Republic of the Philippines
VISAYAS STATE UNIVERSITY
PROCUREMENT OFFICE
R E Q U E S T   F O R   Q U O T A T I O N (RFQ)

PR No: 2FB-20-56   **Date:** <u>14/01/2021</u>

Mode of Procurement : 2-Failed Bidding

Name of Supplier: _____

Delivery Period: *within 30 calendar days from receipt of P.O*

Address of Supplier: _____

Deadline for Submission of RFQ: **5 days from receipt**

Item	D E S C R I P T I O N	Unit	Qty	ABC (Pesos)	Bid Price/Unit	Offer Brand and Model
1	**All-in-one Printer (Print, Scan, Copy) Ink tank system**	set	1	8,000.00		
	Specifications:					
	- Features: Multi-function Inkjet Printer, color print (Black, Refillable Ink Tank)					
	- Printing Type: Colour					
	- Printing Technology: Inkjet					
	- Scanner Type: Flatbed					
	- Print Resolution: 5760x1440 DPI Print Speed Black: 33 PPM Print Speed Colour: 15 PPM Paper Size: 10x15cm(4x6in), 13x18cm(5x7in), 9x13cm(3.5x5in), A4, A5, A6, B5, Letter(8 1/2x11in) Scanning Method: CIS Network: USB 2.0 Color: Black Paper Tray: 100 Sheets Warranty: 1 Year(s) Printer Type: Multifunction					
2	**Cisco VOIP Phone**, SPA 502G (Must be the same fleet of existing VSU VOIP), POE	units	1	7,000.00		
3	Computer Printer	units	5	5,000.00		
	with USB support, printer speed (CPM):at least 30ppm & up					
	printer function type:photo printer					
	printer connectivity type: USB					
	1 x Printer w/CISS set up ready(4 color external tanks					

	filled w/4 color premium dye inks 1 x 100ml					
	(black, cyan, magenta, yellow)					
	Plus 1 set premium dye ink					
4	**Data Cabinet 1**0U, ISO certified, top fan, polycarbonate front, surge protection, easy access. Supplier must provide complete Datasheets.	units	4	10,000.00		
5	**Data Cabinet**, 10U, with 2-Fan, surge protect power strip, can open front and sides cover with keys. Flexiglass front, ISO standard, durable metal frame.	unit	1	12,000.00		
6	**DOCUMENT SCANNER (Flat Bed)**	unit	1	30,000.00		
	General					
	Type Documents - desktop scanner					
	Interface type USB 3.0					
	Size Max. documents that support 216 x 3100 mm					
	Location English, German, French, Italian, Spanish / Europe					
	Scanner					
	Input type Color					
	Grayscale depth 8-bit (256 grey levels)					
	Color depth 24-bit (16.7 million colors)					
	Optical resolution 1200 dpi x 1200 dpi					
	Scan mode Single-pass					
	To two sides automatic Yes					
	Scan element type CMOS / CIS					
	Type of lamp / light source LED					
	Maximum speed of scanning of documents in b & w 25 ppm					
	Maximum speed of scanning color documents 25 ppm					
	Functions of the buttons on the control panel Explore, cancel, duplex, tools					
	Duty cycle 3000 scans per day					
	Speed of scanner data 25 ppm - 300 DPI ¦ 50 ipm - duplex - 300 dpi (front) / 300 dpi (back)					
	Scanner functions Integrated LCD screen					
	Compliance TWAIN, WIA					
	Media management					

Maximum size of documents 216 mm x 3100 mm					
Type of document that supports Plain paper, plastic tags, photo, card on					
Details of the size of the documents that support ADF - up to 216 x 3100 mm flat ¦ - up to 216 x 297 mm					
Document feeder type Automatic					
Storage of documents 50 sheets					
Expansion / connectivity					
Interfaces USB 3.0					
Different					
Cables included 1 x USB cable					
Compatible with Windows 7 Applications and devices "Compatible with Windows 7" are assurance of Microsoft that these products were subjected to tests for compatibility and reliability with 32-bit and 64-bit Windows 7.					
Compliance CISPR 24, c-Tick, BSMI, cUL, EN 61000-3-2, EN55022, ICES-003, SASO, EN 61000-3-3, CISPR 22, CCC, EMC, RoHS, IEC 60950-1, EN 60950-1, UL 60950-1 Second Edition, KCC, BSMI CNS 13438, FCC CFR47 Part 15 B, CSA C22.2 No. 60950-1 Second Edition, KN22, EAC, TER, PVOC, CoC					
Environmental standards					
ENERGY STAR certification Yes					
Power					
Feeding device External electric transformer					
Voltage required AC 120/230 V (50/60 Hz)					
Power consumption standby 4.51 Watts					
Stop power consumption 1.4 Watts					
Software / system requirements					
Software included Readiris Pro, Cardiris, Nuance PaperPort, HP Scan HP Scanner Tools Utility					
OS required Microsoft Windows 7 (32/64 bits), Windows 8 (32/64 bits), Windows 8.1 (32/64 bits), Apple MacOS X 10.9, Apple MacOS X 10.10, 10 Windows (32/64 bit)					

	Details of the system requirements Windows 7/8/8.1/10 - 2 GHz - RAM 2 GB - HD 170 MB ¦ MacOS X 10.9/10.10 - 1 GB RAM					
	Environment parameters					
	Minimum operating temperature 10 ° C					
	Maximum operating temperature 35 ° C					
	Operating humidity range 15 80% (non-condensing)					
7	**LAPTOP**	unit	1	35,000.00		
	Display Size: 15.6"					
	Resolution: HD (at least 1366 X 768) FHD (at least 1920 X 1080)					
	Panel Type: Anti Glare LED Backlit Display					
	CPU: CORE i3					
	Processor Model: 10th Generation Intel Core i3- or higher					
	Chipset Integrated with the Processor					
	GPU Model: Intel HD Graphics 520 with shared graphics Memory					
	Intel HD Graphics 630 with shared graphic memory					
	RAM: at least 8GB					
	Memory Type DDR4					
	Storage Type: 240GB SSD					
	Optical Drive Built-in DVD-RW					
	Connectivity HDMI					
	USB3.1, licensed Windows 10 Home					
	Battery 40WHr (4 cell) battery (removable) 45 watt AC Adapter (w/ standard graphics)					
	65 watt AC Adapter (w/ discrete graphics option)					
8	**LAPTOP**	unit	1	26,000.00		
	Operating System: Windows 10 Home					
	Processor: Intel Core 13-7020U-delete at least 8th generation-added Processor (3M Cache, 2.30 GHz)					
	Memory: 4GB DDR4, up to 16GB (maximum)					
	Card Reader: SD Card					
	Storage: 1TB Hard Drive					
	Screen: at least 14" HD LED Display					
	Optical Drive: NO ODD					

	Graphics: Integrated Graphics					
	Connectivity: 802.11 AC Wireless LAN Gigabit LAN					
	Audio & Video: 640 x 480 Webcam Digital Microphone 1 x Speaker 300 kilopixel (Front Camera)					
	Ports & Connectors: 1 x USB 3.0, 2x USB 2.0, Network (RJ-45), HDMI Output					
	Input Devices: Touch Pad, Non-backlit Keyboard					
	Battery: 2-Cell 4810 mAh Li-Polymer					
	Package Contents: Laptop, Lithium Polymer Battery, AC Adapter					
9	**Laptop**	unit	1	40,000.00		
	Intel Core i5 at least 10th Generation Processor 1.0 GHz 6M Cache, upt to 3.60 GHz					
	Windows 10 Home					
	4GB onboard memory 1xS0-DIMM socket (for expansion)					
	14" (16.9) LED-backlift FHD (1920x1080) 60Hz anti-glare panel with 45% NTSc					
	NVIDIA Geforce MX330, with 2gb GCCRS VRAM					
	256 GB Pcle Gen3x2 SSD					
10	**LAPTOP**	unit	1	32,000.00		
	Operating System: Windows 10 Home					
	Processor: at least Intel Core i3 at least 10th Generation Processor (3M Cache, 2.30 GHz)					
	Memory: at least 8GB DDR4, up to 16GB (maximum)					
	Card Reader: SD Card					
	Storage: at least 256 GB SSD					
	Screen: 15.6" HD LED Display					
	Optical Drive: NO ODD					
	Graphics: Integrated Graphics					
	Connectivity: 802.11 AC Wireless LAN Gigabit LAN					
	Audio & Video: 640 x 480 Webcam Digital Microphone 1 x Speaker 300 kilopixel (Front Camera)					
	Ports & Connectors: 1 x USB 3.0, 2x USB 2.0, Network (RJ-45), HDMI Output					
	Input Devices: Touch Pad, Non-backlit Keyboard					

	Battery: 2-Cell 4810 mAh Li-Polymer					
	Package Contents: Laptop, Lithium Polymer Battery, AC Adapter					
11	**LAPTOP**	unit	2	51,000.00		
	Processor: Intel CoreTM i7 at least 10th Generation Processor					
	Operating System: Licensed Windows 10 Home					
	Memory: at least 8GB SDRAM					
	Display: at least 15.6" (16:9) LED Backlit fhd (1920 x 1080) 60Hz Anti-Glare Panel with 72% NTSC with 178" wide viewing angle display 15.6" (16:9) LED backlit HD					
	Graphic: NVIDIA GeForce MX150, with 2gb GDDR5 VRAM					
	Storage: Hard Drives: at least 1TB 5400RPM SATA HDD; Solid State Driver: at least 128GB SATA3 M.2 SSD					
	Keyboard: Chiclet Keyboard/Illuminated Chiclet; Keyboard (on selected models)					
	Card Reader: Multi-Format card reader (SD/SDHC)					
	WebCam - VGA Web Camera *1					
	Networking					
	Wifi					
	Integrated 802.11 AC (2x2)					
	Bluetooth					
	Built in Bluetooth V4.1					
	Interface					
	1 x Microphone-in Headphone-out jack					
	1 x Type C USB 3.0 (USB3.1 GEN1)					
	1 X USB 3.0 Port(s)					
	1 X USB 2.0 Port(s)					
	1 x HDMI, Support HDMI					
	1 x Fingerpint (On selected models)					
	*1 year Warranty					
12	LAPTOP- Brand New and Branded	unit	1	86,700.00		
	CPU: at least Processor i7-9750H					
	OPERATING SYSTEM: Windows 10 Pro					
	RAM: 32GB (Upgradable to 646B)					

	HARD DRIVE: Primary 512 GB (M.2 Pcle NVMe Class 40 SSD)					
	DISPLAY SIZE: 17.3"					
	HIGHEST RESOLUTION: 3840 x 2160, Native					
	RESOLUTION: 3840 x 2160					
	GRAPHIC CARDI: Nuidia Quadro P5200					
	VIDEO MEMORY: 16GB					
	WIFI: 802.11ac					
	WIFI MODEL: Intel Dual Band Wireless AC 9260					
	BLUETOOTH: Bluetooth 5.0					
	TOUCHPAD SIZE: 3.9" x 2.1"					
	PORTS:					
	1. Headphone/Mic					
	2. Thderbolt 3					
	3. HDMI 2.0					
	4. Smart Card Reader					
	5. Finger Print Scanner					
	6. SD Card Slot					
	7. Ethernet					
	8. Lock Slot					
	9. IR					
	10. USB 3.1 GEN1					
	11. USB 2.0 (5 slots)					
	CARD SLOTS: SD/SDHC Card Reader					
	WARRANTY SUPPORT: 3-Year Warranty					
	Battery: at least 8+ hours of battery life					
13	Monitor, 23" LED monitor, with VGA & HDMI input	units	2	6,000.00		
14	NETBOOK	unit	1	14,000.00		
	at most 11.6" display					
	Intel Celeron					
	Memory: at least 2GB RAM					
	Storage: at least 500GB HDD					
	OS: Windows 10					

15	Outdoor Portable Speaker, Wireless w/ wireless microphone, at least 300 watts, 15"	units	2	15,000.00	
16	Printer - Ink Tank System All-in-One Functions. Print, Scan, Copy 3 pi, with variable-sized droptlet technology Dye Ink, 5760x1440 dpi, 180 nozzle black 59 per color (1 unit)	lot	1	9,660.00	
	Ink refill 70 ml (4 colors per set: Cyan, Magenta, Yellow, Black, same brand with the printer) 2 sets				
17	PRINTER, 3 in 1, Continuous Ink Supply System, Precision Core Printhead, 400 nozzle black, 128 nozzle per colour, 3.3pl with variable-sized droplet technology, dye ink, bi-directional printing, uni-directional printing, 4,800x1,200 dpi, Print, Scan, Copy, Fax,	unit	1	18,000.00	
	Print Speed: 13.7ipm black/7.3ipm color,				
	Best Print Speed: 6.5ipm black/4.5ipm color,				
	Photo Print Speed (10cmx15cm): 69 sec per photo with border, Automatic 2 sided printing,				
	Copy Speed: 11 sec black/5.5ipm color,				
	Copy Quality: Normal/Best, Up to 99 max copies, 25-400% Auto Fit Function, Max				
	Copy Size: A4, Letter, Legal,				
	Scanner Type: Flatbed/ADF, Sensor: CIS,				
	Copy Resolution: 600x600 dpi,				
	Optical Resolution: 1,200 x 2,400 dpi, 48 bit input/24 bit output color, 16 bit input/8 bit output grayscale, 16 bit input/1 bit output black,				
	Print Margin: 3mm top/left/right/bottom,				
	Interface: USB 2.0, Ethernet, 802.11b/g/n, Wi-fi Direct, Mobile and Cloud Printing, 2.2" Mono LCD Screen, Mac OS 10.7.x/10.8.x/10.9.x/X 10.6.8 or later, Windows 7/7 x64/8/8 (32/64 bit)/8.1/8.1 x64 Edition/Vista/Vista x64/XP x64/XP Professional x64 Edition,				
	Rated Voltage: AC 220-240V;				
	Rated Frequency: 50-60Hz, Power Consumption Operating: 11W; Standby: 4.4W; Sleep: 1.5W;				

	Power Off: .3W, Noise Level 5.9B (A), 46dB (A)- PC Printing / Premium Glossy Photo Paper Best 6.4B (A), 50dB(A)- PC Printing / Plain Paper default,					
18	**Printer, 3-in-1** (Print, Scan & Copy)	unit	1	8,500.00		
	Compact integrated tank design; print, copy, scan functions					
	Print speeds up to 15pm for black and 8.0ip for colour					
	Borderless Printing up to A4 Size					
	Spill free ink refilling					
	Compact integrated tank design					
	Print speeds up to 15ipm for black & 8.0ipm for colour					
	Auto-duplex printing					
	Ethernet & wif-fi direct					
	Borderless Printing up to A4 size					
	Spill-free ink refilling					
	1 year warranty					
19	**Printer, 3-in-1** (Print, Scan & Copy)	unit	2	8,500.00		
	5,760 x 1440DPI					
	15 pages per min printing speed					
20	**Printer, All-in-One**, Ink Tank, with ADF	unit	1	17,000.00		
21	**PRINTER,** Multi Function with Continuous Ink System (Print, Scan, Copy)	unit	1	10,000.00		
	5,760 x 1440DPI					
	15 pages per min printing speed					
22	**Printer, Print, Scan & Copy, will also print vellum board type of paper ISO Standard**	unit	1	8,500.00		
	◉*Printer Speed (A4): up to 8.8ipm (mono)/5.0ipm (colour)*					
	◉*Photo Speed (4 x 6"): 60 sec. (borderless)*					
	◉*Maximum Printing Resolution: 4800 (Horizontal) 1 x 1200*					
	◉*Print head/ink*					
	◉*Number of Nozzles: total of 1472 nozzles*					
	◉*Ink bottles: GI-790 (black, cyan, magenta, yellow)*					
	◉*Borderless Printing: Top/Bottom/Right/Left Margin each*					

	◉*Bordered Printing: Top Margin: 3mm, bottom margin: 5mm*					
	◉*Plain Paper: A4, A5, B5, Letter= 100, legal =10, High*					
	◉*A4, letter = 80, Photo Paper Plus Glossy II (PP-201)*					
	◉*A4, letter = 10, 4x6" = 20.5*					
23	Printer, Refillable Ink Tank Wireless	pc	1	13,000.00		
24	**PRINTER**, Wifi Duplex All-in-one	pcs	2	14,500.00		
	Print speeds up to 15ipm for black and 8.0ipm for colour					
	Auto Duplex Printing					
	Ethernet & Wifi Direct					
	Borderless Printing up to A4 size					
	Spill-free ink refilling					
	1.4 refilling					
	1.4 inch colour LCD panel					
	Bi-Directional Printing					
	Uni-Directional Printing					
	400 nozzles Black					
	128 nozzles per colour (Cyan, Magenta, Yellow)					
	4800 x 1200 dpi (with Variable-sized Droplet Technology)					
	copy resolution 600 x 1200 dpi					
25	Professional Wireless receiving unit with 2-pcs professional wireless microphone (lapel) with two handheld wireless microphone with cable convertible. G frequency range 566-608Mhz	set	2	20,000.00		
26	Two Way Radio Pair	pc	3	40,000.00		
	Band: UHF (Bandwidth Range: Either 12.5kHz or 25kHz)					
	Output Power: 2000mW					
	16 Channels					
	at least 350,000 sq ft range					
	" 89 UHF business-exclusive frequencies and 121 interference eliminator codes					
	Frequency Range: 435MHZ - 480MHz "					
	with NTC License*					

27	**UNDERWATER CAMERA (RED OR BLUE)**	units	2	28,000.00		
	USB cable, hand strap, instruction manual, warrany card,					
	LI-92B Lithium Ion Rechargeable battery, F-5AC USB-AC					
	Adapter					
	PRODUCT TYPE					
	Memory: SD, SDHC[1], SDXC[1]					
	* 1 UHS-I compatible					
	IMAGE SENSOR					
	Product type: 1/2.33 inch					
	Number of pixels: Number of effective pixels: 12 million pixels					
	Total number of pixels: Approx. 12.7 million pixels					
	Aspect ratio: 1.33 (4:3)					
	LENS					
	Structure: 9 lens elements in 7 groups					
	Focal length (equiv. 35mm): 4.5mm -18.0mm (25mm - 100mm)					
	Maximum aperture: f/2.0 (wide-end) to f/4.9 (tele-end)					
	Optical zoom: 4x					
	Shooting range (from lens tip): Throughout entire zoom range: 0.1m - infinite (Super macro: less than f=5.4mm, from 0.1m to 0.3m / above 5.4mm, from 0.01m to 0.3m / Microscope: 0.01m - 0.30m)					
	STILL PHOTO RECORDING					
	Recording format: DCF2.0, Exif2.3					
	File format: RAW (12-bit lossless compression), JPEG, RAW + JPEG					
	Recording image size: [RAW] 4000 x 3000					
	[JPEG] 4000 x 3000 - 1280 x 960					
	IMAGE STABILISATION SYSTEM					
	Type: Still image: CMOS shift					
	Mode: On / Off					
	Stabilisation performance: 2.5 EV[*] (Focal length set to 18 mm. 35 mm Equivalent Focal Length: 100 mm)					
	*Based on CIPA measurement conditions.					
	LIVE VIEW					

Live View: Approx. 100% field of view, Exposure compensation preview, WB adjustment preview, Gradation preview, Face detection preview (up to 8 faces), Grid line, display modes: Standard, Histogram, Highlight & Shadow, Level Gauge, Off					
MONITOR					
Monitor type: 3.0-inch colour LCD[*]					
*Approx. 1040K dots (Aspect ratio: 3 : 2)					
Brightness control: ±7 levels					
FOCUSING					
AF system: CMOS Contrast Detection (with AF Illuminator)					
Focusing point / Focusing point selection mode: 25 point / All target, single target					
Focus mode: Single AF (S-AF) / AF tracking / Manual Focus (MF) / Super macro (AF) / Super macro (MF)					
Face detection AF: With					
Manual focus assist: Live View image magnification and focus peaking are available during manual focus operations.					
Peaking function: With					
*Colour selection: white, black, red, yellow					
AF illuminator: With					
EXPOSURE CONTROL (STILL)					
Metering system (TTL Image sensor metering): Digital ESP metering / spot metering					
Metering range: EV 2-20 (f/2.0 / ISO 100)					
Exposure mode / Shooting mode: Intelligent Auto (iAUTO), Program Auto (P), Aperture Priority (A), Custom1, Custom2, Underwater (Snap, Wide, Macro, Microscope, HDR), Microscope (Microscope, Focus stacking, Focus bracket, Microscope control), Scene Mode (SCN), Movie					
Scene select AE: Portrait, e-Portrait, Landscape, Portrait +Landscape, Hand-held Starlight[*], Nightscape, Portrait + Nightscape, Children , Sport , Candlelight, Sunset, Fireworks, Beach & Snow, Panorama, Live Composite, Backlight HDR					
*6 images automatically shot and combined into a single composite image					

ISO sensitivity: AUTO ISO: 100 - 1600 with customisable upper limit from 100 to 12800					
Manual ISO: 100 - 12800 (1/3 EV step)					
Exposure compensation: ±2 EV (1/3 EV step)					
AE lock: Locks with a half-press of the shutter button					
SHUTTER					
Shutter Speed: 1/2 to 1/2000 sec. (Night Scene, A mode: up to 4 sec.)					
DRIVE					
Sequential shooting maximum speed: [Sequential shooting H][*]: approx. 20 fps with selectable 10 / 20fps					
[Sequential shooting L]: approx. 5 fps					
[Pro Capture][*]: approx. 10 fps					
*Electronic Shutter					
Maximum recordable frames prior to second release (for Pro Capture): Max. 5 frames					
Sequential shooting maximum recordable frames: [Sequential shooting H] RAW: Max. 14 frames, JPEG (LN): Until card is full					
[Sequential shooting L] RAW: Max. 40 frames, JPEG (LN): Until card is full					
Self-timer: Operation time: 12 sec., 2 sec., custom (Wait time: 1-30 sec., Number of shots: 1-10, Shot interval: 0.5 / 1 / 2 / 3 sec.)					
FLASH					
Flash intensity control method: TTL Auto, Manual					
Built-in flash: With					
Flash mode: Auto, Red Eye Reduction, Slow sync. (1st curtain), Red-eye Slow sync. (1st curtain), Fill-in, Manual (1/1 (FULL)-1/64), Flash Off					
Synchronization speed: Compatible with all shutter speeds					
Flash intensity control: Up to ±2 EV in 1/3 EV steps					
WIRELESS FLASH CONTROL					
Compatible external flash: FL-50R, FL-36R, FL-300R, FL-600R, FL-900R, FL-700WR					

Control method: Triggered and controlled by Olympus Wireless RC Flash system					
Commander Flash: Built-in flash					
Channel: 1 channel					
Group No.: 1 group					
WHITE BALANCE					
White balance mode: Auto WB, 6 Preset WBs, 3 Underwater WBs, 4 Capture WBs, Custom WB (Kelvin setting)					
White balance compensation: ±7 steps along A-B / G-M axis					
*Except for Custom WB					
COLOUR MODE					
Colour matrix: sRGB, Adobe RGB					
PICTURE MODE					
Mode: i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, e Portrait, Art Filters					
Gradation: Auto, Normal, High Key, Low Key [except when using i-Enhance, Underwater, Art Filters, Colour Creator]					
ART FILTER					
Art Filter (Variation / Art Effect): Pop Art (I, II / a, b, c. d, e, f)					
Soft Focus (- / c, e)					
Pale & Light Colour (I, II / a, b, c, d, f)					
Light Tone (- / d, f)					
Grainy Film (I, II / b, c, d, g, h)					
Pin Hole (I, II, III / d)					
Diorama (I,II / d)					
Cross Process (I, II / b, c, d, f)					
Gentle Sepia (- / a, b, c, d, f)					
Dramatic Tone (I / b, c, d, e, f) (II / b, c, d, e, f, g, h)					
Key Line (I, II / a, b, c, d, e)					
Watercolour (I, II / a, b, c, d)					
Vintage (I, II, III / a, b, c, d, e, f, i)					
Partial Colour (I, II, III / a, b, c, d, e, f)					
Bleach Bypass (I, II / a, b, c, d, e, f, i)					
Instant Film (- / a, b, c, d, e, f, i)					

Detail of Art Effect:					
a. Soft Focus Effect					
b. Pin-Hole Effect					
c. White Edge Effect					
d. Frame Effect					
e. Star Light Effect					
f. Blur Effect (Top & bottom, Left & Right)					
g. B&W Effect (None, Yellow, Orange, Red, Green)					
h. Pict. Tone (None, Sepia, Blue, Purple, Green)					
i. Shade Effect (Top & bottom, Left & Right)					
Colour Ring (for partial colour): 18 colour selectable					
BRACKETING					
Focus bracketing: Number of images 10 / 20 / 30					
Focus step: Wide / Standard / Narrow					
Focus stacking: With[*]					
*Angle of view becomes slightly smaller					
HDR Function					
HDR (Auto composite): HDR[*]					
*SCN position					
LIVE COMPOSITE					
Update interval time / composite method: 0.5sec - 4.0 sec / Lighten Mode (Bright area prioritisation)					
INTERVAL MODE					
Interval Mode: Interval Time 1sec. - 24 Hours, Max 299 frames.					
Available to make Time Lapse movies automatically					
STAMP					
Date / Time stamp: Available					
Multi Aspect					
Aspect Ratio: 4:3, 3:2, 16:9, 1:1, 3:4					
ONE PUSH TELE-CONVERTER					
Magnification: x2 (P, A, Movie mode), x2 / x4 (Microscope mode)					
LEVEL GAUGE					
Detection: 2-axis					

VIDEO RECORDING					
Recording format: MOV (MPEG-4AVC/H.264)					
Mode / Frame rate: [MOV]					
3840x2160 (4k) / 30p, 25p (Bit rate: Approx. 102Mbps)					
1920x1080 (FHD) / 30p, 25p / IPB (SF, F, N)					
1920x1080 (FHD) / 60p, 50p / IPB (SF, F, N)					
1280x720 (HD) / 30p,25p / IPB (SF, F, N)					
60p: 59.94fps, 50p: 50.00fps, 30p: 29.97fps, 25p: 25.00fps					
FHD (Superfine / 52Mbps, Fine / 30Mbps, Normal / 18Mbps)					
HD (Superfine / 52Mbps, Fine / 30Mbps, Normal / 18Mbps)					
*Frame rates may drop when particular Art Filters and Movie Effects are used.					
*UHS-I Speed Class 3 SD card must be used for 4K video and high speed movie.					
Maximum recording time: [MOV]					
Approx. 29min					
ART FILTER MOVIE					
With					
*Except for 4K and high speed movie					
*Frame rates may drop when certain Art Filters are used					
Time Lapse Movie: [MOV]					
3840×2160 (4K) / 5fps					
1920×1080 (FHD) / 5fps, 10fps, 15fps					
1280×720 (HD) / 5fps, 10fps, 15fps, 30fps					
High Speed Movie: 1920x1080 (FHD) / 120fps, recording time 20 sec.					
1280x720 (HD) / 240fps, recording time 20 sec.					
640x360 (SD) / 480fps, recording time 20 sec.					
Image Stabilisation for Video* Digital stabilisation (angle of view becomes slightly smaller)					
Grid Line: 2 types of grid lines					
Live View Output via HDMI: Monitor Mode (outputs video and info display to a connected monitor)[*]					
*Info display is not shown on the camera while recording.					

	Exposure Control: Programme AE					
	RECORDING (SOUND)					
	Recording format: Wave format (Stereo linear PCM/16-bit, Sampling frequency 48kHz)					
	Microphone / Speaker: Built-in stereo microphone / built-in mono speaker					
	Microphone function: Wind noise reduction, recording volume, microphone volume limiter Audio dubbing possible for still pictures (up to 30 sec.)					
	*May affect audio quality.					
	WI-FI FUNCTION					
	GPS info. Function: Via smartphone GPS data					
	Wireless Control[*] Using the OI.Share app:					
	Live View, Rec View, Wireless Touch AF shutter, Self Timer (w/countdown guidance, consecutive shooting, short video recording), power off, wireless release, video recording (video quality is restricted)					
	iAuto / P / A / Live Composite and Microscope can be selected.					
	Aperture, exposure, ISO sensitivity, white balance. Drove can be adjusted.					
	*Private connection only.					
	Image Share: File Type: JPEG, MOV					
	Connect to up to 4 devices simultaneously. Marking function for image share.					
	Easy Connection: QR code setting					
	PLAYBACK					
	Playback mode: Single-frame, information display, index display (4 / 9 / 25 / 100 frames), calendar, enlargement (2x - 14x), movie (with sound, FF / REW / Pause), slideshow (with sound including BGM, picture rotation (auto)					
	Information display: Histogram (independent luminance / RGB available), Highlight / Shadow point warning, AF frame, Photographic information, OFF					
	IMAGE EDITING					

Movie Editing function: Trimming (beginning / end) / in-movie image extraction (4K only)					
Editing function: RAW data edit, Gradation auto, Monochrome, Sepia, Red-eye fix, Saturation, Resize (1280x960, 640x480, 320x240), Trimming, Aspect, e-Portrait, Image Overlay, Post recording					
RAW data edit: RAW data edit based on settings of the camera (including e-Portrait, Art Filter, ART-BKT). Preview capability.					
PRINT					
Print function: Print reservation (DPOF)					
MENU					
Languages: 34 languages selectable:					
English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croatian, Slovenian, Hungarian, Greek, Slovakian, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai					
TOUGH CAPABILITIES					
Waterproof: JIS/IEC protection class 8 (IPX8)					
Dustproof: JIS/IEC protection class 6 (IP6X)					
Freezeproof: Down to -10°C					
Crushproof: Up to 100 kgf					
Shockproof: Up to 2.1 m					
FIELD SENSOR SYSTEM					
Sensor: GPS (GLONASS,QZSS), compass, manometer, temperature sensor, Acceleration sensor					
CUSTOM					
Mode dial my set: Modes C1 and C2 can be accessed by mode dial					
Copyright Settings: With					
INPUT / OUTPUT					
Remote controller connector: USB microB					
HDMI connector: Micro HDMI (type D)					
Wireless LAN: Built-in (IEEE 802.11 b / g / n)					

	PC interface: USB2.0 Hi-Speed					
	DC connector: USB micro B					
	POWER REQUIREMENTS					
	Battery: LI-92B Li-ion battery					
	AC Adapter: F-5AC					
	Number of recordable images: Approx. 340 shots					
	Battery life for movie recording: Approx. 50 minutes[*] (under standard JEITA testing)					
	Approx. 110 minutes (when zoom and other operational functions are not used)					
	*When repeatedly recording at the maximum time of 29 minutes					
	Temperature: -10 - +40°C (when in operation) / -20 - +60°C (when stored)					
	Humidity: 30 - 90% (when in operation) / 10 - 90% (when stored)					
	OPERATING ENVIRONMENT					
	Box contents: Body, USB cable, Hand Strap, instruction manual, warranty card, LI-92B Li-ion battery, F-5AC USB-AC adapter					
	BOX CONTENTS					
	Box contents: Body, USB cable, Hand Strap, instruction manual, warranty card, LI-92B Li-ion battery, F-5AC USB-AC adapter					
28	**UPS, 800VA**, saving time 1 hour	unit	2	5,000.00		
29	UPS, Smart-UPS 3000 , 3000watts, compatible with APC smart humidity-temperature controller (must be of the same fleet of VSU network UPS) * supplier must provide complete Datasheets *2 years warranty	units	2	50,000.00		
				956,360.00		

Important Requirements:

    1. PhilGEPS (Platinum)

    2. Tax Clearance

    3. Mayor/Business Permit

Instructions:

1) Please quote your **best offer** for the items listed above in your **least government price** inclusive of taxes, delivery,

    and other applicable charges.

2) Accomplish this RFQ correctly and accurately. Please put initials for erasures.

3) Submit along with this RFQ the attached needed documentary requirements. Bidders who already submitted an

   updated file of requirements in VSU need not to re-submit the needed documentary

4) Quotations that are above the set ABC will be rejected.

5) Submit this RFQ within the set deadline for submission indicated above. Late bids will not be accepted.

Authorized by: **JESSAMINE ECLEO** Head, Procurement Office	
Canvassed by: **BRYAN REBUYAS** Canvasser	*Printed Name and Signature of Supplier* *Contact Number:*