



16 August 2021

**ASTI - BIDS AND AWARDS COMMITTEE**

**SUPPLEMENTAL BULLETIN NO. BAC-2021-08-014**

**SUPPLY AND DELIVERY OF FOUR (4) UNITS GRAPHIC AND MULTIMEDIA DESIGN LAPTOP AND OTHER ITEMS**

The ASTI Bids and Awards Committee (BAC) issues this Supplemental/Bid Bulletin to clarify, modify or amend items in the Bidding Documents and to reply to queries raised by the potential bidders through letters/emails for the information of all bidders for the procurement of:

Item: **Supply and Delivery of Four (4) Units Graphic and Multimedia Design Laptop and Other Items**  
 Approved Budget for the Contract: **Seven Hundred Twenty-Six Thousand Pesos Only (₱726,000.00)**  
 Invitation to Bid No.: **21-07-3498 dated 02 August 2021**  
 Purchase Request No.: **GAA-21-06-11616 dated 17 June 2021**  
 Published Date (PhilGEPS): **04 August 2021 | 7891396**

**A. AMENDMENT TO PROCUREMENT DETAILS AND FORMS**

REFERENCE	AMENDMENT/CHANGE/CLARIFICATION				
Section VI. Schedule of Requirements, Page 28	<b>FROM:</b>				
	<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered (Calendar Days/Months)</b>
	1	Graphic and Multimedia Design Laptop (Small Display)	Four (4) Units	₱554,600.00	Ninety (90) calendar days upon issuance of Notice to Proceed
	2	External Monitor for Graphic Workstation Laptop	Six (6) Units	₱84,000.00	Forty-Five (45) calendar days upon issuance of Notice to Proceed
	3	External Graphics Processing Unit (eGPU)	One (1) Unit	₱87,400.00	Forty-Five (45) calendar days upon issuance of Notice to Proceed
	<b>TO:</b>				
	<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered (Calendar Days/Months)</b>
	1	Graphic and Multimedia Design Laptop (Small Display)	Four (4) Units	₱554,600.00	<del>Ninety (90)</del> <b>One hundred twenty (120)</b> calendar days upon issuance of Notice to Proceed or <b>20 December 2021, whichever is earlier.</b>
	2	External Monitor for Graphic Workstation Laptop	Six (6) Units	₱84,000.00	<del>Forty-Five (45)</del> <b>Sixty (60)</b> calendar days upon issuance of Notice to Proceed
	3	External Graphics Processing Unit (eGPU)	One (1) Unit	₱87,400.00	Forty-Five (45) calendar days upon issuance of Notice to Proceed

**FROM:**

Item	Specification	Statement of Compliance
1	<b>Graphic and Multimedia Design Laptop (Small Display)</b>	
	1. Operating System: macOS (11.4 or latest version)	
	2. Processor (equivalent or better):	
	2.1. M1 ARM-based System-on-Chip (SoC) with 8 core CPU	
	2.2. 8 core GPU	
	2.3. 16 core Neural Engine	
	3. Memory: 16GB unified memory (equivalent or better)	
	4. Storage: 2TB SSD	
	5. Display (equivalent or better)	
	5.1. 13.3-inch (diagonal) LED-backlit display with IPS technology	
	5.2. Resolution: 2560 x 1600	
	5.3. Brightness: 500 nits	
	5.4. P3 Wide color	
	6. Camera: 720p HD	
	7. Audio (equivalent or better)	
	7.1. Stereo speakers with high dynamic range	
	7.2. Wide stereo sound	
	7.3. Support for Dolby Atmos playback	
	7.4. Three-mic array with directional beamforming	
	7.5. 3.5mm headphone jack	
	8. Ports	
	8.1. Two (2) Thunderbolt / USB 4 ports with support for:	
	8.1.1. Charging	
	8.1.2. External display up to 6K	
	8.1.3. Data transfer up to 40 Gbps	
	9. Connectivity	
	9.1. 802.11ax Wi-Fi 6	
	9.2. Bluetooth 5.0	
	10. Battery and Power	
	10.1. Built-in 58.2-watt-hour lithium-polymer battery	
	10.2. 61W USB-C Power Adapter	
	10.3. Charge cable	
	11. Others	
	11.1. Aluminum enclosure	
	11.2. Backlit keyboard	
	11.3. Touch Bar	
	11.4. Touch ID sensor	
	11.5. Ambient light sensor	
	11.6. Trackpad with support for pressure sensing and multi-touch gestures	
	11.7. Video and audio calling	
	11.8. Built-in applications	
	12. Warranty	
12.1. Standard: One (1) year Manufacturer's Warranty		
12.2. Extended: Additional Two (2) years Manufacturer's Warranty/Coverage		
13. Delivery: Within ninety (90) calendar days upon issuance of Notice to Proceed (NTP)		

**TO:**

Item	Specification	Statement of Compliance
1	<b>Graphic and Multimedia Design Laptop (Small Display)</b>	
	1. Operating System: macOS (11.4 or latest version)	
	2. Processor (equivalent or better):	
	2.1. M1 ARM-based System-on-Chip (SoC) with 8 core CPU	

	2.2. 8 core GPU	
	2.3. 16 core Neural Engine	
	3. Memory: 16GB unified memory (equivalent or better)	
	4. Storage: 2TB SSD	
	5. Display (equivalent or better)	
	5.1. 13.3-inch (diagonal) LED-backlit display with IPS technology	
	5.2. Resolution: 2560 x 1600	
	5.3. Brightness: 500 nits	
	5.4. P3 Wide color	
	6. Camera: 720p HD	
	7. Audio (equivalent or better)	
	7.1. Stereo speakers with high dynamic range	
	7.2. Wide stereo sound	
	7.3. Support for Dolby Atmos playback	
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	8. Ports	
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	9.1. 802.11ax Wi-Fi 6	
	9.2. Bluetooth 5.0	
	10. Battery and Power	
	10.1. Built-in 58.2-watt-hour lithium-polymer battery	
	10.2. 61W USB-C Power Adapter	
	10.3. Charge cable	
	11. Others	
	11.1. Aluminum enclosure	
	11.2. Backlit keyboard	
	11.3. Touch Bar	
	11.4. Touch ID sensor	
	11.5. Ambient light sensor	
	11.6. Trackpad with support for pressure sensing and multi-touch gestures	
	11.7. Video and audio calling	
	11.8. Built-in applications	
	12. Warranty	
	12.1. Standard: One (1) year Manufacturer's Warranty	
	12.2. Extended: Additional Two (2) years Manufacturer's Warranty/Coverage	
	13. Delivery: Within <del>ninety (90)</del> <b>one hundred twenty (120)</b> calendar days upon issuance of Notice to Proceed (NTP), or <b>20 December 2021, whichever is earlier.</b>	
	<b>14. All aforementioned requirements are understood to be minimum specifications. Higher or better specifications may be offered, and are acceptable, as long as they are within the ABC.</b>	

**FROM:**

Item	Specification	Statement of Compliance
<b>2</b>	<b>External Monitor for Graphic Workstation Laptop</b>	
	1. Screen Size: 27 inches diagonal	
	2. Panel Type: IPS	
	3. Color Gamut: sRGB 99%	
	4. Color Depth: 10 bit (8 bit + A-FRC)	
	5. Aspect Ratio: 16:9	
	6. Resolution: 3840 x 2160	
	7. Brightness: 350 nits	
	8. Contrast Ratio: 1000:1	

	9. Viewing Angle: 178 / 178	
	10. Connectivity	
	11. HDMI 2.0	
	11.1. USB 3.0	
	11.2. DisplayPort 1.2	
	11.3. USB C	
	11.3.1. 60W Power Delivery	
	11.3.2. DP Alt Mode, Data)	
	11.3.3. UHD @ 60Hz	
	12. Power: 100-240 VAC, 50/60Hz	
	13. Accessories	
	13.1. Power cable	
	13.2. HDMI 2.0 cable	
	14. Warranty: One (1) year	
	15. Delivery: Within forty-five (45) calendar days upon issuance of Notice to Proceed (NTP)	

**TO:**

Item	Specification	Statement of Compliance
<b>2</b>	<b>External Monitor for Graphic Workstation Laptop</b>	
	1. Screen Size: 27 inches diagonal	
	2. Panel Type: IPS	
	3. Color Gamut: sRGB 99%	
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	10. Connectivity	
	11. HDMI 2.0	
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	11.2. DisplayPort 1.2	
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	11.3.2. DP Alt Mode, Data)	
	11.3.3. UHD @ 60Hz	
	12. Power: 100-240 VAC, 50/60Hz	
	13. Accessories	
	13.1. Power cable	
	13.2. HDMI 2.0 cable	
	14. Warranty: One (1) year	
	15. Delivery: Within <del>forty-five (45)</del> <b>sixty (60)</b> calendar days upon issuance of Notice to Proceed (NTP)	
	<b>16. All aforementioned requirements are understood to be minimum specifications. Higher or better specifications may be offered, and are acceptable, as long as they are within the ABC.</b>	

**FROM:**

Item	Specification	Statement of Compliance
<b>3</b>	<b>External Graphics Processing Unit (eGPU)</b>	
	1. eGPU Chassis	
	1.1. Power Supply: Internal ATX 700 watts minimum	
	1.2. Laptop power delivery (USB-C): 100 watts	
	1.3. GPU card support	
	1.3.1. Up to 3-slot wide card, full length, PCI-Express x 16 graphics card	
	1.3.2. GPU power support: 500 Watts minimum	

1.3.3.	GPU support: AMD and NVIDIA chipsets	
1.4.	Connectivity	
1.4.1.	Thunderbolt 3	
1.4.2.	USB 3.1 Type-A: Four (4) ports minimum	
1.4.3.	Gigabit Ethernet	
1.5.	Accessories	
1.5.1.	Thunderbolt 3 cable	
2.	eGPU Graphics Card	
2.1.	Chipset support: Compatible with Mac OS	
2.2.	Chipset: AMD RX 5700 XT (equivalent or better)	
2.3.	GPU Memory	
2.3.1.	Memory size: 8 GB	
2.3.2.	Memory type: GDDR6	
2.3.3.	Memory speed: 14 Gbps	
2.3.4.	Memory interface: 256-bit	
2.3.5.	Memory bandwidth: Up to 448 GB/s	
2.4.	Card Bus: PCI-E 4.0 x 16	
2.5.	PCB form: ATX	
2.6.	Connectivity	
2.6.1.	DisplayPort 1.4	
2.6.2.	HDMI 2.0	
3.	eGPU Chassis must support and be compatible with eGPU Graphics Card	
4.	eGPU OS Support and compatibility	
4.1.	Windows	
4.2.	Mac OS	
5.	Warranty: One (1) year	
6.	Delivery: Within forty-five (45) calendar days upon issuance of Notice to Proceed (NTP)	

**TO:**

Item	Specification	Statement of Compliance
<b>3</b>	<b>External Graphics Processing Unit (eGPU)</b>	
	1. eGPU Chassis	
	1.1. Power Supply: Internal ATX 700 watts minimum	
	1.2. Laptop power delivery (USB-C): 100 watts	
	1.3. GPU card support	
	1.3.1. Up to 3-slot wide card, full length, PCI-Express x 16 graphics card	
	1.3.2. GPU power support: 500 Watts minimum	
	1.3.3. GPU support: AMD and NVIDIA chipsets	
	1.4. Connectivity	
	1.4.1. Thunderbolt 3	
	1.4.2. USB 3.1 Type-A: Four (4) ports minimum	
	1.4.3. Gigabit Ethernet	
	1.5. Accessories	
	1.5.1. Thunderbolt 3 cable	
	2. eGPU Graphics Card	
	2.1. Chipset support: Compatible with Mac OS	
	2.2. Chipset: AMD RX 5700 XT (equivalent or better)	
	2.3. GPU Memory	
	2.3.1. Memory size: 8 GB	
	2.3.2. Memory type: GDDR6	
	2.3.3. Memory speed: 14 Gbps	
	2.3.4. Memory interface: 256-bit	
	2.3.5. Memory bandwidth: Up to 448 GB/s	
	2.4. Card Bus: PCI-E 4.0 x 16	
	2.5. PCB form: ATX	
	2.6. Connectivity	
	2.6.1. DisplayPort 1.4	
	2.6.2. HDMI 2.0	
	3. eGPU Chassis must support and be compatible with eGPU Graphics Card	

	4. eGPU OS Support and compatibility	
	4.1. Windows	
	4.2. Mac OS	
	5. Warranty: One (1) year	
	6. Delivery: Within forty-five (45) calendar days upon issuance of Notice to Proceed (NTP)	
	7. <b>All aforementioned requirements are understood to be minimum specifications. Higher or better specifications may be offered, and are acceptable, as long as they are within the ABC.</b>	

## B. RESPONSE TO QUERIES

QUERY/ISSUE	BAC/END-USER RESPONSE/CLARIFICATION
Due to ECQ, do you allow an extension and online submission of the bidding documents? Since we are currently on a work from home set up, there is a possibility that we cannot complete and submit all the required documents on August 23. If possible, may we request for an extension until September 10 to submit the bidding documents.	ASTI currently is still working on its online submission platform. Extension of the submission is not allowed.
<p>Are we required to submit the following documents?</p> <ul style="list-style-type: none"> <li>Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid.</li> <li>Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents.</li> </ul> <p>For Government, we have no existing contract while for the Private Companies we are bound by Non-Disclosure Agreement (NDA) that's why we are not allowed to provide details of the Contracts/Projects.</p>	<p>Regarding the statement of all ongoing and private contracts / SLCC, this is a requirement under Republic Act (RA) No. 9184.</p> <p>Notwithstanding their client NDAs we are not asking for any confidential information or details relating to their private company transactions. The information, as well as the supporting documents being requested are for the purposes of competitive public bidding sanctioned by RA No. 9184.</p>
Is there a participation fee that we need to settle in the Bidding of Supply and Delivery of Four (4) Units Graphic and Multimedia Design Laptop and Other Items?	There is an applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the Government Procurement Policy Board, in the amount of One Thousand Pesos Only (₱1,000.00)
May we confirm the mode of payment and the payment terms for this project as well as the delivery address?	<p>Pursuant to Clause 2.2, Section V. Special Conditions of Contract of the DOST-ASTI Philippine Bidding Documents, "Partial payment is not allowed. Payments shall be made only upon a certification by the Head of the Procuring Entity or End-user Unit to the effect that the Goods have been rendered or delivered in accordance with the terms of this contract and have been duly inspected and accepted".</p> <p>The goods applicable to this Contract must be delivered at DOST-ASTI, CP Garcia Ave., UP Technopark, UP Campus, Diliman, Quezon City 1101.</p>
May we request for the formula used in the computation of the Bid Security?	<p>The Bid Security shall be in any of the following forms, with the corresponding required amount, per Section 27.2 of the 2016 Revised Implementing Rules and Regulations of RA No. 9184:</p> <ul style="list-style-type: none"> <li>Cash, cashier's check/manager's check issued by a Universal or Commercial Bank, two percent</li> </ul>

	<p>(2%) of Approved Budget for the Contract (ABC).</p> <ul style="list-style-type: none"> <li>• Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security, five percent (5%) of ABC.</li> </ul>
For the Price Schedule for Goods Offered from Within the Philippines, what is the Project ID number?	The Project ID number is the Invitation to Bid number.
Since we don't offer a GPU, do we need to provide a separate Price Schedule for the Graphic and Multimedia Design Laptop (Small Display) and External Monitor for Graphic Workstation Laptop?	The items are to be awarded separately; hence, separate price schedules for each item that the bidder will be offering should be provided. For items that the bidder has no offer they can just indicate "No Bid".
For the External Monitor for Graphic Workstation Laptop, here are the specs that we can offer: Display Type: IPS Laptop Size: 27" Display Area (Metric): 55.29 x 30.86 cm Resolution (Maximum): FHD (1920 x 1080 @ 75 Hz) Resolution (Native): FHD (1920 x 1080) Resolutions Supported: 640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1080 Pixel Pitch: 0.311 mm Brightness: 300 nits	<p>The required External Monitor resolution is 3840 x 2160, which is Ultra HD or UHD resolution.</p> <p>The offered external monitor has a resolution of 1920 x 1080, which is only HD resolution. This resolution is not acceptable.</p>
About the Graphic and Multimedia Design Laptop (Small Display), the specs of your order are customized specs while the External Monitor for Graphic Workstation Laptop is also for order, a fifty percent (50%) down payment shall be required before an order is processed.	<p>Down payment amounting to fifty percent (50%) of the contract price may <i>only</i> be released on the purchase of these three (3) enumerated services, namely:</p> <ol style="list-style-type: none"> <li>1) Hotel and restaurant services;</li> <li>2) Use of conference/seminar and exhibit areas; and</li> <li>3) Lease of office space.</li> </ol>

**ADDITIONAL INSTRUCTION/S:** Prospective bidder/s are required to amend the form to update existing information.

Please be guided accordingly.

Prepared by:

**KATHERINE B. RAMOS**  
Head, BAC Secretariat

Approved by:

**GERWIN P. GUBA**  
Chairperson, BAC

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