Operating frequency: 2412–2462 MHz (channel 11) and 5180–5825 MHz (U.S.A., Canada, Mexico) Operating frequency: 2412–2462 MHz (channel 11) and 5745–5805 MHz (Georgia) Operating frequency: 2412–2462 MHz (channel 11) and 5180–5320 MHz (other European countries) Maximum output power (EIRP): 2.4 GHz band: 8.4 dBm Maximum output power (EIRP): 5 GHz band 6.0 dBm (Georgia) Maximum output power (EIRP): 5 GHz band: 9.0 dBm (other countries) Authentication: Open system, WPA2-PSK, WPA3-SAE
Smart Device App Connectivity	App that allows users to wirelessly connect the camera to a compatible smartphone or tablet and transfer photos and videos
GPS	Via the app; Built-in
Menus:	
Supported Languages	English
Power:	
Battery/Batteries	Rechargeable Li-ion Battery Pack 10.8V, 330mAh 36Wh
Battery Life (Shots per Charge)	[Viewfinder only] selected for monitor mode with: [ON] selected for [Energy saving (photo mode)] in the setup menu: Approx. 740 shots; [Viewfinder only] selected for monitor mode with: [OFF] selected for [Energy saving (photo mode)] in the setup menu: Approx. 700 shots; [Monitor only] selected for monitor mode with: [ON] selected for [Energy saving (photo mode)] in the setup menu: Approx. 770 shots; [Monitor only] selected for monitor mode with: [OFF] selected for [Energy saving (photo mode)] in the setup menu: Approx. 740 shots; Photo Mode (Burst Photography): Number of Shots: Approx. 5310 shots; Movies: [Viewfinder only] selected for monitor mode: Approx. 170 minutes; [Monitor only] selected for monitor mode: Approx. 170 minutes
AC Adapter	Charging AC Adapter
Battery Charger	Battery Charger
Miscellaneous:	
Weight (G)(Body Only)	1340 g (47.3 oz.); Approx. 1340 g (2 lb. 15.3 oz.) with battery and memory card but without body cap and accessory shoe cover; Approx. 1160 g (2 lb. 9 oz.) camera body only
Length x Height x Width (MM)(Body Only)	149 mm (5.9 in.) x 149.5 mm (5.9 in.) x 90.5 mm (3.6 in.)
Tripod Socket	0.635 cm (1/4 in., ISO 1222)
Animal Eye AF	Yes
4K UHD	Yes
Wi-Fi	Yes
Bluetooth	Communication protocols: Bluetooth Specification Version 5.0; Operating frequency: Bluetooth: 2402–2480 MHz; Bluetooth Low Energy: 2402–2480 MHz; Maximum output power (EIRP) Bluetooth: 2.9 dBm, Bluetooth Low Energy: 1.4 dBm
Compatible Lens:	
Focal Length	24-120mm
Lens Type	Zoom
Zoom Ratio	5x
Maximum Aperture	f/4
Minimum Aperture	f/22
Format	FX
Maximum Angle of View (DX-Format)	61° – 12°20'
Maximum Angle of View (FX-Format)	84° – 20°20'
Maximum Reproduction Ratio	0.39x
Lens Elements	16
Lens Groups	13
Compatible Format(s)	FX, DX
Diaphragm Blades	9
Arneo Coat	Yes
Nano Crystal Coat	Yes
ED Glass Elements	3

Fluorine Coat	Yes
Aspherical Elements	3
Autofocus	Yes
Internal Focusing	Yes
Minimum Focus Distance	1.15 ft (0.35m) from focal plane at all zoom positions
Focus Mode	Auto/Manual
Filter Size	77mm
Accepts Filter Type	Screw-in
Approx. Dimensions (Diameter x Length)	3.4 in.84 mmx4.7 in.118 mm
Approx. Weight	22.2 oz. 630 g
Warranty	<ul style="list-style-type: none"> • The warranty includes one year of parts and labor, as well as one year of onsite support for ALL parts of the package, both internal and external. • Must include phone support during business hours.
Note: Specifications, features, and functions being offered by the bidders will be included in the evaluation of the bid.	

Total estimated price: ₪ 435,600.00/unit

CONFORME:

Signature over Printed Neme
Supplier's Representative