



## TECHNICAL SPECIFICATIONS

Project Title: **PROCUREMENT OF VARIOUS AV EQUIPMENT**  
Total ABC: **Php 500,000.00**  
Fund Source: **GAA (CICA)**

**1 unit HDMI-Wireless Video Transmitter and Receiver** **Php 100,000.00**

### Specifications:

- Transmit up to a 1080p60 HDMI/SDI signal to an HDMI or dual SDI outputs
- 600' line-of-sight transmission with SDI loop-through out
- 3.5mm stereo audio input
- 5.1-5.9 GHz frequency band
- AES-128 encryption
- OLED screen
- Timecode
- Automatic synchronization with camera recording
- Recording
- L-Series battery plates
- D-Tap to LEMO cables
- Bag





**1 set Digital DSLR-Mirrorless Camera with Lens and Accessories**  
**PhpPhp 200,000.00**

**Specifications:**

**DSLR MIRRORLESS WITH 24-105MM LENS**

- 30.3MP Full-Frame CMOS Sensor
- 0.05 secs focusing time
- 5,655 selectable focus positions
- EV-6 focusing limit
- Dual Sensing IS and Combination IS
- Dust and Drip Resistant
- Extra Battery Pack (Battery Pack LP-E6N/LP-E6N With Battery Charger)
- Camera Bag

**SPEEDLITE FLASH**

- 1/1024 Micro Flash with Flash Recycling Time as Fast as 0.1sec
- Control up to 15 Speedlites Wirelessly via Radio Transmission
- Approx. 350 Maximum Flash Count at 1/1 Power and Dust and Drip Resistance
- With 8 Rechargeable AA Batteries and Battery Charger





**1 set HDR Camcorder with Accessories      Php 200,000.00**

**Specifications:**

FDR-AX700 4K HDR Camcorder

- SENSOR TYPE: 1.0-type (13.2 mm x 8.8 mm/0.52 in x 0.35 in) stacked Exmor RS CMOS sensor
- EFFECTIVE PIXELS (VIDEO): Approx. 14.2 M pixels (16:9)6
- LENS TYPE: Zeiss® Vario-Sonnar® T\*
- OPTICAL ZOOM: 12x
- CLEAR IMAGE ZOOM : 4K: 18x, HD: 24x
- SCREEN TYPE: 8.8 cm (3.5 type) Xtra Fine LCD™ display (1,555K) Wide(16:9)
- 2 Extra Rechargeable Battery Pack
- Video Tripod
  - 5.5 lb / 2.5 kg Load Capacity
  - 61.8" / 157 cm Maximum Height
  - 54.7" / 139 cm Maximum Height without Column Extended
  - 27.4" / 69.5 cm Folded Length
  - 4.4 lb / 2 kg Weight
  - +85/-85 (fixed fluid cartridge balance) Tilt Range
  - 360 Degrees Pan Range
- Aluminum Alloy Material
  - 3/8"-16 Levelling Head attachment Fitting
  - 3 Leg Sections
  - Flip Lock Leg Lock Type
  - Three Positions Independent Leg Spread
  - Spiked Feet with 3/8"-16 Screw Thread Spiked/Retractable Feet





**Network Attached Storage**

**P 500,000.00**

- CPU 3.35 to 3.6 GHz Quad-Core
- Total Installed Memory 16 GB DDR4 or Higher
- Maximum Memory Capacity 32 GB
- Number of Bays 8 x 2.5"/3.5"
- Capacity: 96TB 8x12TB NAS HDD or Higher
- Inputs/Outputs 1 x RJ45 10GbE
- 3 x RJ45 Gigabit Ethernet
- 3 x USB-A 3.0 / 3.1/3.2 Gen 1
- 2 x eSATA
- Form Factor Desktop
- RAID RAID 0, 1, 10, 5, 6, F1, JBOD
- Hot-Swap Support Yes
- PCI Expansion 1 x PCIe 3.0 x8 (x4 Electrical)
- Supported File Systems Internal: BTRFS, EXT4
- External: BTRFS, EXT3, EXT4, FAT32, HFS+, NTFS, exFAT



**TECHNICAL WORKING GROUP (TWG)**

**(ICT Equipment and Software)**

**Prepared by:**

  
**LLOYD MANDAPAT**  
Member

  
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**ALFON NARQUITA**  
Chairperson



Republic of the Philippines  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE**



ISO 9001:2015  
Certificate No. 5050072 QM15

**TECHNICAL WORKING GROUP (TWG)**  
**(Audio Visual/Broadcast Equipment)**

  
**JONATHAN D. ABALON**  
Member

  
**XYRUS IVAN B. DE GRACIA**  
Member

  
**HENRY A. DE LEON**  
Chairperson





**PURCHASE REQUEST**


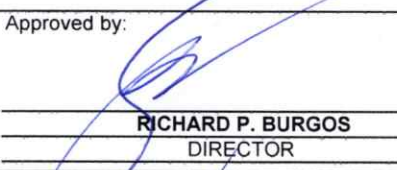
Entity Name: DOST-STII Fund Cluster: CRPD GAA (CICA)

Office/Section: STII - CRPD PR No.: \_\_\_\_\_ Responsibility \_\_\_\_\_ Center Code: \_\_\_\_\_ Date: 04-May-23

Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Unit	HDMI-Wireless Video Transmitter and Receiver (with bag) complete with accessories (battery pack, high speed HDMI cable, 3G HD/SD-SDI cable, Feelworld 5.5 Inch Suppor 4K 3D DSLR Camera Field Monitor 1080P for DSLR Cameras and Gimbal Stabilizer	1	P100,000.00	P100,000.00
	Unit	Digital DSLR-Mirrorless Camera with lens and accessories	1	P200,000.00	P200,000.00
	Unit	HDR Camcorder with extra battery pack, Video tripod, Raptor 6000 Air Hardcase	1	P200,000.00	P200,000.00
		Network Attached Storage CPU3.35 to 3.6 GHz Quad-Core Total Installed Memory16 GB DDR4 or Higher Maximum Memory Capacity32 GB Number of Bays8 x 2.5"/3.5" Capacity: 96TB 8x12TB NAS HDD or Higher Inputs/Outputs1 x RJ45 10GbE 3 x RJ45 Gigabit Ethernet 3 x USB-A 3.0 / 3.1/3.2 Gen 1 2 x eSATA Form FactorDesktop RAIDRAID 0, 1, 10, 5, 6, F1, JBOD Hot-Swap SupportYes PCI Expansion1 x PCIe 3.0 x8 (x4 Electrical) Supported File SystemsInternal: BTRFS, EXT4 External: BTRFS, EXT3, EXT4, FAT32, HFS+, NTFS, exFAT	1	P500,000.00	P500,000.00
		<b>GRAND TOTAL</b>			<b>P1,000,000.00</b>

10 MAY 2023

Purpose: Official use of CRPD staff

Requested by:  Approved by:   
 Signature: \_\_\_\_\_ Printed Name: RODOLFO P. DE GUZMAN \_\_\_\_\_ Printed Name: RICHARD P. BURGOS  
 Designation: OIC CRPD \_\_\_\_\_ Designation: DIRECTOR