



ASTI-FM 03-11  
REV 1/13 January 2020

**DOST-ASTI Bids and Awards Committee  
Invitation to Bid (Public Bidding)**

<b>ITB No:</b>	21-07-3498	<b>Date:</b>	August-02-2021
<b>PR No:</b>	GAA-21-06-11616	<b>Date:</b>	June-17-2021
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 726,000.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	August 11, 2021, 9:00 AM at Via videoconferencing		
<b>Time and Date of Submission of Bids:</b>	August 23, 2021, 10:00 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	August 23, 2021, 10:30 AM at DOST-ASTI and Videoconferencing		
<b>Date of availability of Complete Set of Documents:</b>	August 03, 2021		
<b>Deadline of Potential Bidder's Clarifications:</b>	August 13, 2021		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	August 16, 2021		
<b>Delivery Schedule:</b>			

The Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested bidders to submit their bids for the item(s) listed below. Guidelines regarding the format, eligibility, technical and financial documents needed are described in the Instruction to Bidders of the Philippine Bidding Documents

Bidding will be conducted through open competitive bidding procedures using a non discretionary "pass/fail" criterion as specified in the 2016 R-IRR of RA 9184.

A complete set of Bidding Documents may be purchased by interested bidders upon payment of a fee for the Bidding Documents. It is also downloadable for free of charge at DOST-ASTI's website - [www.asti.dost.gov.ph](http://www.asti.dost.gov.ph)

For further inquiries, contact ASTI's BAC Secretariat via email at [bac-sec@asti.dost.gov.ph](mailto:bac-sec@asti.dost.gov.ph). Interested bidders may also call the number - (632)-426-7423 and look for ASTI's BAC Secretariat.

Respectfully,

**GERWIN P. GUBA**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
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.	4	unit	138650.00	554,600.00

	<p>5.3. Brightness: 500 nits. 5.4. P3 Wide color.</p> <p>6. Camera: 720p HD.</p> <p>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.</p> <p>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.</p> <p>9. Connectivity. 9.1. 802.11ax Wi-Fi 6. 9.2. Bluetooth 5.0.</p> <p>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.</p> <p>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.</p> <p>12. Warranty. 12.1. Standard: One (1) year Manufacturer's Warranty. 12.2. Extended: Additional Two (2) years Manufacturer's Warranty/Coverage.</p> <p>13. Delivery: Within 90 calendar days upon issuance of Notice to Proceed (NTP).</p>				
2	<p><b>External Monitor for Graphic Workstation Laptop</b></p> <p>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. 10.1. HDMI 2.0. 10.2. USB 3.0. 10.3. DisplayPort 1.2.</p>	6	unit	14000.00	84,000.00

	<p>10.4. USB C.</p> <p>10.4.1. 60W Power Delivery.</p> <p>10.4.2. DP Alt Mode, Data).</p> <p>10.4.3. UHD @ 60Hz.</p> <p>11. Power: 100-240 VAC, 50/60Hz.</p> <p>12. Accessories.</p> <p>12.1. Power cable.</p> <p>12.2. HDMI 2.0 cable.</p> <p>13. Warranty: One (1) year.</p> <p>14. Delivery: Within 45 calendar days upon issuance of Notice to Proceed (NTP).</p>				
--	---	--	--	--	--

3	<p><b>External Graphics Processing Unit (eGPU)</b></p> <p>1. eGPU Chassis.</p> <p>1.1. Power Supply: Internal ATX 700 watts minimum.</p> <p>1.2. Laptop power delivery (USB-C): 100 watts.</p> <p>1.3. GPU card support.</p> <p>1.3.1. Up to 3-slot wide card, full length, PCI-Express x 16 graphics card.</p> <p>1.3.2. GPU power support: 500 Watts minimum.</p> <p>1.3.3. GPU support: AMD and NVIDIA chipsets.</p> <p>1.4. Connectivity.</p> <p>1.4.1. Thunderbolt 3.</p> <p>1.4.2. USB 3.1 Type-A: Four (4) ports minimum.</p> <p>1.4.3. Gigabit Ethernet.</p> <p>1.5. Accessories.</p> <p>1.5.1. Thunderbolt 3 cable.</p> <p>2. eGPU Graphics Card.</p> <p>2.1. Chipset support: Compatible with Mac OS.</p> <p>2.2. Chipset: AMD RX 5700 XT (equivalent or better).</p> <p>2.3. GPU Memory.</p> <p>2.3.1. Memory size: 8 GB.</p> <p>2.3.2. Memory type: GDDR6.</p> <p>2.3.3. Memory speed: 14 Gbps.</p> <p>2.3.4. Memory interface: 256-bit.</p> <p>2.3.5. Memory bandwidth: Up to 448 GB/s.</p> <p>2.4. Card Bus: PCI-E 4.0 x 16.</p> <p>2.5. PCB form: ATX.</p> <p>2.6. Connectivity.</p> <p>2.6.1. DisplayPort 1.4.</p> <p>2.6.2. HDMI 2.0.</p> <p>3. eGPU Chassis must support and be compatible with eGPU Graphics Card.</p> <p>4. eGPU OS Support and compatibility.</p> <p>4.1. Windows.</p> <p>4.2. Mac OS.</p> <p>5. Warranty: One (1) year.</p> <p>6. Delivery: Within 45 calendar days upon issuance of Notice to Proceed (NTP).</p>	1	unit	87400.00	87,400.00
---	---	---	------	----------	-----------

<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>					<b>Php 726,000.00</b>
--	--	--	--	--	-----------------------

<b>RESERVATION CLAUSE</b>					
---------------------------	--	--	--	--	--

The Advanced Science and Technology Institute reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.

