



**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Sep-12-2022, 2:00 PM		
RFQ No.:	22-08-3967	Date:	September-07-2022
PR No.:	GAA-22-08-14435	Date:	August-04-2022

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the enlisted item/s below. Bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, except otherwise specified in the requirements. Award may be considered for prospective bidder/s proven to be the single/lowest calculated and responsive quotation among all other quotations. Guidelines on the format of quotations and eligibility documents are listed below. Kindly follow the prescribed GUIDELINES to avoid DISQUALIFICATION.

Quotations may be submitted 1) manually to the BAC Secretariat at G/F DOST-ASTI Bldg., UP Technology Park Complex, CP Garcia Ave., UP Campus, Diliman, Quezon City or 2) sent via electronic mail at bac-sec@asti.dost.gov.ph. For further information, please contact the BAC Secretariat at +63 2 8249-8500 loc. 1206/1212.

Thank you.

EMMANUEL P. BALINTEC
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Portable Rollup Chroma Green Screen Background Stand</p> <p>1. Background / Objectives.</p> <p>1.1. Portable background system that enables chroma key compositing, or chroma keying, that would enable a visual-effects and post-production technique for compositing (layering) two images or video streams together based on color hues (chroma range).</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Portable background stand.</p> <p>2.2. Wrinkle resistant.</p> <p>2.3. Chroma green material.</p> <p>2.4. Aluminum housing.</p> <p>2.5. Hydraulic assisted.</p> <p>2.6. Open Screen Dimension: 150 cm x 210 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p>	1	unit	6800.00	6,800.00

	<p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
2	<p>Battery - Lithium-Ion, V-Mount, 98Wh</p> <p>1. Background / Objectives.</p> <p>1.1. Large capacity film and TV industry standard mount battery for use in powering video cameras, LED lighting, monitors, and other compatible equipment.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Battery Mount Type: V-Mount.</p> <p>2.2. Chemistry: Lithium-Ion.</p> <p>2.3. Capacity: 6800 mAh / 98 Wh.</p> <p>2.4. Maximum Load: 10A.</p> <p>2.5. Status Screen: LCD.</p> <p>2.6. Voltage.</p> <p>2.6.1. D-Tap: 14.8V.</p> <p>2.6.2. USB-A: 5.0V/2.4A, 9V/2A, 12V/1.5A.</p> <p>2.6.3. USB-C In/Output: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.2A.</p> <p>2.6.4. Micro USB Input: 5V/3A.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	2	unit	13800.00	27,600.00
3	<p>Battery Charger - 14500</p> <p>1. Background / Objectives.</p> <p>1.1. Charger for 14500 type battery.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Charges 14500 Battery.</p> <p>2.2. DC Plug Type: USB Type-A.</p> <p>2.3. Short circuit protection.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	1500.00	1,500.00

4	<p>Battery Charger 2 Bay - Lithium-Ion, V-Mount</p> <p>1. Background / Objectives.</p> <p>1.1. Two (2) bay / channel charger for V-Mount batteries.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Electrical</p> <p>2.1.1. Battery Mount Type: V-Mount.</p> <p>2.1.2. Number of Battery Bays: 2.</p> <p>2.1.3. AC Input Power: 100 to 240 VAC, 50 / 60 Hz.</p> <p>2.1.4. Power Output: 16.8 VDC at 2 A each bay.</p> <p>2.1.5. Multi-Bay Charging Modes: Simultaneous.</p> <p>2.1.6. Recharge Time:</p> <p>2.1.6.1. 4 Hours (100 Wh Batteries).</p> <p>2.1.6.2. 5.3 Hours (130 Wh Batteries).</p> <p>2.1.6.3. 6.5 Hours (160 Wh Batteries).</p> <p>2.1.6.4. 8 Hours (190 Wh Batteries).</p> <p>2.1.6.5. 10.3 Hours (250 Wh Batteries).</p> <p>2.1.7. Maximum Wattage: 100 W.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	2	unit	11900.00	23,800.00
5	<p>Battery Mount Plate - V-Mount with 15mm Rod Mount</p> <p>1. Background / Objectives.</p> <p>1.1. Battery adapter plate enables mounting of V-Mount battery to 15mm LWS rod. Able to distribute various voltages and port configurations in order to power video cameras and accessories.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Connectors / Voltage:</p> <p>2.1.1. 1 x D-Tap: 14.8V.</p> <p>2.1.2. 1 x USB Type-A: 5V/2A.</p> <p>2.1.3. 1 x DC Barrel Jack: 8V.</p> <p>2.1.4. 2 x DC Barrel Jack: 12V.</p> <p>2.2. Plate Front / Battery Mount: V-Mount.</p> <p>2.3. Plate Rear Mount: 15 mm Rod Clamp.</p> <p>2.4. Adjustable Arm.</p> <p>2.5. 1/4-inch 20 mounting threads on plate/clamp.</p> <p>2.6. Material: Aluminum, PVC.</p> <p>3. Accessories.</p> <p>3.1. Mounting screws.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p>	1	unit	9900.00	9,900.00

	<p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
6	<p>D-Tap Splitter Cable - 1x2</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable splitter extends single D-Tap to multiple D-Tap connections.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Input: 1 x D-Tap, Male.</p> <p>2.2. Output: 2 x D-Tap, Female.</p> <p>2.3. Length: 17.7 inches/45cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	1900.00	1,900.00
7	<p>D-Tap Splitter Cable - 1x4</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable splitter extends single D-Tap to multiple D-Tap connections.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Input: 1 x D-Tap, Male.</p> <p>2.2. Output: 4 x D-Tap, Female.</p> <p>2.3. Length: 23.5 inches / 60 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	2200.00	2,200.00
8	<p>D-Tap to 2.1mm Barrel Cable</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable adapter from D-Tap to 2.1mm Barrel ports.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Connector 1: D-Tap.</p>	1	unit	1800.00	1,800.00

	<p>2.2. Connector 2: 2.1 mm VDC Barrel.</p> <p>2.3. Length: 23.6 inches / 60 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
9	<p>D-Tap to NP-F Power Cable Adapter</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable adapter from D-Tap/P-Tap output of high-capacity source battery to dummy NP-F type battery to power devices that require NP-F type batteries.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Anti-short-circuit design.</p> <p>2.2. LED display voltage.</p> <p>2.3. Suitable for devices that require NP-F type battery power.</p> <p>2.4. Output DC 7.2V.</p> <p>2.5. Length: 27.5 inches/70 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	2400.00	2,400.00
10	<p>DC Cable Pack - For Digital Film Video Camera - 6K, Super35 sensor, EF Mount, HDMI</p> <p>1. Background / Objectives.</p> <p>1.1. Cable set to provide options to power Digital Film Video Camera - 6K, Super35 sensor, EF Mount, HDMI.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible with existing equipment.</p> <p>2.1.1. Digital Film Video Camera - 6K, Super35 sensor, EF Mount, HDMI (Blackmagic Design Pocket Cinema Camera 6K Pro).</p> <p>2.2. Cables:</p> <p>2.2.1. Cable 1: 2-Pin to D-Tap.</p> <p>2.2.2. Cable 2: 2-Pin to 2.5 mm Barrel.</p> <p>2.2.3. Cable 3: 2-Pin to Flying Leads.</p> <p>2.3. Length (each): 25.6 inches / 65 cm.</p>	1	unit	4890.00	4,890.00

	<p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
11	<p>Micro-USB to 2.5mm Cable - Right Angle</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable adapter Micro-USB to 2.5mm ports.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Material: Aluminum, Stainless Steel, Rubber, ABS Plastic.</p> <p>2.2. Connectors.</p> <p>2.2.1. Micro-USB.</p> <p>2.2.2. Right-Angle 2.5 mm Coax.</p> <p>2.3. Length: 23.5 inches / 60 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	2600.00	2,600.00
12	<p>Micro-USB to D-Tap Cable</p> <p>1. Background / Objectives.</p> <p>1.1. Power cable adapter Micro-USB to D-Tap ports.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Material: ABS Plastic, Copper, Rubber, Stainless Steel.</p> <p>2.2. Connectors.</p> <p>2.2.1. Micro-USB.</p> <p>2.2.2. D-Tap.</p> <p>2.3. Length: 13.2 inches / 33.7 cm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: One (1) year.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	2800.00	2,800.00

13	<p>Camera Slider - 100cm</p> <p>1. Background / Objectives.</p> <p>1.1. Enables performance of smooth video camera movements in tracking or dolly shots.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Length: 100cm.</p> <p>2.2. Material: Carbon Fiber, Aluminum alloy.</p> <p>2.3. Payload Capacity: 10kg.</p> <p>2.4. Diameter: 19mm.</p> <p>2.5. Base screw: 1/4-inch, 3/8-inch.</p> <p>2.6. Sliding mounting platform base for camera.</p> <p>2.7. Able to be mounted on tripods or stands.</p> <p>3. Accessories.</p> <p>3.1. Carrying bag.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	7400.00	7,400.00
14	<p>Camera Slider Support Rods</p> <p>1. Background / Objectives.</p> <p>1.1. Stabilize camera slider on tripod.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. One (1) pair rod per unit.</p> <p>2.2. Stabilize camera slider on tripod.</p> <p>2.3. Attach to camera slider ends and tripod legs.</p> <p>2.4. With 360-degree rotating mounting ball.</p> <p>2.5. Adjustable support rods: Approx. 18.9-inch to 29.9-inch.</p> <p>2.6. Allows for tilted setups.</p> <p>2.7. Material: Aluminum alloy.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	5200.00	5,200.00
15	<p>15mm LWS Rods - 18-inch Pair, Carbon Fiber</p> <p>1. Background / Objectives.</p>	1	unit	3800.00	3,800.00

	<p>1.1. Enables attachment of 15mm rod-mounted accessories to camera rig.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Conforms to 15mm LWS rod standard for accessory mounting.</p> <p>2.1.1. Note: LWS - Light Weight Support.</p> <p>2.2. One (1) pair per unit.</p> <p>2.3. Material: Carbon Fiber.</p> <p>2.4. Length: 18 inches / 45.7 cm.</p> <p>2.5. Rod Diameter: 15 mm.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
16	<p>Articulating Arm - With 15mm Rod Clamp - 10 inches</p> <p>1. Background / Objectives.</p> <p>1.1. Provides support for external monitors and features a 15mm rod clamp for attaching to 15mm rod support systems.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. 15mm Rod Adapter Clamp.</p> <p>2.2. Articulating Arm.</p> <p>2.3. Arm Length: 10 inches.</p> <p>2.4. 1/4-inch 20 mounting points.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	5600.00	5,600.00
17	<p>DSLR Camera with Lens Kit - APS-C, EF-S Mount, 18mm-135mm f/3.5-5.6 Lens</p> <p>1. Background / Objectives.</p> <p>1.1. Camera for still photography with kit lens.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p>	1	unit	98000.00	98,000.00

1.3. Offers of equivalent or better specifications are acceptable.

2. Functional / Technical Specifications.

2.1. Imaging.

2.1.1. Lens Mount: EF-S Mount.

2.1.2. Camera Format: APS-C (1.6x Crop Factor).

2.1.3. Pixels.

2.1.3.1. Actual: 34.4 Megapixel.

2.1.3.2. Effective: 32.5 Megapixel.

2.1.4. Maximum Resolution: 6960 x 4640.

2.1.5. Aspect Ratio: 1:1, 3:2, 4:3, 16:9.

2.1.6. Sensor Type: CMOS.

2.1.7. Sensor Size: 22.3 mm x 14.8 mm.

2.1.8. Image File Format: JPEG, Raw.

2.1.9. Bit Depth: 14-Bit.

2.1.10. Image Stabilization: Digital (Video).

2.2. Exposure Control.

2.2.1. ISO Sensitivity.

2.2.1.1. Auto: 100 to 25600.

2.2.1.2. Extended: 100 to 51200.

2.2.2. Shutter Speed.

2.2.2.1. Mechanical Shutter.

2.2.2.1.1. 1/8000 to 30 second.

2.2.2.1.2. Bulb Mode.

2.2.2.2. Electronic Shutter: 1/16000 to 30 second.

2.2.3. Metering Method: Center-Weighted Average, Evaluative, Partial, Spot.

2.2.4. Exposure Modes: Aperture Priority, Manual, Program, Shutter Priority.

2.2.5. Exposure Compensation: -5 to +5 EV (1/3, 1/2 EV Steps).

2.2.6. Metering Range: 1 to 20 EV.

2.2.7. White Balance: Auto, Cloudy, Color Temperature, Custom, Daylight, Flash, Fluorescent (White), Shade, Tungsten.

2.2.8. Continuous Shooting.

2.2.8.1. Up to 10 fps at 32.5 MP for up to 25 Exposures (Raw).

2.2.8.2. Up to 10 fps at 32.5 MP for up to 58 Exposures (JPEG).

2.2.8.3. Up to 11 fps at 32.5 MP.

2.2.8.4. Up to 7 fps at 32.5 MP.

2.2.9. Interval Recording.

2.2.10. Self-Timer: 2/10-second delay.

2.2.11. Mirror Lock-Up.

2.3. Video.

2.3.1. Recording Modes.

2.3.1.1. MP4/H.264.

2.3.1.2. UHD 4K (3840 x 2160) at 23.976p/25p/29.97p.

2.3.1.3. Full HD (1920 x 1080) at 23.976p/25p/29.97p/50p/59.94p/100p/119.88p.

2.3.1.4. HD (1280 x 720) at 50p/59.94p.

2.3.2. External Recording Modes.

2.3.2.1. 4:2:2 8-Bit.

2.3.2.2. UHD 4K (3840 x 2160) up to 25p/29.97p.

2.3.3. Recording Limit: Up to 29 Minutes, 59 Seconds.

2.3.4. Video Encoding: NTSC.

2.3.5. Audio Recording.

2.3.5.1. Built-In Microphone (Stereo).

- 2.3.5.2. External Microphone Input (Stereo).
- 2.3.6. Audio File Format: AAC.
- 2.4. Focus.
 - 2.4.1. Focus Type: Auto and Manual Focus.
 - 2.4.2. Focus Mode: Continuous-Servo AF (C), Manual Focus (M), Single-Servo AF (S)
 - 2.4.3. Autofocus Points.
 - 2.4.3.1. Phase Detection: 45 (45 Cross-Type).
 - 2.4.3.2. Phase Detection: 5481
 - 2.4.4. Autofocus Sensitivity: -3 to +18 EV.
- 2.5. Viewfinder and Monitor.
 - 2.5.1. Viewfinder Type: Optical (Pentaprism).
 - 2.5.2. Viewfinder Eye Point: 22 mm.
 - 2.5.3. Viewfinder Coverage: 100%.
 - 2.5.4. Viewfinder Magnification: Approx. 0.95x.
 - 2.5.5. Diopter Adjustment: -3 to +1.
 - 2.5.6. Monitor Size: 3-inch.
 - 2.5.7. Monitor Resolution: 1,040,000 Dot.
 - 2.5.8. Monitor Type: Articulating Touchscreen LCD.
- 2.6. Flash.
 - 2.6.1. Built-In Flash.
 - 2.6.2. Flash Modes: Auto, Manual.
 - 2.6.3. Guide Number: 39.37 feet / 12 m at ISO 100.
 - 2.6.4. Maximum Sync Speed: 1/250 second.
 - 2.6.5. Flash Compensation: -3 to +3 EV (1/3, 1/2 EV Steps).
 - 2.6.6. Dedicated Flash System: eTTL.
 - 2.6.7. External Flash Connection: Hot Shoe.
- 2.7. Interface.
 - 2.7.1. Memory Card Slot.
 - 2.7.1.1. Single Slot: SD/SDHC/SDXC (UHS-II).
 - 2.7.2. Connectivity.
 - 2.7.2.1. 3.5mm Headphone.
 - 2.7.2.2. 3.5mm Microphone.
 - 2.7.2.3. HDMI C (Mini).
 - 2.7.2.4. Micro-B (USB 2.0).
 - 2.7.3. Wireless.
 - 2.7.3.1. Bluetooth.
 - 2.7.3.2. Wi-Fi.
- 2.8. Power.
 - 2.8.1. Battery: LP-E6N Rechargeable Lithium-Ion, 7.2 VDC, 1865 mAh x 1.
 - 2.8.2. Battery Charger: 1.
- 2.9. Lens.
 - 2.9.1. Focal Length: 18 to 135mm (35mm Equivalent Focal Length: 28.8 to 216mm).
 - 2.9.2. Maximum Aperture: f/3.5 to 5.6.
 - 2.9.3. Minimum Aperture: f/22 to 38.
 - 2.9.4. Angle of View: 74 Degree 20' to 11 Degree 30'.
 - 2.9.5. Maximum Magnification: 0.28x.
 - 2.9.6. Minimum Focus Distance: 1.28 feet (39cm).
 - 2.9.7. Optical Design: 16 Elements in 12 Groups.
 - 2.9.8. Diaphragm Blades: 7, Rounded.
 - 2.9.9. Focus Type: Autofocus.
 - 2.9.10. Image Stabilization.
 - 2.9.11. Filter Size: 67 mm (Front).
- 3. Accessories.
 - 3.1. Camera bag.
- 4. Warranty: 12 months.

	<p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
18	<p>Lens Control System - Wireless - Focus, Iris, Zoom (FIZ)</p> <p>1. Background / Objectives.</p> <p>1.1. System to remotely control lens focus, iris, and/or zoom through lens drive motors via wireless connection to a controller.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. System.</p> <p>2.1.1. Number of Channels: 3.</p> <p>2.2. Maximum Range: 1,000 feet / 304.8 m.</p> <p>2.3. Receiver / Motor.</p> <p>2.3.1. Included Drive Gear: 0.8 MOD.</p> <p>2.3.2. Rod Standard.</p> <p>2.3.2.1. Receiver / Motor: 19 mm rod clamp with 19 to 15 mm reducing bushing.</p> <p>2.3.3. Included Motors: 2.</p> <p>2.3.4. Maximum Peak Torque: 2.5 Nm.</p> <p>2.3.5. DC Input Power: 7.2 to 24 VDC.</p> <p>2.4. Transmitter / Controller.</p> <p>2.4.1. Camera Trigger.</p> <p>2.4.2. Battery Type: Rechargeable.</p> <p>2.4.3. DC Input Power: 3.7 VDC.</p> <p>2.5. Handgrip.</p> <p>2.5.1. Right Handgrip with Focus Control.</p> <p>2.5.2. Left Handgrip with Iris and Zoom Control.</p> <p>2.5.3. Adapters that enable mounting the controllers onto ARRI-compatible rosettes or onto 25/30mm diameter rods.</p> <p>3. Accessories.</p> <p>3.1. Neck strap.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	79000.00	79,000.00
19	<p>Matte Box - 4x4, 15mm Front Bracket, Swing Away, Metal</p> <p>1. Background / Objectives.</p> <p>1.1. Video camera accessory to block unwanted light from reaching the lens surface and to hold filters in place in front of the lens.</p> <p>1.2. Specifications indicated herein are minimum</p>	1	unit	14900.00	14,900.00

	<p>requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible with standard 15mm rail system.</p> <p>2.2. Metal CNC machined construction (except for matte box body and filter trays).</p> <p>2.3. Flags.</p> <p>2.3.1. Top Flag: Foldable French flag x 1.</p> <p>2.3.2. Side Flag: Side wings x 2.</p> <p>2.3.3. Locked by metal screws.</p> <p>2.4. Filter Trays.</p> <p>2.4.1. Compatible with standard 1mm-2mm 4x4 filters, as well as 4x4 filters up to 4mm thickness.</p> <p>2.4.2. Fixed Tray: 1.</p> <p>2.4.3. 360-degree Rotatable Tray: 1.</p> <p>2.5. Donuts / Bellows.</p> <p>2.5.1. Included: 104mm, 98mm, 88mm, 84mm, 76mm, 64mm.</p> <p>2.5.2. Support maximum of 14mm ultra-wide-angle lenses or large lenses up to 114mm in diameter.</p> <p>2.5.3. Includes knicker (soft cloth connection) for use with different size lens.</p> <p>2.6. Mechanical.</p> <p>2.6.1. Swing-away mechanism at 90 degrees.</p> <p>2.6.2. Mechanism to unlock, automatic closure and allow height adjustment.</p> <p>2.7. Other.</p> <p>2.7.1. Sunshade Board (16:9): 1.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
20	<p>Barndoor - For Video Light - Point Source Bi-color LED</p> <p>1. Background / Objectives.</p> <p>1.1. Light modifier consisting of a 4-way barndoor that allows for one to four of the leaves to be swung into the light's beam to illuminate certain areas while keeping light from other areas.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. 4-way barndoors that allow the leaves to be swung to control light direction and spill.</p> <p>2.2. Compatible with and fits reflectors for existing equipment.</p> <p>2.2.1. Video Light - Point Source Bi-color (Aputure Amaran 200x Bi-Color LED Light).</p>	1	unit	4200.00	4,200.00

	<p>2.3. Compatible with Bowens S Mount.</p> <p>3. Accessories.</p> <p>3.1. 30-degree Honeycomb Grid.</p> <p>3.2. Magnetic Gel Holder.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
21	<p>Flag Panel Kit - 75x90 cm</p> <p>1. Background / Objectives.</p> <p>1.1. Light modifier that allows for diffusing, reflecting, and blocking light.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Flag Panel Frame.</p> <p>2.1.1. Quantity: 1 per set.</p> <p>2.1.2. Dimension: 75cm x 90cm</p> <p>2.1.3. Material: Stainless Steel.</p> <p>2.1.4. With grip handle.</p> <p>2.2. Cloth Flag Panels.</p> <p>2.2.1. Silver: 1.</p> <p>2.2.1.1. For contrast and to increase highlights.</p> <p>2.2.2. Gold: 1.</p> <p>2.2.2.1. Achieve warm skin tones.</p> <p>2.2.3. Black: 1.</p> <p>2.2.3.1. Block out unwanted light.</p> <p>2.2.4. White: 1.</p> <p>2.2.4.1. Produce neutral color temperature.</p> <p>2.2.5. Translucent: 1.</p> <p>2.2.5.1. Acts as diffuser for softer look without shadow.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	set	2800.00	2,800.00
22	<p>Memory Card - CFast 2.0 - 128GB</p> <p>1. Background / Objectives.</p> <p>1.1. CFast 2.0 type memory card for recording high-speed and high-capacity data.</p> <p>1.2. Specifications indicated herein are minimum requirements unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are</p>	1	unit	14000.00	14,000.00

	<p>acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible with existing equipment.</p> <p>2.1.1. Digital Film Video Camera - 6K, Super35 sensor, EF Mount, HDMI (Blackmagic Design Pocket Cinema Camera 6K Pro).</p> <p>2.2. Card Type: CFast 2.0.</p> <p>2.3. Storage Capacity: 128 GB.</p> <p>2.4. Bus Type: SATA III.</p> <p>2.5. Speed (X-rating): 3500x.</p> <p>2.6. Read Speed: 525 MB/s Maximum.</p> <p>2.7. Write Speed: 450 MB/s Maximum, 130 MB/s Minimum.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from the issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
23	<p>Memory Card - SDHC UHS-II - 32GB</p> <p>1. Background / Objectives.</p> <p>1.1. SDHC UHS-II type memory card for recording high-speed and high-capacity data.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Card Type: SDHC.</p> <p>2.2. Storage Capacity: 32 GB.</p> <p>2.3. Bus Type: UHS-II.</p> <p>2.4. Speed Class: 10.</p> <p>2.5. UHS Speed Class: U3.</p> <p>2.6. Video Speed Class: V90.</p> <p>2.7. Read Speed: 300 MB/s Maximum.</p> <p>2.8. Write Speed: 260 MB/s Maximum, 90 MB/s Minimum.</p> <p>2.9. Durability: Shockproof, Temperature Extremes, Waterproof, X-Ray Proof.</p> <p>2.10. Write-Protect Switch.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from the issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	2	unit	4200.00	8,400.00
24	<p>Memory Card Reader - CFast 2.0, USB 3.1 /</p>	2	unit	8600.00	17,200.00

	<p>Thunderbolt 2</p> <p>1. Background / Objectives.</p> <p>1.1. Charger for CFast 2.0 memory card.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Performance</p> <p>2.1.1. Media Card Reader: 1 x CFast (CFast 2.0 / SATA III (6 Gb/s)).</p> <p>2.1.2. Host Computer Interface.</p> <p>2.1.2.1. USB 3.1 Gen 1 (5 Gb/s).</p> <p>2.1.2.2. Thunderbolt 2 (20 Gb/s).</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from the issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
25	<p>Memory Card Reader / Writer - SD, microSD, CompactFlash</p> <p>1. Background / Objectives.</p> <p>1.1. Transfers data from SD, microSD, and CompactFlash cards to computer.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Media Card Reader.</p> <p>2.1.1. 1 x SDXC (UHS-II (312 MB/s)).</p> <p>2.1.2. 1 x microSDXC (UHS-II (312 MB/s)).</p> <p>2.1.3. 1 x CompactFlash Type I (UDMA 7 (167 MB/s)).</p> <p>2.2. System Connection: Micro-USB 10-Pin Female (USB 3.1 / 3.2 Gen 1 (5 Gb/s)).</p> <p>2.3. Power Source: USB Bus Power.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from the issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	2	unit	3000.00	6,000.00
26	<p>Solid State Drive (SSD) - External - 2TB</p> <p>1. Background / Objectives.</p> <p>1.1. Solid State Drive (SSD) for recording high-speed and high-capacity data.</p>	2	unit	20000.00	40,000.00

	<p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible with existing equipment.</p> <p>2.1.1. Digital Film Video Camera - 6K, Super35 sensor, EF Mount, HDMI (Blackmagic Design Pocket Cinema Camera 6K Pro).</p> <p>2.2. Storage Capacity: 2 TB.</p> <p>2.3. Connection</p> <p>2.3.1. 1 x USB 3.2 / USB 3.1 Gen 2 (USB Type-A).</p> <p>2.3.2. 1 x USB 3.2 / USB 3.1 Gen 2 (USB Type-C).</p> <p>2.4. Read Speed: 540 MB/s Maximum.</p> <p>2.5. Write Speed: 515 MB/s Maximum.</p> <p>2.6. Encryption: 256-Bit AES (Hardware-Based).</p> <p>2.7. Internal Drive</p> <p>2.7.1. Type: Solid-State Drive (SSD).</p> <p>2.7.2. Flash Memory Type: Multi-Level Cell (MLC).</p> <p>2.8. External Enclosure</p> <p>2.8.1. Security Features: Password Protection.</p> <p>2.8.2. Power Source: USB Bus Power.</p> <p>2.8.3. Shock Resistant.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from the issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
27	<p>Timecode Generator Unit - Bluetooth, 2.4GHz</p> <p>1. Background / Objectives.</p> <p>1.1. Device to generate and/or sync jam SMPTE timecode formats to synchronize audio and footage in double-system recording and/or footage in multi-camera setups.</p> <p>1.1.1. Note: SMPTE - Society of Motion Picture and Television Engineers.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Generate and/or jam sync all SMPTE timecode formats.</p> <p>2.2. Frame rates: 23.98, 24, 25, 29.97, 29.97DF, 30 fps.</p> <p>2.3. Drift: Less than or equal to 1 frame per 72 hours.</p> <p>2.4. Locking 3.5mm timecode port.</p> <p>2.5. Display: 1-inch, OLED.</p> <p>2.6. Microphone: Onboard, Omni-Directional.</p> <p>2.7. LED Status Lights: Indicate power, device sync, and wireless pairing.</p> <p>2.8. Wireless Connectivity.</p>	1	unit	12000.00	12,000.00

	<p>2.8.1. 2.4 GHz.</p> <p>2.8.1.1. Range: 30 feet.</p> <p>2.8.1.2. 2.4 GHz wireless control from other same devices.</p> <p>2.8.2. Bluetooth.</p> <p>2.8.2.1. Range: 250 feet.</p> <p>2.8.2.2. Bluetooth wireless control from mobile device.</p> <p>2.9. Mounting Options.</p> <p>2.9.1. Integrated hook-and-loop pad.</p> <p>2.9.2. Cold shoe mount with 1/4-inch and/or 3/8-inch threads.</p> <p>2.10. Power.</p> <p>2.10.1. Battery: Lithium-Ion, rechargeable.</p> <p>2.10.2. Battery Capacity: 950 mAh.</p> <p>2.10.3. Approx. 28-hour battery life.</p> <p>3. Accessories.</p> <p>3.1. Cables.</p> <p>3.1.1. Locking TRS to TRS coiled audio cable: 1.</p> <p>3.1.2. Charging cable: 1.</p> <p>3.2. Female hook-and-loop.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
28	<p>Production / Video Assist Monitor (Director's / 1st Assistant Camera) Cage - 7-inch Maximum Monitor Capacity Cage</p> <p>1. Background / Objectives.</p> <p>1.1. Cage with handle to hold field monitor for use by a director, focus puller or anyone who needs a personal monitor during a shoot.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible Display: Fits 4-inch to 7-inch field / video assist monitor.</p> <p>2.2. Material: Aluminum.</p> <p>2.3. Foam handgrips.</p> <p>2.4. Included V-mount battery plate.</p> <p>2.5. Mounting.</p> <p>2.5.1. Multiple 1/4-inch 20 female thread.</p> <p>2.5.2. Multiple 3/8-inch 16 female thread.</p> <p>3. Accessories.</p> <p>3.1. Neck strap.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance</p>	1	unit	3500.00	3,500.00

	<p>of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
29	<p>Video Assist Monitor - 7-inch - 3G-SDI / HDMI HD</p> <p>1. Background / Objectives.</p> <p>1.1. Portable monitor, professional recorder, portable scope, and camera viewfinder that is used to aid in video production shoots.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Connections</p> <p>2.1.1. SDI Video Inputs: 1.</p> <p>2.1.2. SDI Video Outputs: 1.</p> <p>2.1.3. SDI Rates: 270Mb, 1.5G, 3G.</p> <p>2.1.4. HDMI Video Inputs: 1.</p> <p>2.1.5. HDMI Video Outputs: 1.</p> <p>2.1.6. Analog Audio Inputs: 2 x balanced mini XLR with phantom power.</p> <p>2.1.7. Analog Audio Outputs: 1 x 3.5mm headphone jack.</p> <p>2.1.8. Built in Speaker: Mono.</p> <p>2.1.9. Screen Dimensions: 7 inch 1920 x 1200.</p> <p>2.1.10. Screen Brightness: 310nits.</p> <p>2.1.11. SDI Audio Inputs: 16 channels embedded via SDI.</p> <p>2.1.12. SDI Audio Outputs: 16 channels embedded via SDI.</p> <p>2.1.13. HDMI Audio Inputs: 8 channels embedded via HDMI.</p> <p>2.1.14. HDMI Audio Outputs: 8 channels embedded via HDMI.</p> <p>2.1.15. Remote Control: 1 x 2.5mm LANC for Record Start and Stop.</p> <p>2.1.16. SD Interface: Dual UHS-I SD slots.</p> <p>2.1.17. Storage Type.</p> <p>2.1.17.1. SDXC UHS-I SD cards.</p> <p>2.1.17.2. SDHC UHS-I SD cards.</p> <p>2.1.17.3. Supports DS, HS, SDR12, SDR25, DDR50, SDR50 and SDR104 SD cards.</p> <p>2.1.18. Computer Interface.</p> <p>2.1.18.1. 1 x USB Type-C.</p> <p>2.1.18.2. Webcam out, initial setup, software updates and Video Assist Utility software control.</p> <p>2.2. SDI Video Standards.</p> <p>2.2.1. SD Video Standards: 525i59.94 NTSC, 625i50 PAL.</p> <p>2.2.2. HD Video Standards: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60.</p> <p>2.2.3. 2K Video Standards: 2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI, 2KPsF23.98 DCI, 2KPsF24 DCI, 2KPsF25 DCI.</p>	1	unit	49000.00	49,000.00

2.2.4. SDI Compliance: SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M.

2.2.5. SDI Metadata Support: HD RP188.

2.2.6. Audio Sampling: Television standard sample rate of 48 kHz and 24-bit.

2.2.7. Video Sampling: 4:2:2 YUV.

2.2.8. Color Precision: 10-bit.

2.2.9. Color Space: REC 601, REC 709.

2.2.10. Multiple Rate Support: SDI and HDMI switches between 270 Mb/s, 1.5 Gb/s and 3 Gb/s.

2.3. HDMI Video Standards.

2.3.1. SD Video Standards: 525i59.94 NTSC, 625i50 PAL.

2.3.2. HD Video Standards: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080i50, 1080i59.94, 1080i60.

2.3.3. HDMI Color Precision: 10-bit.

2.4. Media.

2.4.1. Media: 2 x UHS-I SD for HD recording.

2.4.2. Media Type.

2.4.2.1. SDXC UHS-I SD card.

2.4.2.2. SDHC UHS-I SD card.

2.4.3. Supported Codecs: ProRes 422 HQ, ProRes 422, ProRes 422 LT, ProRes 422 Proxy, DNxHD 220x, DNxHD 145, DNxHD 45, DNxHD 220x MXF, DNxHD 145 MXF, DNxHD 45 MXF.

2.5. Control.

2.5.1. Recorder Control.

2.5.1.1. Integrated capacitive touchscreen LCD with onscreen controls for settings and navigating menus.

2.5.2. External Control.

2.5.2.1. LANC, SDI and HDMI start/stop, timecode run.

2.6. Scopes.

2.6.1. Scopes: Waveform, RGB Parade, Vector, Histogram.

2.6.2. Viewing Modes: Scopes with picture in picture or picture overlay and opacity control.

2.7. Operating System.

2.7.1. System software setup for Windows and Mac OS.

2.8. Power.

2.8.1. 1 x External 12V power supply.

2.8.2. Compatible with NP-F style batteries.

3. Accessories.

4. Warranty: 12 months.

5. Delivery and Payment.

5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).

5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.

5.3. Payment Terms: Prescribed government terms.

30	C-Stand Baby Pin - 5-inch 1. Background / Objectives. 1.1. Enables mounting of strobes, video lights, light modifiers, and other accessories to C-Stands.	6	unit	650.00	3,900.00
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	<p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible for use with C-Stands and Super Clamps.</p> <p>2.2. Compatible and fits to C-Stand Grip Head.</p> <p>2.3. Locking Dimples.</p> <p>2.4. Size.</p> <p>2.4.1. Length: 5 inches.</p> <p>2.4.2. Fit: 5/8-inch.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
31	<p>C-Stand Grip Arm Kit - Turtle Base - 300cm Height, 10kg Load Capacity</p> <p>1. Background / Objectives.</p> <p>1.1. C-Stand (Century Stand) used to position lights, light modifiers, and other accessories.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. C-Stand (Century Stand).</p> <p>2.1.1. Stand with boom / grip arm.</p> <p>2.1.2. Base.</p> <p>2.1.2.1. Turtle Base: Removable base.</p> <p>2.1.2.2. Three (3) nesting legs.</p> <p>2.1.3. Maximum Height: 300 cm.</p> <p>2.1.4. Maximum Load Capacity: 10 kg.</p> <p>2.1.5. Three (3) section telescopic stand with damping springs.</p> <p>2.1.6. Boom / grip arm length: 130 cm.</p> <p>2.1.7. Grip Head: 2 units.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	5	unit	7400.00	37,000.00
32	<p>Counterweight Sandbag - 9kg Weight Capacity</p> <p>1. Background / Objectives.</p>	12	unit	550.00	6,600.00

	<p>1.1. Stabilize equipment such as light stands, boom arms, tripod, etc. by providing counterweight. 1.1.1. Note: Bag only. Counterweight material (gravel, sand, rocks, etc.) not included. 1.2. Specifications indicated herein are minimum requirements, unless otherwise stated. 1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications. 2.1. Two (2) zipper pouches each unit. 2.2. Dimension: each pouch 9-inch x 10-inch. 2.3. Weight Capacity: 9kg / 20lbs. 2.4. Material: Heavy duty nylon. 2.5. Heavy duty handle. 2.6. High visibility black and yellow stripe color.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment. 5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP). 5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees. 5.3. Payment Terms: Prescribed government terms.</p>				
33	<p>Gaffer Grip</p> <p>1. Background / Objectives. 1.1. Multi-use clamp that can hold small light fixtures and other accessories to C-Stands. 1.2. Specifications indicated herein are minimum requirements, unless otherwise stated. 1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications. 2.1. Compatible for use with C-Stands. 2.2. Clamp adjustable to 3.75 inch. 2.3. 5/8-inch mounting pins x 2. 2.4. Clamp jaw with 12 rubber grip pads to protect surface being clamped and provide gripping ability.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment. 5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP). 5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees. 5.3. Payment Terms: Prescribed government terms.</p>	2	unit	3000.00	6,000.00
34	<p>Grip Head</p> <p>1. Background / Objectives. 1.1. Connects extension arm to a C-Stand, holding the boom arm in place. Enables adjusting the height, angle and position of equipment connected to the stand. 1.2. Specifications indicated herein are minimum</p>	2	unit	950.00	1,900.00

	<p>requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Compatible with standard C-Stands.</p> <p>2.2. Accepts accessories with 4mm, 9mm, 12mm, 16mm mounting stud or tubing.</p> <p>2.3. Material: Metal.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>				
35	<p>Light / Equipment Stand - Floor Stand with Wheels - 220mm, 3kg Load Capacity</p> <p>1. Background / Objectives.</p> <p>1.1. Stand that enables placement and positioning of light equipment and other accessories at a low height, i.e., floor level.</p> <p>1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Functional / Technical Specifications.</p> <p>2.1. Maximum Height: 220mm.</p> <p>2.2. Minimum Height: 220mm.</p> <p>2.3. Folded Height: 260mm.</p> <p>2.4. Load Capacity: 3kg.</p> <p>2.5. With wheels.</p> <p>3. Accessories: N/A.</p> <p>4. Warranty: 12 months.</p> <p>5. Delivery and Payment.</p> <p>5.1. Delivery: Within 60 calendar days from issuance of Notice to Proceed (NTP).</p> <p>5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.</p> <p>5.3. Payment Terms: Prescribed government terms.</p>	1	unit	990.00	990.00
36	<p>Camera Fluid Head and Tripod - Flat Base, 18kg Payload / Aluminum, Bowl Head, Twin Leg, 24.95 kg Payload</p> <p>1. Background / Objectives.</p> <p>1.1. Provide adjustable height support to video camera systems via the tripod as well as dampen sudden movements and vibrations of the camera, through the fluid head, to get smooth video pans and smooth tracking. Also allows the video camera system to remain at an angle that it is set to within its range through the fluid head's counterbalance system.</p>	1	unit	104800.00	104,800.00

1.2. Specifications indicated herein are minimum requirements, unless otherwise stated.

1.3. Offers of equivalent or better specifications are acceptable.

2. Functional / Technical Specifications.

2.1. Fluid Head.

2.1.1. Camera Plate.

2.1.1.1. Quick release.

2.1.1.2. Dimension: 0.4 x 2.0 x 5.5 inch / 1.07 x 5.0 x 14.0 cm.

2.1.1.3. Camera mounting screw: 1 x 1/4-inch 20 Male with locating pin.

2.1.2. Tripod Platform.

2.1.2.1. Base mount: Flat base.

2.1.3. Pan and Tilt.

2.1.3.1. Drag control.

2.1.3.1.1. Pan: Continuous.

2.1.3.1.2. Tilt: Continuous.

2.1.3.2. Drag type: Fluid.

2.1.3.3. Vertical tilt: +90 degrees to -70 degrees.

2.1.3.4. Panning range: 360-degrees.

2.1.3.5. Independent pan lock.

2.1.3.6. Independent tilt lock.

2.1.4. Physical.

2.1.4.1. Material: Aluminum.

2.1.4.2. Load capacity: 8.8 to 39.7 lb. / 4 to 18 kg.

2.1.4.3. Counterbalance.

2.1.4.3.1. Nitrogen gas piston counterbalance mechanism.

2.1.4.3.2. Continuous counterbalance.

2.1.4.3.3. Payload capacity: 8.8 to 26.4 lb. / 3.99 to 11.97 kg.

2.1.4.4. Pan handle fittings: 2 x Rosette.

2.1.4.5. Bubble level: 1 x illuminated.

2.1.4.6. Accessory mounting: 2 x 3/8-inch-16 Female thread.

2.2. Tripod.

2.2.1. General.

2.2.1.1. Head mount type: 100 mm Bowl.

2.2.1.2. Load capacity: 55 lb. / 24.95 kg.

2.2.1.3. Maximum working height: 61.8-inch / 156.97 cm.

2.2.1.4. Minimum working Height: 10.6-inch / 26.92 cm.

2.2.1.5. Closed length. 28.7-inch / 72.9 cm.

2.2.1.6. Material: Aluminum.

2.2.2. Legs.

2.2.2.1. Leg Lock Type: Lever lock.

2.2.2.2. Leg Positions: Locking 3 positions and continuously adjustable.

2.2.2.3. Independent leg spread.

2.2.2.4. Leg Sections: 3.

2.2.2.5. Leg Diameter.

2.2.2.5.1. 0.63-inch / 16 mm.

2.2.2.5.2. 0.98-inch / 25 mm.

2.2.2.6. Feet Features: Rubber, dual spiked.

2.2.2.7. Compatible with mid-level / ground spreader.

3. Accessories.

3.1. Bag or case.

4. Warranty: One (1) year.

5. Delivery and Payment.

5.1. Delivery: Within 90 calendar days from issuance of Notice to Proceed (NTP).

5.2. Bid price shall be inclusive of taxes, delivery charges, and all other related fees.

5.3. Payment Terms: Prescribed government terms.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 620,380.00

GUIDELINES

A. Content and Format of Quotations

1. The Quotation/s must include the RFQ Number or the PR Number indicated above
2. Bidders must specify the BRAND NAMES and MODEL NAMES/NUMBER for the following goods:
 - a. Computer and electronic equipment and its accessories or peripherals
 - b. Software applications, programs, and digital licenses
 - c. Commercial off-the-shelf electronic devices or components
3. The Quotation/s must indicate the registered business name of the company (or individual), business address and contact number. It must also include the full name and signature of the company's authorized representative.
4. BIR Certificate of Registration for new DOST-ASTI suppliers.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
2. Upon issuance of Notice of Award (NOA)
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

For Procurement of Infrastructure

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
 - c. Valid PCAB License
2. Upon issuance of NOA
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

*Requirements under Section 53.6 (Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services) of the revised IRR of RA No. 9184 will not apply to artists such as singer, performer, poet, writer, painter and sculptor who are engaged in business.

**Requirements under Section 53.10 (Lease of Real Property or Venue) of the revised IRR of RA No. 9184, specifically Mayor's/Business Permit, PhilGEPS Registration Number and Income/Business Tax Return will not apply to government agencies as lessors.

***For methods of procurement requiring Mayor's Permit and PhilGEPS Registration Number, valid Certificate of Platinum Membership may be submitted in lieu of the said documents.

C. Terms and Conditions

1. *Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;*
2. *All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;*
3. *Liquidated damages of at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay shall be imposed by the DOST-ASTI pursuant to Section 68 of the revised IRR of RA No. 9184; and*
4. *The DOST-ASTI reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.*