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 Bureau of Fisheries and Aquatic Resources
BIDS AND AWARDS COMMITTEE OFFICE
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SUPPLEMENTAL BID BULLETIN 05

March 29, 2021

SUBJECT : Bid Reference 2021-04 entitled "SUPPLY AND DELIVERY OF ICT COMPUTER HARDWARE FOR BFAR OFFICE PRODUCTIVITY PROJECT"

This Supplemental Bid Bulletin no. 5 is issued to all participating bidders to clarify, amend and/or modify certain provisions and requirements set forth under the above-entitled procurement project based on the result of the Pre-Bidding Conference conducted on March 2, 2021, via videoconferencing, to wit:

Section VII – Technical Specifications

From	To
<p>Page No. 31 – Lot 1 (Item No. 1) Business Grade UNIX Based Close Source High Level Laptop Workstation</p> <p>Audio: Stereo speakers with high dynamic range Wide stereo sound Support for Dolby Atmos playback Three-mic array with directional beamforming 3.5mm headphone jack</p> <p>Battery and Power: Up to 10 hours wireless web Up to 10 hours Apple TV app movie playback Up to 30 days of standby time Built-in 58.0-watt-hour lithium-polymer battery 61W USB-C Power Adapter</p> <p>Page No. 31-32 – Lot 1 (Item No. 1)</p> <p>Energy efficient ENERGY STAR® Certified6 or Equivalent</p> <p>Size and Weight Height: 1.56cm Width: 30.41cm Depth: 21.24cm Weight: 1.4kg3 Body Type: Extruded Aluminum Body Waranty: 3/3/3Years Parts/Labor/OnSite</p>	<p>Page No. 31 – Lot 1 (Item No. 1) Business Grade UNIX Based Close Source High Level Laptop Workstation</p> <p>Audio: Stereo speakers with high dynamic range Wide stereo sound Support for Dolby Atmos playback Three-mic array with directional beamforming 3.5mm headphone jack</p> <p>Battery and Power: Up to 10 hours wireless web Up to 10 hours Apple TV app movie playback Up to 30 days of standby time Built-in 58.0-watt-hour lithium-polymer battery Minimum of 61W USB-C Power Adapter</p> <p>Page No. 31-32 – Lot 1 (Item No. 1)</p> <p>Energy efficient Minimum of ENERGY STAR® Certified6 or Equivalent</p> <p>Size and Weight Height: Maximum of 1.56cm Width: Maximum of 30.41cm Depth: Maximum of 21.24cm Weight: Maximum of 1.4kg3 Body Type: Extruded Aluminum Body Waranty: 1/1/1 Year Parts/Labor/OnSite</p>

**Page No. 32 – Lot 1 (Item No. 2)
Business Grade UNIX Based Close Mid
Level Source Laptop Workstation**

Chipset

M1 Chip
8-core CPU with 4 performance cores and 4
efficiency cores
7-Core GPU
16 core Neural Engine

Memory

8GB unified memory

Storage

256GB SSD Storage

Page No. 32-33 – Lot 1 (Item No. 2)

Keyboard and Trackpad

Backlit Magic Keyboard with:

- 78 (US) or 79 (ISO) keys including 12
functions keys and 4 arrow keys in an
inverted-T arrangement
- Ambient light Sensor
- Force Touch trackpad (enables Force clicks,
accelerators, pressure-sensitive drawing and
Multi-Touch gestures)

Audio

Stereo speakers
Wide stereo sound
Support for Dolby Atmos playback
Three-mic array with directional
beamforming
3.5mm headphone jack

Page No. 33-34 – Lot 1 (Item No. 2)

Size and Weight

Height: 0.41 - 1.61 cm

Width: 30.41 cm

Depth: 21.24 cm

Weight: 1.29kg

Body Type: Extruded Aluminum Body

Operating system: Unix Based

Warranty: 3/3/3 Years

Parts/Labor/OnSite

Page No. 34 – Lot 1 (Item No. 3)

**Business Grade UNIX Based Close
Source High Level Desktop
Workstation**

Video Support: One 5120-by-2880 (5K)

**Page No. 32 – Lot 1 (Item No. 2)
Business Grade UNIX Based Close Mid
Level Source Laptop Workstation**

Chipset Processor

~~M1 Chip~~
8-core CPU ~~with 4 performance cores and 4
efficiency cores~~
~~7-Core GPU~~
~~16 core Neural Engine~~

Memory

8GB **unified** memory

Storage

Minimum of 256GB SSD Storage

Page No. 32-33 – Lot 1 (Item No. 2)

Keyboard and Trackpad

**Backlit Keyboard with Ambient Light
Sensor and Trackpad**

- ~~-78 (US) or 79 (ISO) keys including 12
functions keys and 4 arrow keys in an
inverted-T arrangement~~
- ~~-Ambient light Sensor~~
- ~~-Force Touch trackpad (enables Force clicks,
accelerators, pressure-sensitive drawing and
Multi-Touch gestures)~~

Audio

Stereo speakers
Wide stereo sound
Support for Dolby Atmos playback
~~Three-mic array with directional
beamforming~~
3.5mm headphone jack

Page No. 33-34 – Lot 1 (Item No. 2)

Size and Weight

Height: Maximum of 0.41 - 1.61 cm

Width: Maximum of 30.41 cm

Depth: Maximum of 21.24 cm

Weight: Maximum of 1.29kg

Body Type: Extruded Aluminum Body

Operating system: Unix Based

Warranty: 1/1/1 Year Parts/Labor/OnSite

Page No. 34 – Lot 1 (Item No. 3)

**Business Grade UNIX Based Close Source
High Level Desktop Workstation**

Video Support: Minimum of One

external display at 60Hz with support for 1 billion colors, or Two 3840-by-2160 (4K UHD) external displays at 60Hz with support for 1 billion colors, or Two 4096-by-2304 (4K) external displays at 60Hz with support for millions of colors.

All purpose port v3 digital video output
Native DisplayPort output over USB-C

Keyboard and Mouse

Magic Keyboard with Numeric Keypad,
Magic Mouse 2

Page No. 35 – Lot 1 (Item No. 3)

Energy efficient

ENERGY STAR® Certified6 or Equivalent

Size and Weight

21.5-inch

Height: 45.0cm

Width: 52.8cm

Stand depth: 17.5cm

Weight: 5.44kg2

Body Type: Extruded Aluminum Body

Waranty: 3/3/3Years Parts/Labor/OnSite

Page No. 35 – Lot 1 (Item No. 4)

Business Grade UNIX Based Close Source Mid Level Desktop Workstation

Storage: 1TB Fusion Drive

Operating system: UNIX Based Operating System

Page No. 36 – Lot 1 (Item No. 4)

Video Support: Simultaneous support for full native resolution on the built-in display at millions of colors

- One 5120-by-2880 (5K) external display at 60Hz with support for 1 billion colors, or

- Two 3840-by-2160 (4K UHD) external displays at 60Hz with support for 1 billion colors, or

- Two 4096-by-2304 (4K) external displays at 60Hz with support for millions of colors

Thunderbolt 3 digital video output

Native DisplayPort outpur over USB-C

Thunderbolt 2, HDMI, DVI and VGA output supported using adapters

Page No. 36-37 – Lot 1 (Item No. 4)

SIZE AND WEIGHT

Height: 17.7 inches (45.0 cm)

5120-by-2880 (5K) external display at 60Hz with support for 1 billion colors, or Two 3840-by-2160 (4K UHD) external displays at 60Hz with support for 1 billion colors, or Two 4096-by-2304 (4K) external displays at 60Hz with support for millions of colors.

All purpose port v3 digital video output
Native DisplayPort output over USB-C

Keyboard and Mouse

Wireless Keyboard with Numeric Keypad,
Magic Mouse 2

Page No. 35 – Lot 1 (Item No. 3)

Energy efficient

Minimum of ENERGY STAR® Certified6 or Equivalent

Size and Weight

21.5-inch

Height: 45.0cm

Width: 52.8cm

Stand depth: **At least** 17.5cm

Weight: **Maximum of** 5.44kg2

Body Type: Extruded Aluminum Body

Waranty: 1/1/1Year Parts/Labor/OnSite

Page No. 35 – Lot 1 (Item No. 4)

Business Grade UNIX Based Close Source Mid Level Desktop Workstation

Storage: 1TB **Fusion Hybrid** Drive

Operating system: **Perpetual** UNIX Based Operating System

Page No. 36 – Lot 1 (Item No. 4)

Video Support: Simultaneous support for full native resolution on the built-in display at millions of colors

- One 5120-by-2880 (5K) external display at 60Hz with support for 1 billion colors, or

- Two 3840-by-2160 (4K UHD) external displays at 60Hz with support for 1 billion colors, or

- Two 4096-by-2304 (4K) external displays at 60Hz with support for millions of colors

Thunderbolt 3 All Purpose digital video output

Native DisplayPort outpur over USB-C

Thunderbolt 2, HDMI, DVI and VGA output supported using adapters

Page No. 36-37 – Lot 1 (Item No. 4)

SIZE AND WEIGHT

Height: 17.7 inches (45.0 cm)

Width: 20.8 inches (52.8 cm)
Stand depth: 6.9 inches (17.5 cm)
Weight: 12.0 pounds (5.44 kg)
Body Type: Extruded Aluminum Body
Waranty: 3/3/3 Years Parts/Labor/OnSite

TERMS OF REFERENCE

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OTHER REQUIREMENTS

3. Terms and Conditions of Warranty and After-Sales Support

3.1 The bidder must provide Certification that they will provide three (3) years warranty for the proposed hardware.

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I. DUTIES AND RESPONSIBILITIES OF WINNING BIDDER

3. For UNIX and WINDOWS Operating Systems, The bidder is required to conduct trainers training for BFAR technical personnel.

~~**Width:** 20.8 inches (52.8 cm)~~
Stand depth: **At least** 6.9 inches (17.5 cm)
Weight: **Maximum of** 12.0 pounds (5.44 kg)
Body Type: Extruded Aluminum Body
Waranty: **1/1/1 Year Parts/Labor/OnSite**

TERMS OF REFERENCE

Page No. 41

OTHER REQUIREMENTS

3. Terms and Conditions of Warranty and After-Sales Support

3.1 The bidder must provide Certification that they will provide **One (1) year for Lot 1 and Three (3) years for Lot 2**, warranty for the proposed hardware.

Page No. 42

I. DUTIES AND RESPONSIBILITIES OF WINNING BIDDER

3. **Bidder is required to provide free training of "Unix Deployment Essentials" for LOT 1, and "Supporting and Troubleshooting of Windows latest Operating System" for LOT 2, that would be conducted by Authorized Training Center for at least 10 IT Technical personnel of BFAR.**

*****nothing follows*****

All other portions of the Bidding Documents affected by these amendments shall be made to conform the same.

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

The changes made in the Philippine Bidding Documents (6th Edition, July 2020) are deemed integrated in terms and conditions for this project.

For further inquiries, please coordinate/call the Bids and Awards Committee Secretariat at Tel. No. 8332-4661.

Please be guided accordingly.

SGD. ATTY. DEMOSTHENES R. ESCOTO
Chairman, Bids and Awards Committee