

**TECHNICAL SPECIFICATIONS**  
**Purchase of DSLR Camera and Laptop**  
**RFQ NO. NP-SVP-2020-30**

Item	Purchaser's Specifications	Supplier's Specifications
1	<p><b>DSLR CAMERA</b></p> <p>Body type: Compact SLR</p> <p><b>Sensor</b></p> <p>Max resolution: at least 5184 x 3456</p> <p>Image ratio w:h: 1:1, 4:3, 3:2, 16:9</p> <p>Effective pixels: 18 megapixels</p> <p>Sensor photo detectors: 19 megapixels</p> <p>Sensor size: APS-C (22.3 x 14.9 mm)</p> <p>Sensor type: CMOS</p> <p>Processor: Digic 4+</p> <p><b>Image</b></p> <p>ISO: Auto, ISO 100-6400,</p> <p>Boosted ISO (maximum): 12800</p> <p>White balance presets: 6</p> <p>Custom white balance: Yes</p> <p>Uncompressed format: RAW</p> <p>JPEG quality levels: Fine, Normal</p> <p><b>Optics &amp; Focus</b></p> <p>Autofocus</p> <ul style="list-style-type: none"> <li>• Contrast Detect (sensor)</li> <li>• Phase Detect</li> <li>• Multi-area</li> <li>• Center</li> <li>• Selective single-point</li> <li>• Tracking</li> <li>• Single</li> <li>• Continuous</li> <li>• Face Detection</li> <li>• Live View</li> </ul> <p>Manual focus: Yes</p> <p>Number of focus points: 9</p> <p>Focal length multiplier: 1.6x</p> <p><b>Screen / viewfinder</b></p> <p>Articulated LCD: Fixed</p> <p>Screen size: not more than 2.7"</p> <p>Screen dots: at least 230000</p> <p>Screen type: TFT LCD</p> <p>Live view: Yes</p> <p>Viewfinder type: Optical (pentamirror)</p> <p>Viewfinder coverage: at least 95%</p> <p>Viewfinder magnification: 0.8x (0.5x 35mm equiv.)</p> <p><b>Photography features</b></p> <p>Minimum shutter speed: 30 sec</p> <p>Maximum shutter speed: 1/4000 sec</p> <p>Aperture priority: Yes</p> <p>Shutter priority: Yes</p> <p>Manual exposure mode: Yes</p> <p>Subject / scene modes: Yes</p> <p>Built-in flash: Yes (Pop-up)</p> <p>Flash range: 9.20 m (at ISO 100)</p> <p>External flash: Yes (via hot shoe)</p> <p>Flash modes: Auto, On, Off, Red-eye</p> <p>Continuous drive: 3.0 fps</p> <p>Self-timer: Yes (2 or 10 sec)</p>	

	<p>Metering modes</p> <ul style="list-style-type: none"> <li>• Multi</li> <li>• Center-weighted</li> <li>• Partial</li> </ul> <p>Exposure compensation: ±5 (at 1/3 EV, 1/2 EV steps)  AE Bracketing: ±2 (3 frames at 1/3 EV, 1/2)  WB Bracketing: Yes</p> <p><b>Videography features</b>  Format: MPEG-4, H.264</p> <p>Modes</p> <ul style="list-style-type: none"> <li>• 1920 x 1080 @ 30p / 46 Mbps, MOV, H.264, Linear PCM</li> <li>• 1920 x 1080 @ 24p / 46 Mbps, MOV, H.264, Linear PCM</li> <li>• 1280 x 720 @ 60p / 46 Mbps, MOV, H.264, Linear PCM</li> </ul> <p>Microphone: Mono  Speaker: Mono</p> <p><b>Storage</b>  Storage types: SD/SDHC/SDXC card</p> <p><b>Connectivity</b>  USB: USB 2.0 (480 Mbit/sec)  HDMI: Yes (mini-HDMI)  Wireless: Built-In  Wireless notes: 802.11b/g/n  Remote control: Yes (wired or wireless)</p> <p><b>Physical</b>  Battery: Battery Pack  Battery description: Lithium-Ion LP-E10 rechargeable battery &amp; charger  battery life (CIPA): 500</p> <p><b>Other features</b>  Orientation sensor: Yes</p>	
2	<p><b>LAPTOP</b></p> <p><b>PROCESSOR / CHIPSET</b>  Max Turbo Speed: at least 3.9 GHz  Number of Cores: Quad-Core  Cache: at least 8 MB  64-bit Computing: Yes</p> <p><b>CACHE MEMORY</b>  Installed Size: at least 8 MB</p> <p><b>STORAGE</b>  Interface: PCIe</p> <p><b>MEMORY</b>  RAM: at least 8 GB (1 x 8 GB)  Max Supported Size: at least 16 GB  Technology: DDR4 SDRAM  Speed: at least 2666 MHz  Form Factor: SO-DIMM 260-pin  Slots Qty: at least 2</p> <p><b>ENVIRONMENTAL PARAMETERS</b>  Humidity Range Operating: 10 - 90% (non-condensing)</p> <p><b>DISPLAY</b>  LCD Backlight Technology: LED backlight  Widescreen Display: Yes  Monitor Features: 35 ms response rate, 45% NTSC color gamut, 60 Hz refresh rate,  Type: LED  TFT Technology: IPS  Diagonal Size (metric): at least 39.6 cm (15.6in)</p>	

<p>Display Resolution Abbreviation: Full HD</p> <p><b>AUDIO &amp; VIDEO</b>  Memory Allocation Technology: shared video memory (UMA)  Sound: Stereo speakers, microphone</p> <p><b>HARD DRIVE</b>  Type: SSD  SSD Form Factor: M.2  Capacity: at least 512 GB  Hard Drive Features: NVM Express (NVMe)</p> <p><b>INPUT</b>  Type: keyboard, touchpad</p> <p><b>COMMUNICATIONS</b>  Wireless Protocol: 802.11a/b/g/n/ac, Bluetooth 4.1  Wired Protocol: 10/100 Ethernet</p> <p><b>CARD READER</b>  Type: card reader  Supported Flash Memory: SD Memory Card, SDHC Memory Card, SDXC Memory</p> <p><b>BATTERY</b>  Cells: 3-cell  Technology: lithium ion</p> <p><b>AC ADAPTER</b>  Input: AC 120/230 V (50/60 Hz)  Output: 45-Watt, 19.5 V, 2.31 A</p> <p><b>CONNECTIONS &amp; EXPANSION</b>  Interfaces</p> <ul style="list-style-type: none"> <li>• HDMI</li> <li>• Headphone/microphone combo jack</li> <li>• USB 2.0</li> <li>• at least 2 x USB 3.1 Gen 1</li> <li>• LAN</li> <li>• Memory Card Reader</li> <li>• Yes (SD Card, SDHC Card, SDXC Card)</li> </ul> <p><b>NETWORKING</b>  Data Link Protocol: Bluetooth 4.1, Ethernet, Fast Ethernet, IEEE 802.11a, IEEE</p> <p><b>SYSTEM</b>  Notebook Type: notebook  Platform: licensed Windows OS, latest, 64bit</p> <p><b>ENVIRONMENTAL STANDARDS</b>  ENERGY STAR Certified: Yes</p> <p><b>POWER</b>  Min Operating Temperature: not below 30 °F  Max Operating Temperature: not more than 105 °F</p>	
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Name of Company

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Address

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Signature Over Printed Name

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Telephone/Fax Number

**PRICE SCHEDULE**  
**Purchase of DSLR Camera and Laptop**  
**RFQ NO. NP-SVP-2020-30**

Item No	Item Description	Qty	Unit	ABC	Unit Price	Amount
1	<b>DSLR Camera</b>	1	Pc	50,000.00		
2	<b>Laptop</b>	1	Pc	60,000.00		
<b>Total Amount</b>						

- All prices offered (unit price and total bid price) must be typed or written in indelible ink

After having carefully read and accepted your conditions, I/We quote you on the item/s at prices noted above.

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature Over Printed Name

\_\_\_\_\_  
Telephone/Fax Number



Republic of the Philippines  
Department of Health  
**BUREAU OF QUARANTINE**  
Port Area, Manila



REQUEST FOR QUOTATION

**PURCHASE OF DSLR CAMERA AND LAPTOP**

**RFQ NO. NP-SVP-2020-30**

The Bureau of Quarantine (BOQ), hereinafter referred to as “the Purchaser”, requires the **Purchase of DSLR Camera and Laptop** The details of the project are as follows:

Name of Project:	<b>Purchase of DSLR Camera and Laptop</b>
Location:	<b><u>BOQ, Port Area, Manila</u></b>
Description:	<b><u>Please use the attached RFQ, Tech Specs. and Price Schedule</u></b>
ABC:	<b><u>One Hundred Ten Thousand Pesos Only (Php 110,000.00)</u></b>
Delivery period:	<b><u>Seven (7) Calendar Days upon issuance of NTP</u></b>

1. Bidding procedures will be conducted in accordance with the Revised Implementing Rules and Regulations of Republic Act 9184 (R.A. 9184).
2. Quotations must be delivered at the Procurement Section, 2<sup>nd</sup> Floor, Bureau of Quarantine, 25<sup>th</sup> St., Port Area, Manila on or before 10:00AM **December 1, 2020**
3. Opening of quotation shall be on 10:00AM **December 1, 2020** at PE Conference Room, 25<sup>th</sup> A.C Delgado St., Port Area Manila
4. All quotations must be typed or written in indelible ink and must be placed in sealed envelope using the attached Price Schedule and Technical Specifications. Please include the following eligibility documents in the envelope:  
**Mayor's/Business Permit**  
**PhilGEPS Registration Number**  
**Income/Business Tax Return**  
**Omnibus Sworn Statement**
5. Bids shall be valid for **ninety (90) calendar** days from the Opening of Bids.
6. DELIVERY SITE: **Bureau of Quarantine, 25<sup>th</sup> and A.C Delgado St., Port Area Manila**
7. The BOQ reserves the right to accept or reject any quotation, and to annul the bidding process and reject all quotations at any time prior to Contract award, without thereby incurring any liability to the affected bidder or bidders and to waive any minor defects or infirmities therein and to accept such quotation as may be considered advantageous to the government.
8. Bidders are entitled to one (1) bid only, otherwise, all bids made shall automatically be rejected.

**CARLOS DELA REYNA JR., MD, MDM**  
Chairperson, Bids and Awards Committee  
Bureau of Quarantine, 25<sup>th</sup> St., Port Area, Manila  
318-7500 loc 117

## SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Delivery Site</b>	<b>Delivered, Weeks/Months</b>
1	<b>DSLR Camera</b>	1	BOQ Manila, 25 <sup>th</sup> and A.C Delgado Sts., Port Area Manila	Delivery within 7 calendar days upon receipt of NTP
2	<b>Laptop</b>	1	BOQ Manila, 25 <sup>th</sup> and A.C Delgado Sts., Port Area Manila	Delivery within 7 calendar days upon receipt of NTP