



BIDS AND AWARDS COMMITTEE

Supplemental/Bid Bulletin No. 1

**SUPPLY AND DELIVERY OF AUDIO-VISUAL PRODUCTION EQUIPMENT FOR THE STRATEGIC COMMUNICATION AND INITIATIVES SERVICE OF THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES-CENTRAL OFFICE (DENR-CO)
 Bid Ref. No. DENR-CO-2022-016**

This **Supplemental/Bid Bulletin No. 1** is being issued to revise provisions/specifications in the Bidding Documents and to address queries/clarifications sent thru email for the aforementioned project:

A. Revision to provisions/specifications in the Bidding Documents:

SCHEDULE OF BIDDING ACTIVITIES

ACTIVITY	DATE & TIME	VENUE/MODE
Opening of Bids	13 July 2022, (Wednesday) 10:00 AM	Online via Google Meet Platform**

ACTIVITY	DATE & TIME	VENUE/MODE
Opening of Bids	13 July 2022, (Wednesday) 11:00 AM	Online via Google Meet Platform**

Section VI. SCHEDULE OF REQUIREMENTS

**SCHEDULE OF REQUIREMENTS
 (Terms of Reference as of 21 June 2022)**

Warranty and Sales Support

Supplier must provide a Warranty Certificate in favor of the End-User covering a period of (7) days Replacement for the defective and damaged unit/s; Two (2) years for the parts and service for the mirrorless cameras, desktop computers and laptops, one (1) year for lens and accessories, all reckoned from date of Certificate of Acceptance.

PERIOD AND PLACE OF DELIVERY

a) The winning bidder shall supply and deliver the equipment at the Supply Management Section-PSMD, Basement, DENR Central Office located at Visayas Avenue, Diliman, Quezon City within Forty Five (45) calendar days from the receipt of Notice to Proceed (NTP).

...XXX...

**REVISED SCHEDULE OF REQUIREMENTS
 (Terms of Reference as of 29 June 2022)**

Warranty and Sales Support

Supplier must provide a Warranty Certificate in favor of the End-User covering a period of (7) days Replacement for the defective and damaged unit/s; Two (2) years for the parts and service for the mirrorless cameras, desktop computers and laptops, one (1) year for lens, **and for accessories if applicable**, all reckoned from date of Certificate of Acceptance.

PERIOD AND PLACE OF DELIVERY

a) The winning bidder shall supply and deliver the equipment at the Supply Management Section-PSMD, Basement, DENR Central Office located at Visayas Avenue, Diliman, Quezon City within ~~Forty Five (45)~~ **calendar days sixty (60) calendar days** from the receipt of Notice to Proceed (NTP).

...XXX...

B. Response to Queries/Clarifications sent thru email	
QUERIES/CLARIFICATIONS	RESPONSE
<p>May we verify/clarify if there will be included lens adapter in the Compatible lenses with RF lens group (excluding EF, EF-S and EF-M lenses) When using Mount Adapter EF-EOS R: EF or EF-S lenses (excluding EF-M lenses) which must be compatible with the existing equipment of SCIS (Canon) under Mirrorless Camera?</p>	<p>To clarify, adapters are not included under Mirrorless cameras indicated in items nos. 1 and 3. Note, however, that in the Terms of Reference, under LOT 2, Accessories and Studio Particulars, there is a separate item for adapters, specifically, Mount Adapter (EF-EOS R).</p>
<p>May we verify/clarify if the following lens adapter as stated in the technical specifications will be included in our offer and how many units if included:</p> <ul style="list-style-type: none"> • Mount Adapter EF-EOS R, • Control Ring Mount Adapter ERF-EOS R • Drop-in Filter Mount Adapter EF-EOS R 	

Bidders are advised to use the **Section VI. Revised Schedule of Requirements (Terms of Reference as of 29 June 2022)** and submit together with all other required documents for the submission of bids on **13 July 2022, 9:00 AM:**

Also please use the **Revised Checklist of Technical and Financial Documents** as a guide/reference.

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 5th day of July 2022 in Quezon City.

Approved by:

MARCIAL C. AMARO, JR., CESO II
 Assistant Secretary for Policy, Planning and Foreign Assisted and Special Projects & Chairperson, Bids and Awards Committee

Received by:	
_____ (SIGNATURE OVER PRINTED NAME & DATE)	_____ NAME OF COMPANY
(PLEASE RETURN OR FAX THIS PAGE ONLY TO THE DENR BAC OFFICE @ 8926-2675)	

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER

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Please check the lot being bid	Lot No.	Description	Total ABC (P)
<input type="checkbox"/>	1	Laptop/Desktop Computer and Studio Accessories	P2,077,242.00
<input type="checkbox"/>	2	Mirrorless Camera/Lenses/Camera Accessories and Particulars	P 4,227,552.00
TOTAL			6,304,794.00

Section VI. REVISED SCHEDULE OF REQUIREMENTS

Instruction to Bidders: Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".

A. TERMS OF REFERENCE as of 29 June 2022



Republic of the Philippines
Department of Environment and Natural Resources
 Visayas Avenue, Diliman, Quezon City, 1100
 Tel. no (632) 929-0626 to 29; VOIP Trunkline (632) 755-3300/755-3330
 Website: <http://www.denr.gov.ph>

TERMS OF REFERENCE
(as of June 29, 2022)

SUPPLY AND DELIVERY OF AUDIO-VISUAL PRODUCTION EQUIPMENT FOR STRATEGIC COMMUNICATION AND INITIATIVES SERVICE (SCIS) DENR CENTRAL OFFICE

I. RATIONALE

The SCIS is responsible for disseminating information on environment and natural resources development policies, plans, programs and projects, including environmental education. In order to carry out this mandate the office require top of the line equipment especially in the coverage and/or documentation of events, programs, projects and activities, with the end goal of producing audio visual presentation and/or documentation.

II. APPROVED BUDGET FOR THE CONTRACT

The total ABC for this contract is **P6,304,794.00** inclusive of all applicable government taxes and service charge.

Item No.	Description	Lot Amount	Total
LOT 1	Laptops/Desktop Computer and Studio Accessories	2,077,242.00	6,304,794.00
LOT 2	Mirrorless Cameras/Lenses/Camera Accessories and Particulars	4,227,552.00	

III. PROJECT REQUIREMENTS (minimum requirements)

LOT 1

1. HIGH END LAPTOPS (for graphics and editing)

DESCRIPTION		QTY
A. Screen	17.3 QHD (2560x1440) 240Hz/ (1920x1080) 360Hz	3 units
CPU	i9 12 th Gen (24mb cache, 14 cores, 6 Performance-cores and 8 Efficient-cores; threads up to 5 GHz Turbo) or equivalent	
GPU	RTX 3070 ti 8GB GDDR6	
Memory	64GB or higher 64 GB DDR5-4800 SO-DIMM (or higher)	
Storage	2 TB PCIe 4.0 NVME M.2 Performance SSD 2x	

Boost clock	up to 5 GHz Max Boost Clock	
Screen feature	Adaptive Sync Mux Switch + Optimus sRGB 100%	
I/O Ports	2x USB 3.2 Gen 1 Type A 1x USB 3.2 Gen 2 Type C support DisplayPort/ PD / G Sync 1x Thunderbolt 1x 2.5G LAN	
Network	Wi Fi 6E (802.11ax) (Dual Band) 2*2 + Bluetooth 5.2	
Operating System	Windows 10 Pro/64-Bit	
B. CPU	M1 Max 10 Core CPU, 32 Core GPU	2 units
Display	16" Liquid Retina XDR Display	
GPU	Radeon Pro 5300M Graphics	
Storage	2TB SSD	
Ports	Thunderbolt 4	
Memory	- 32GB Memory	
C. CPU	M1 Chip with 8 core CPU, 8 core GPU, and 16 core Neural Engine	3 units
Display	13" Retina display	
Storage	256GB SSD Storage	
Ports	Two Thunderbolt 4 USB Ports	
Memory	8 GB unified memory	

2. HIGH END DESKTOP (for Photo and Video library)

	DESCRIPTION	QTY
A. DESKTOP:		1 set
CPU/MOTHERBOARD	i9 12 th Gen Total Cores 16 Performance Cores 8 Efficient Cores 8 Max Turbo Frequency 5.20 GHz Cache 30MB Smart Cache L2 Cache 14MB	
GPU	RTX 3070 Super	
Memory	32GB Ram	
Storage	2x 1TB PCIe M.2 SSD 3x 1TB 7200rpm HDD	
CPU Case	Full Tower	
Operating system	Windows 11 (64 Bit)	
Audio	Audio Speaker (Via built in or external unit	
Wireless	802.11 b/g/n/ac/ax + Bluetooth Speaker	

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B. MONITOR:		1 unit
Screen size	- 43" inch monitor	
Resolution	- Ultra HD	
Display capability	G-SYNC/ Adaptive Sync	
Refresh rate	144Hz	
Other features	Vesa Display HDR 1000 - MPR II	
Speaker size	Speakers 2 x 10 W	
Ports	USB 3.0 ports - Type C - 3x HDMI-in - 2x Display port - 2x USB 2.0 Downstream - 1x USB 3.0 Upstream - 2x USB 3.0 Downstream - Color Black	
C. UPS (for Desktop)		1 unit
Wattage	Total Wattage 1000W	
Max load	Max Load for +5 Vsb - 3A	
Max power	- Max Power for -12V - 9.6W	
AC Input	- AC Input Power - 100 to 240 VAC, 50 / 60 Hz at 5 to 10 A	
Model version	- Intel ATX12V Version 2.4 - 135mm Cooling fan	
KEYBOARD:	- Fully Assembled - Mechanical Keyboard - Gateron G Pro Brown Colors: - 2x Carbon Black - 2x Silver Grey , 2x Navy Blue	3 units
WIRELESS MOUSE		4 units
DPI	up to 4000 dpi	
Mouse wheel	Shifting Magspeed Wheel - Horizontal thumb wheel	
Mouse buttons	Back and Forward buttons - Gesture Controls	
Port	USB Type C	
Sensor	Dark field mouse tracking	
Connectivity	BT/ Dongle wireless	

WIRED MOUSE (for Desktop)		1 unit
DPI	- DPI 12000	
Buttons	12 mechanical side buttons - 17 Programmable buttons	
Sensor type	Sensor: SDNS-3988 - Sensor type: Optical - 4 Zone RGB	
Button type	Mouse button type: OMRON - Connectivity: Wired - Cord: Braided Fiber	

3. HIGH END DESKTOP (GRAPHICS AND ANIMATION PC)

	DESCRIPTION	QTY
System unit case	7000D Airflow Full-Tower ATX PC Case (Black)	2 sets
CPU/ MOTHERBOARD	Core i7 12 th Gen (8 Performance Cores, 4 Efficient Cores, Max Turbo Frequency 5GHz X99A Raider (LGA2011) Motherboard	
GPU	RTX 2060 8GB	
Memory storage	32GB RAM DDR4	
Storage	512GB PCIe M.2 SSD 2x 1 TB HDD	
Power supply	- 660 Watts Gold Power Supply	
Connectivity	Bluetooth and Wifi and LAN Support	
Screen	G27C7 27" Curved VA 165Hz Screen	
Screen	QD27TNS 27" 165Hz 1440p Screen	
UPS	APC BV 1000I-MS 1000VA 600W 240V AVR UPS	

4. GRAPHICS TABLET WITH PEN

	DESCRIPTION	QTY
Display	13" - Full HD - 16.7 million (8bit)	3 units
Pen	Pressure Levels: 4096 - Pen type: Pressure Sensitive - No. Of Switches: 1 side Switch - Pen tilt supported: 60 degrees	
Tablet dimension	- 8.9 in x 14.1 in x 0.6 in - Weight: 1KG	

5. ACCESSORIES/ PARTICULARS

	DESCRIPTION	QTY
800-RGB LED Studio 3 Video Light Kit	- 3x 800D-RGB Panels with Barndoors - 3x Soft Diffusers - 3x AC Adapters - 3x Light Stands	1 Set

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4 person Headset System (4in1)	<ul style="list-style-type: none"> - hands free communication - 8-port charger - 4 rechargeable batteries 	1 set
Bluetooth Speaker (for Sound scoring)	<ul style="list-style-type: none"> - Frequency Range 50-20,000 Hz - Adjustable Bass and Treble- Stereo - Sound Pressure Level - 101 db @ 1 m - Bass Reflex - power input 100-240V - wireless connectivity Bluetooth 5 Qualcomm Aptx - Wired Connection: 3.5mm - RCA input 	1 pc
Soundlink Micro Speaker	<ul style="list-style-type: none"> - Bluetooth 4.2 - IPX7 - Bose Connect - Built in rechargeable lithium -ion 	1 pc
1M/E (Production Switchers) for Live conferencing)	<ul style="list-style-type: none"> - Supports NTSC/PAL/HD/UHD/4K at 10-bit - 1x HDMI & 10 x 6G-SDI Inputs - 10x Built in frame synchronize-rs - program outputs UHD.HD/SD - Hardware and Software Windows Control 	1 Unit
Audio Technica ATH-M50xBT2	<ul style="list-style-type: none"> - Closed back dynamic - driver diameter 45mm - Frequency response: 15 - 28,000 - Sensitivity 90dB/mW - DC 3.7 lithium polymer battery - Bluetooth: BT version 5.0 - LDAC/AAC, SBC 	4 Units
Zoom H6 All black 6-input / 6 Track portable Handy recorder/mic	<ul style="list-style-type: none"> - Live location broadcasting and podcasting - 4 x XLR-1/4 Mic line inputs with pads - swappable X/Y Stereo Mic Capsule - Records WAV up to 96KHz - Onboard compressor & Low cut filter - supports SDXC cards 	2 Units
Trolley Hardcase	<ul style="list-style-type: none"> - Exterior: 560 x 355 x 290mm - Interior: 510 x 290 x 240mm - Weight: 6.25kg 	1 pc
Rode NT1 Condenser Microphone Package	<ul style="list-style-type: none"> - Pressure Gradient - JFET impedance converter with bipolar output buffer - Frequency Range: 20Hz -20KHz - Maximum SPL: 132dB SPL - Maximum Output level: 8.0mV - Output: XLR - Weight: 440.00g 	2 Units
Protactic BP 450 AW II Black	<ul style="list-style-type: none"> - Holds a Pro DSLR & 70-200mm f2.8 Lens - Holds an Additional Pro DSLR - 8 Extra Lenses or flash units - Accommodates 15" laptops - water resistance raincover - nylon polyster 	5 pcs
3.5 inch 10 Bay Aluminum alloy USB 3.0 Hard drive enclosure	<ul style="list-style-type: none"> - USB 3.0/3.1 - 5 Hard drive Slots - Super speed transfer 	4 Units
Panther Voltage Surge Protector	<ul style="list-style-type: none"> - PSP-0394 6 Gang - 6 Outlets Extension Cord5 meters - 5 meters 	5 pcs
Tangent the Ripple Color Correction Panel	<ul style="list-style-type: none"> - 3x track ball, 3x Dial, 8x Pre Labeled Key - 1x USB Type-A 2.0 Integrated Male input 	1 Unit

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(Premiere Pro)	- 13 x 5.9 x 2" / 33 x 15 x 5 cm	
Internal Hard Disk Drive	- 4TB Hard Disk Drive - 5900 RPM - ST4000VNOOB - Cache 64MB 3.5"	10 pcs.
Memory Card Reader	- 4 in 1 car reader - USB 3.0/3.1	6 pcs.
USB Hub	-3.0/3.1 USB - 6 USB PORTS	6 pcs.
Laptop 15-16" sleeve with cushion/foam	- fits 15"-16" laptop - with foam/ cushion - Zipper type - color black	4 pcs.

LOT 2

6. MIRRORLESS CAMERA

DESCRIPTION		QTY
Type	Digital single-lens non-reflex AF/AE camera CFExpress and SD Card Compatible (Dual slot)	1 Unit
Recording Media	SD card compatible with UHS-II, Eye-Fi cards	
Compatible lenses	RF lens group (excluding EF, EF-S and EF-M lenses) When using Mount Adapter EF-EOS R: EF or EF-S lenses (excluding EF-M lenses) Must be compatible with the existing equipment of SCIS (Canon)	
Lens mount	RF mount	
Image sensor	CMOS sensor (compatible with Dual Pixel CMOS AF)	
Effective pixels	Approx. 45.0 megapixels	
Pixel unit	Approx. 4.40 µm square	
Total pixels	Approx. 47.1 megapixels	
Aspect ratio	3:2 (Horizontal: Vertical)	
Color filter system	RGB primary color filters	
Recording format	Compliant to Design rule for Camera File system 2.0 and Exif 2.3*. *Supports time difference information in Exif 2.31. 4:3AspectRatio Large:7280x5464 Medium:5152x3872 Small1:3712x2784 Small2:2112x1600	

	RAW/C-RAW: 8192 x 5464 3:2 Aspect Ratio Large/RAW/C-RAW: 8192x5464 Medium: 5808x3872 Small 1: 4176x2784 Small 1: 2976x1984 Small 2: 2400 x 1600	
File size	16:9 Aspect Ratio Large: 8192 x 4608 Medium: 5808 x 3264 Small 1: 4176 x 2344 Small 2: 2400 x 1344 RAW/C-RAW: 8192 x 5464	
Weight	Approx. 1.63 lbs. / 738g (including battery, CFexpress card; without body cap) Approx. 1.43 lbs. / 650g (body only; without battery, card or body cap)	
Shutter speeds	When [Mechanical] or [Elec. 1st-curtain] is set: 1/8000-30 sec. bulb When [Electronic] is set: 1/8000-0.5 sec.	

7. MIRRORLESS CAMERA

DESCRIPTION		QTY
Sensor Type	35 mm full frame (35.6 x 23.8 mm), Exmor R CMOS sensor	3 Units
Number Of Pixels (Effective)	Approx. 12.1 megapixels	
Lens	E-Mount Must be compatible with the existing equipment of SCIS (Sony)	
Image Size (pixels) [3:2]	35-mm full frame L: 4240 x 2832 (12 M), M: 2768 x 1848 (5.1 M), S: 2128 x 1416 (3.0 M), APS-C L: 2768 x 1848 (5.1 M), M: 2128 x 1416 (3.0 M), S: 1376 x 920 (1.3 M)	
IMAGE SIZE (PIXELS) [4:3]	35-mm full frame L: 3776 x 2832 (11 M), M: 2464 x 1848 (4.6 M), S: 1888 x 1416 (2.7 M), APS-C L: 2464 x 1848 (4.6 M), M: 1888 x 1416 (2.7 M), S: 1232 x 920 (1.1 M)	
Image Size (pixels) [16:9]	35-mm full frame L: 4240 x 2384 (10 M), M: 2768 x 1560 (4.3 M), S: 2128 x 1200 (2.6 M), APS-C L: 2768 x 1560 (4.3 M), M: 2128 x 1200 (2.6 M), S: 1376 x 776 (1.1 M)	
IMAGE SIZE (PIXELS) [1:1]	35-mm full frame L: 2832 x 2832 (8 M), M: 1840 x 1840 (3.4 M), S: 1408 x 1408 (2.0 M), APS-C L: 1840 x 1840 (3.4 M), M: 1408 x 1408 (2.0 M), S: 912 x 912 (0.8 M)	
Image Quality Modes	RAW (Compressed / Uncompressed), JPEG (Extra fine / Fine / Standard), HEIF(4:2:0 / 4:2:2) (Extra fine / Fine / Standard), RAW & JPEG, RAW & HEIF	
Recording Format	XAVC S, XAVC HS	
Video Compression	XAVC S: MPEG-4 AVC/H.264, XAVC HS: MPEG-H HEVC/H.265	
Audio Recording Format	XAVC S: LPCM 2ch, LPCM 2ch (48 kHz 16 bit), LPCM 2ch (48 kHz 24 bit), LPCM 4ch (48 kHz 24 bit), MPEG-4 AAC-LC 2ch	

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Color Space	Rec. ITU-R BT.2100 standard compatible (BT.2020 gamut). (compatible with TRILUMINOS Color)
Movie recording system (XAVC HS 4K)	3840 x 2160 (4:2:0, 10bit, NTSC) (Approx.): 120p (200 Mbps), 60p (150 Mbps / 75 Mbps / 45 Mbps), 24p (100 Mbps / 50 Mbps / 30 Mbps); 3840 x 2160 (4:2:0, 10bit, PAL) (Approx.): 100p (200 Mbps), 50p (150 Mbps / 75 Mbps / 45 Mbps); 3840 x 2160 (4:2:2, 10bit, NTSC) (Approx.): 120p (280 Mbps), 60p (200)
Shutter Type	Mechanical shutter/Electronic shutter
Shutter Speed	Still images: 1/8000 to 30 s, Bulb, Movies: 1/8000 to 1/4 (1/3 steps), up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode)

8. MIRRORLESS CAMERA

	DESCRIPTION	QTY
Type	36 x 24 mm CMOS	1 Unit
Effective Pixels	Approx. 30.3 megapixels	
Total Pixels	Approx. 31.7 megapixels	
Aspect Ratio	3:2	
Low-Pass Filter	Built-in/Fixed	
Sensor Cleaning	EOS integrated cleaning system	
Image Processor	DIGIC 8	
Lens Mount	RF (EF and EF-S lenses can be attached using Mount Adapter EF-EOS R, Control Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R. EF-M lenses not compatible) Must be compatible with the existing equipment of SCIS (Canon)	
Focal Length	Equivalent to 1.0x the focal length of the lens with RF and EF lenses 1.6x with EF-S	
Focus type	Phase-difference detection system with image sensor (Dual Pixel CMOS AF)	
AF System / Points	With Area 88% horizontal and 100% vertical	
AF working range	EV -6 – 18 (at 23°C & ISO100)	
AF Modes	One Shot Servo AF	
Shutter type	Electronically-controlled focal-plane shutter and silent CMOS sensor readout	
Speed	30-1/8000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)	
Shutter Release	Soft touch electromagnetic release	
White Balance	Auto white balance with the imaging sensor	

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Settings	AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting White balance compensation: 1. Blue/Amber +/-9 2. Magenta/Green +/-9	
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9. VIDEO CAMCORDER

	DESCRIPTION	QTY
Full HD NX Cam		2 Units
Sensor Resolution	Effective: 14.2 Megapixel	
Sensor Type	1"-Type CMOS Sensor	
Image Stabilization	Optical in Integrated Lens	
Built-In ND Filter	Mechanical Filter Wheel with 2 Stop (1/4), 4 Stop (1/16), 6 Stop (1/64) ND Filters	
Gain	-3 to 33 dB	
Precise Scan Rate Control	No	
Minimum Illumination	1.7 Lux at 1/30 Shutter Speed	
Focal Length	9.3 to 111.6mm (35mm Equivalent Focal Length: 29 to 348mm)	
Optical Zoom Ratio	12x	
Maximum Aperture	f/2.8 to 4.5	
Minimum Focus Distance	Not Specified by Manufacturer	
Filter Size	62 mm	
Focus Control	Autofocus Manual Focus	
Media/Memory Card Slot	Slot 1: SD/SDHC/SDXC/Memory Stick Duo Hybrid Slot 2: SD/SDHC/SDXC	
Video I/O	1 x BNC (Composite) Output 1 x HDMI Outpu	
Resolution	1,560,000 Dot	

10. CAMERA LENSES

	DESCRIPTION	QTY
EF 70-200mm f/2.8L USM III	- Drive System 2x Nano USM - Min. Aperture 32 - Angle of view (Diagonal) 34°00' - 12°00' - Angle of View (Horizontal) 29°-00' - 10°00' - Angle of view (Vertical) 19°30' - 7°00' - 9 diaphragm Blades - 1480 grams	1 Unit
EF 16-35mm f/2.8L III USM	- 16-35mm - f/2.8 - with ring USM monitor - Diaphragm Blades: 9 - Horizontal Angle View: 98°~54° - Vertical Angle View: 74°10'~38° - 790 grams	1 Unit
EF 600mm f/4L IS III USM	- Drive System Ring USM - Min. Aperture 32 - Angle of view (Diagonal) 49°10' - Angle of View (Horizontal) 03°-30'	1 Unit

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	- Angle of view (Vertical) 02°20' - 9 diaphragm Blades - 3050 grams	
FE 16-35mm F2.8 GM	- f/2.8-22 - Full-Frame, APS C - AF motor type SSM - 16-35mm - 680 grams	2 Units
FE 85mm f1.8	- Focus distance: 0/8 m (2.63 ft) - Filter Diameter: 67 - dust and moisture resistant - 9 blade aperture - E Mount - Aperture A/f 1.8mm-22mm - 371 grams	1 Unit
FE 50mm F1.8	- E mount - 35mm full frame - focal length 50mm - Angle of view (APS-C) 32deg -Maximum Aperture 1.8-22 - Aperture Blades 7 - 186 grams	1 Unit
FE 90mm F2.8 Macro G OSS	- E Mount - 35mm Full Frame - Aperture A/f1.8-22 - Aperture blades: 9 - 602 grams	1 Unit

11. 4K ACTION CAMERA

DESCRIPTION		QTY
Action Camera 10 Black	- GP2 Processor - 6K resolution - Hyper Smooth 4.0 Stabilization - Waterproof - cloud connected - better low light capabilities	2 Units

12. CAMERA PARTICULARS

DESCRIPTION		QTY
SD Card	- 64 GB - Write Speed 250 Mb/s - SDXC - V60 II - Class 10	10 pcs.
Micro SD	- 128GB - Write speed :633x - micro SDXC	6 pcs.
SD Card Case	- Water resistant seal (IPx4) - absorbs shock and protects memory cards - polycarbonate resin - stores 12 SD Cards, 6 mini SD cards and 6 Micro SD cards	5 pcs.
NP-FZ100 (Compatible with EOS R Series)	- 16.4 Wh - Amp Hours 2280 - Output Voltage 7.2 VDC	10 pcs.

	- High Capacity Z-series	
LP-E6NH Battery (Compatible with EOS R Series)	- Amp hours: 2130mAh - Lithium Ion - 7.2 VDC - LP E6NH	5 pcs.
Action Camera Rechargeable Battery	- 1720mAh - replacement battery for action camera	4 pcs.
Max Grip + Tripod	- Grip and Tripod in one for action camera - extendable from 9 - 22 inches - extension pole locks into position with a simple twist - Foldout legs with magnetic closure	2 pcs.
Protective Housing case	- mud, dust and water protection - front lcd remains accessible waterproof down to 60m - includes skeleton backdoor for improved audio	2 pcs.
Sports Kit	- action camera outdoor mount - Handlebar/seat post/pole mount	2 pcs.
LED lights	- 3 lighting modes - 300 Lumen leds - 30 meters Waterproof	2 pcs.

13. ACCESSORIES/STUDIO PARTICULARS

	DESCRIPTION	QTY
Smallrig Master Kit	- Formfitting full cage - HDMI cable clamp - NATO rail and Quick Release Top Handle - Numerous Mounting options - compatible with Sony A7S III	2 pcs.
FW568 5.5 4k DSLR Camera Field Monitor	- 1920x1080 - 4K HDMI - F970/LP-E6 - Tilt Arm Mounting	1 pc
C1 DI/HDMI Wireless Video Transmission System	- 5.1 to 5.9 GHz Frequency Range - AES-128 Encryption, 40 ms Latency - Transmitter HDMI/SDI Input, SDI Loop Out - OLED Screen, USB Type-C Power Input - Wireless Video Transmitter - Cosmo 1	2 Units
Rode Wireless GO II	- Dual channel wireless microphone system - two sound sources simultaneously - 3.5mm TRS analog output - On board recording - over 40 hrs of internal - Series IV 2.4GHz digital transmission - 128 bit encryption	3 Units
1510 Camera Hard Case Roller Bag	- Holds 2 pro DSLRs, 5 lenses - Watertight, crushproof and dustproof - strong polyurethane wheels with stainless steel bearings - open cell core with solid wall design - retractable extension handle - Automatic Pressure Equalization Valve - O ring seal	3 Units
Quick Release camera strap (Black Rapid RS-4	- Quick release strap - Strap for Sony A7SIII	6 pcs.
a. Dry box for Cameras Electronic Automatic Digital Control Dry cabinet Storage	- External size 14.9"x15.3"x40.0 - Internal Size 12.4"x11.8"x37" - Pack size 14.4"x14.7"x42.1"	3 Units

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Flipside Trek 450AW bag	<ul style="list-style-type: none"> - Fits DSLR (with grip & attached 70-200mm lens plus extra lenses - Flipside body-side access with hinged lid to camera compartment - Split compartments - large open in zone in pack for personal items - ActivZone suspension System - Multiple attachment points to carry gear outside of your bag 	1 pc
Lens Case 11x11cm	<ul style="list-style-type: none"> - fit for wide angle lens 16-35mm/ 17-40mm - One Piece foam padding - overlap Zipper - Color black - 11x11x11 cm 	5 pcs
Utility Belt	<ul style="list-style-type: none"> - Fits 29-40 Waist Sizes - No loose straps - Size adjust easily 	2 pcs
9x16 lens pouch	<ul style="list-style-type: none"> - Fits 70-300mm lenses - one piece foam zipper - color black 	1 pc
504X Fluid Video Head with 635 FAST Carbn Fiber Tripod	<ul style="list-style-type: none"> - Fluid head with 26.5lb Maximum Load - leveling ball, Carrying bag - bubble level aluminum construction 635 Fast Carbon Fiber Single-Tube Tripod - 3 step Counter Balance System - 504PLONGR- 1 Sliding Quick Release plate 	2 Units
XPro Aluminum 4-Section Fluid Video Monopod	<ul style="list-style-type: none"> - Weight: 1.2Kg - Max Height: 192cm - Video/Fluid Head - Flip Lock - Panoramic Rotation 360° - 3d fluidity - Fluid base - With carrying bag 	1 Unit
RSC2 Pro Stabilizer	<ul style="list-style-type: none"> - RSC 2 Gimbal Stabilizer Pro Combo - Ronin-S Extended Grip/Tripod - Ronin RavenEye Image Transmission System - Ronin-S Focus Gaer Strips (2pack) - Carry Case 	1 Unit
Flycam	<ul style="list-style-type: none"> - Weight - 11 pounds 	1 Unit
Metabones EF to E-Mount Version 5 adapter	<ul style="list-style-type: none"> - EF mount to E mount 	1 pc
Mount Adapter EF-EOS R	<ul style="list-style-type: none"> - EF - EF-S Mount - EF - EOS R System Mount 	2 pcs

NOTE: *Technical Evaluation shall be done based on the documents submitted such as, but not limited to, brochures and technical data sheets to be submitted during post-qualification within five (5) calendar days from receipt of Notice from the Bids and Awards Committee (BAC) declaring the bidder as the Single/Lowest calculated bid.*

A. Warranty and Sales Support

Supplier must provide a Warranty Certificate in favor of the End-User covering a period of **(7) days Replacement** for the defective and damaged unit/s; **Two (2) years** for the parts and service for the mirrorless cameras, desktop computers and laptops, one **(1)**

year for lens, and for accessories if applicable, all reckoned from date of Certificate of Acceptance.

I. QUALIFICATION OF THE BIDDER

- a) Bidder must have five (5) years experience in providing supply and delivery of cameras, its accessories, and/or editing equipment (**covering Lots 1 and 2**).
- b) The bidder must only supply non-generic lenses or batteries for the cameras (**covering Lot 2 only**).
- c) A **Certificate** issued by the manufacturer, shall be submitted by the bidder, indicating that the firm/office is authorized to distribute, and provide technical support and services to the brand being offered. If the bidder is a reseller, he shall also submit the certification issued by the distributor. (**For cameras and laptop and desktop computers only.**)

II. PERIOD AND PLACE OF DELIVERY

- a) The winning bidder shall supply and deliver the equipment at the Supply Management Section-PSMD, Basement, DENR Central Office located at Visayas Avenue, Diliman, Quezon City within **sixty (60) calendar days** from the receipt of Notice to Proceed (NTP).
- b) Delivery should be coordinated with the end-user before acceptance of the units for technical evaluation.

III. TERMS OF PAYMENT

Payment shall be processed after full and complete delivery of equipment and accessories within the prescribed period and upon issuance of the Certificates of Inspection and Acceptance.

Prepared by:

Approved by:


ADONA P. SAN DIEGO
Chief, DCD-SCIS


KHALIL SERGIO BAYAM
Director, SCIS

B. Other Requirements

1. Bidder has no overdue deliveries or unperformed services intended for DENR.
2. Bidder did not participate as a consultant in the preparation of the design or technical specification of the GOODS/SERVICES subject of the bid.

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby BID to (supply/deliver/perform/comply) the above Terms of Reference

I/We undertake, if our bid is accepted, to deliver the goods/services in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Name of Company (in print)

Signature of Company Authorized Representative

Name & Designation (in print)

Date

DENR BIDS AND AWARDS COMMITTEE

REVISED CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Project: SUPPLY AND DELIVERY OF AUDIO-VISUAL PRODUCTION EQUIPMENT FOR THE STRATEGIC COMMUNICATION AND INITIATIVES SERVICE OF THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES-CENTRAL OFFICE (DENR-CO)

Bid Ref. No. Bid Ref. No. DENR-CO-2022-016

APPROVED BUDGET FOR THE CONTRACT: P6,304,794.00

Please check the lot being bid	Lot No.	Description	Total ABC (P)
<input type="checkbox"/>	1	Laptop/Desktop Computer and Studio Accessories	P2,077,242.00
<input type="checkbox"/>	2	Mirrorless Camera/Lenses/Camera Accessories and Particulars	P 4,227,552.00
TOTAL			6,304,794.00

ENVELOPE 1: TECHNICAL COMPONENT

CLASS "A" DOCUMENTS

A. LEGAL DOCUMENTS

- (a) Valid and current **Certificate of PhilGEPS Registration (Platinum Membership)** (all pages) *in accordance with Section 8.5.2 of the iRR* (pursuant to GPPB Resolution No. 15-2021, dated 14 October 2021);

B. TECHNICAL DOCUMENTS

- (b) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (per **Annex I**);

- (c) Statement of the Bidder's Single Largest Completed Contract (SLCC) of similar nature within the last five (5) years from date of submission and receipt of bids equivalent to at least fifty (50%) of the total ABC (per **Annex I-A**)

Similar in Nature shall mean "**Supply and Delivery of Laptop/Desktop/Photo/Video Equipment**"

Lot No. 1: "**Supply and Delivery of Laptop/Desktop Computers**"

Lot No. 2: "**Supply and Delivery of Photo/Video Equipment**"

Any of the following documents must be submitted/attached corresponding to listed completed largest contracts per Annex I-A:

- i) Copy of End User's Acceptance; or
- ii) Copy of Official Receipt/s or Sales Invoice or Collection Receipt/s



(d) Original Bid Security must be issued in favor of the **DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES-CENTRAL OFFICE (DENR-CO)** (must be valid for at least 120 calendar days from the date of bid opening); any one of the following forms:

Lot No.	Description	Project ABC (P)	Bid Security: Cash, Cashier's/ Manager's Check, Bank Draft / Guarantee, Irrevocable Letter of Credit (2%) (P)	Bid Security: Surety Bond (5%) (P)	Bid Securing Declaration
1	Laptop/Desktop Computer and Studio Accessories	2,077,242.00	41,544.84	103,862.10	No required Amount
2	Mirrorless Camera/Lenses/Camera Accessories and Particulars	4,227,552.00	84,551.04	211,377.60	
TOTAL		6,304,7994.00	126,105.88	315,239.70	

1. Bid Securing Declaration per **Annex II**;
2. The Cashier's/Manager's Check shall be issued by a Local, Universal or Commercial Bank
3. The Bank Draft/Guarantee or Irrevocable Letter of Credit shall be issued by a Local Universal or Commercial Bank; or
4. Should bidder opt to submit a Surety Bond as Bid Security, the surety bond must be callable on demand and must be issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such bond. Together with the surety bond, a certification from Insurance Commission must be submitted by the bidder which must state that the surety or insurance company is specifically authorized to issue surety bonds.
5. For submission of Bank Draft/Guarantee or Irrevocable Letter of Credit or Surety Bond, the following must be stated/specified in the Bid Security pursuant to Section III, ITB Clause 18.5, to wit:

The following are the grounds for forfeiture of Bid Security

▪ **IF A BIDDER:**

- a) Withdraws its bid during the period of bid validity.
- b) Does not accept the correction of errors pursuant to Section 32.2.1 of the IRR of RA 9184.
- c) Fails to submit the Post Qualification requirements within the prescribed period or a finding against their veracity thereof.
- d) Submission of eligibility requirements containing false information or falsified documents.
- e) Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding.
- f) Allowing the use of one's name, or using the name of another for purposes of public bidding.
- g) Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid.
- h) Refusal or failure to post the required performance security within the prescribed time.
- i) Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification.
- j) Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor.
- k) Failure of the potential joint venture partners to enter into the joint venture after the bid is declared as successful.
- l) All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.

▪ **IF THE SUCCESSFUL BIDDER:**

- a) fails to sign the contract in accordance with Section 40 of the Revised IRR of RA 9184; or
- b) fails to furnish performance security in accordance with Section 40 of the Revised IRR of RA 9184.

(e) **Conformity with Section VI. Revised Schedule of Requirements (Terms of Reference as of 29 June 2022) as enumerated and specified in the Supplemental/Bid Bulletin No. 1 and Section VII. Technical Specifications of the Bidding Documents.**

Lot No.	Form	Description
1	Section VI	Revised Schedule of Requirements
	Section VII-A	Technical Specifications
2	Section VI	Revised Schedule of Requirements
	Section VII-B	Technical Specifications

(f) Original duly signed **Omnibus Sworn Statement** in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form attached as **Annex III** with attached **Proof of Authority of the bidder's authorized representative/s:**

- i. **FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE):**
Notarized Special Power of Attorney.
- ii. **FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE:**
Notarized Secretary's Certificate evidencing the authority of the designated representative/s.
Note: Should there be more than one (1) appointed authorized representatives, use the word "any of the following" or "OR", otherwise, all authorized representatives must sign/initial the bid submission.

IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.

C. FINANCIAL DOCUMENTS

(g) Net Financial Contracting Capacity (NFCC) computation, in accordance with ITB Clause 5.5, (per **Annex IV**).

The NFCC computation must at least be equal to the ABC of this project. The detailed computation using the required formula must be provided.

OR

Original copy of Committed Line of Credit (CLC) per **Annex IV-A** issued by a Local Universal or Local Commercial Bank at least equal to ten percent (10%) of the ABC of this project.

In case of Joint Venture, the partner responsible to submit the NFCC shall likewise submit the Statement of all its ongoing contracts and the Latest Audited Financial Statements.

Class "B" Document: (For Joint Venture)

If applicable, For Joint Ventures, Bidder to submit either:

- (i) Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or
- (ii) Copy of Protocol/Undertaking of Agreement to Enter into Joint Venture (**Annex V**) signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful and must be in accordance with Section 23.1 (b) of the IRR

In case the joint venture is not yet in existence, the submission of a valid JVA shall be within ten (10) calendar days from receipt by the bidder of the notice from the BAC that the bidder is the Lowest Calculated and Responsive Bid [Sec 37.1.4 (a) (i)]

(h) **The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (per Annex V) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.**

ENVELOPE 2: FINANCIAL COMPONENT

- (a) Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Bid Form (**Annex VI**);

- | Lot No. | Form |
|---------|------------|
| 1 | Annex VI-1 |
| 2 | Annex VI-2 |

and

- (b) Original of duly signed and accomplished Price Schedule(s) (**Annex VI-A or VI-B**).

The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted.