



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**

**Philippine Atmospheric, Geophysical and Astronomical Services**

**Administration (PAGASA)**

**08 March 2019**

**SUPPLEMENTAL / BID BULLETIN**

**Addendum No. 2019-017-01**

**Subject: Supply and Delivery of One (1) Lot Printing and Communication Equipment"; (Reference: PR No. 2018-09-1908; ABC Php1,926,000.00)**

This Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Terms of Reference (TOR) and to answer the written clarificatory questions submitted by prospective bidders, to wit:

**A. Query from PLATFORM STUDIOS PH INC.**

QUESTION/s	PAGASA-BAC ANSWERS
1. Technical Specifications for the High Resolution Webcam. Subject item is included in the List of Deliverables under the Terms of Reference, but not included in the Technical Details. We are requesting the Technical Specifications for the subject item so that we may offer the most appropriate brand/model.	<b>Technical Specification</b> 4k Ultra HD video calling (up to 4096 x 2160 pixels @ fps) 1080p Full HD video calling (up to 1920 x 1080 pixels @ 30 or 60 fps) 720p HD video calling (up to 1280 x 720pixels @ 30, 60, or 90fps) Plug-and-play USB connectivity 90-degree field view (FOV) with two additional settings (65 and 78 degrees) 5x digital zoom in Full HD Autofocus Built-in dual Omni-directional mics with noise cancellation Infrared Sensor technology External Privacy Shutter Multiple Mounting options, including clip and tripod mount <b>System Requirements</b> Windows 7 or Higher, MAC OS 10.10 or higher 2GB Ram Hard Drive space for recorded videos <b>Dimensions</b> <b>Camera</b> H x W x D – 27mm x 102mm x 27mm Weight 63g <b>Clip</b>

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	<p>H x W x D – 63mm x 36mm x 19mm</p> <p><b>Cable Length</b> 2.2m</p> <p><b>Weight</b> – 63g</p>
<p><b>GPS Camera (Technical Specifications as per PAGASA)</b></p> <p>Body Type: Compact  Max. Resolution: 4000 x 3000  Effective Pixels: 12 megapixels  Processor: Digic 5  Sensor Size: 1/2 .3” (6.17 x 4.55mm)  Sensor Size: BSI-CMOS  ISO: Auto 100, 200, 400, 800, 1600, 3200  Focal Length: 25-500mm  Optical Zoom: 20x  Max Aperture: F3.5 – 6.8  Articulated LCD: Fixed  Screen Size: 3”  Screen Dots: 461,000  Max. Shutter Speed: 1/3200 sec  Format: H.624  Storage Types: SD/SDH/SDXC  USB: USB 2.0  Weight: 231g  Dimensions: 106 x 61 x 33mm  GPS: Built-in  Digital Zoom: Yes (4x)</p> <p>Metering Modes: Multi, Center-weighted, spot (Bundled with battery, case, manual)</p> <p><b>Request for Revision of Technical Specifications</b></p>	<p><b>GPS Camera (Technical Specifications as per PLATFORM)</b></p> <p>Body Type:  Max. Resolution:  Effective Pixels: 20 megapixels  Processor: Digic 4+  Sensor Size: 1/2 .3” (6.17 x 4.55mm)  Sensor Size: CCD  ISO: Auto 100, 200, 400, 800, 1600  Focal Length: 35mm equivalent: 24 - 1080mm  Optical Zoom: 45x  Max Aperture: F3.5 – 6.8  Articulated LCD: Fixed  Screen Size: 3”  Screen Dots: 230,000  Max. Shutter Speed: 1/4000 sec  Format: MPEG4-AVC / H.264  Storage Types: SD/SDH/SDXC  USB: Hi-Speed USB composite connector (Mini-B compatible)  Weight: 323g (including battery and memory card)  Dimensions: 104.4 x 69.1 x 85.1mm  GPS: GPS via mobile (via Canon Camera Connect app with compatible smart devices)  Digital Zoom: Yes (4x)  Metering Modes: Evaluative (linked to Face Detection AF frame), Center weighted, spot (Bundled with battery, case, manual)</p> <p><b>No. The TOR says, the GPS must be built in.</b></p>
<p><b>DSLR Camera (Technical Specifications as per PAGASA)</b></p> <p>Type  Digital Camera: DSLR  Image Sensor</p>	<p><b>DLSR Camera (Technical Specifications as per PLATFORM)</b></p> <p>Type  Digital Camera: DSLR  Image Sensor</p>

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<p>Valid Pixels: Approx. 20.2mp  Optical Sensor: CMOS Sensor  Basic Spec.  Shutter Speed: 1/8000 to 30 sec  Light sensitivity: ISO 100-12800  Supported Flash Memory: SD Memory card, SDHC memory card, SDXC memory Card  Image Record Format: Design rule for Camera File System (DCF) 2.0, JPEG, RAW  RAW+JPEG simultaneous recording possible  LCD Size: 3inch with approx. 1.04 million dots  Battery Type: Battery Pack, AC Adapter  Connections: Hi Speed USB, HDMI mini  Basic Spec-Compact  Digital Zoom: Approx: 3x-10x  Common Image Stabilizer: yes, Face Recognition: yes  Self-time: yes, Sequential Shooting Mode: High-speed continuous shooting: Max. approx. 7.0 shots/sec., Low-speed continuous shooting: Max. approx. 3.0 shots/sec., Silent continuous shooting: Max. approx. 3.0 shots/sec.  Vari-Angle LCD: yes,  Other Compacts GPS: yes  Other SLR  Sensor Dust Reduction: yes, Built-in Flash: yes  RAW+JPEG: yes  Dimensions 139 x 104.3 x 78.5mm  Weight 675g  (Bundled with Case, Battery, Cord, Manual)</p> <p><b>Request for Revision of Technical Specifications</b></p>	<p>Valid Pixels: Approx. 24.2mp  Optical Sensor: CMOS Sensor  Basic Spec.  Shutter Speed: 1/8000 to 30 sec  Light sensitivity: ISO 100-12800  Supported Flash Memory: SD Memory card, SDHC memory card, SDXC memory Card  Image Record Format: Design rule for Camera File System (DCF) 2.0 and EXIF 2.3, JPEG, RAW  RAW+JPEG simultaneous recording possible  LCD Size: 3inch with approx. 1.04 million dots  Battery Type: Battery Pack, AC Adapter  Connections: Hi Speed USB, HDMI Type C  Basic Spec-Compact  Digital Zoom: Approx: 3x-10x  Common Image Stabilizer: yes, Face Recognition: yes  Self-time: yes, Sequential Shooting Mode: High-speed continuous shooting: Max. approx. 7.0 shots/sec., Low-speed continuous shooting: Max. approx. 3.0 shots/sec., Silent continuous shooting: Max. approx. 3.0 shots/sec.  Vari-Angle LCD: yes  Other Compacts GPS: yes  Other SLR  Sensor Dust Reduction: yes, Built-in Flash: yes  RAW+JPEG: yes  Dimensions 139 x 105.2 x 78.5mm  Weight 650g  (Bundled with Case, Battery, Cord, Manual)</p> <p><b>No. The TOR says connections must be Hi-speed USB, HDMI mini.</b></p>
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This shall form an integral part of the Bid Documents.

For information and guidance of all participating bidders.

**SGD.**

**Engr. CATALINO L. DAVIS**  
Chairperson, PAGASA-BAC

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