



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

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

<b>ITB No:</b>	20-11-3311	<b>Date:</b>	December-03-2020
<b>PR No:</b>	GAA-20-09-10358	<b>Date:</b>	November-11-2020
<b>Source of Funds:</b>			
<b>Total ABC:</b>		Php 4,615,000.00	
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>		December 11, 2020, 11:00 AM at Via Videoconferencing ( <a href="https://bit.ly/3mNqS5L">https://bit.ly/3mNqS5L</a> )	
<b>Time and Date of Submission of Bids:</b>		December 23, 2020, 09:00 AM	
<b>Time, Date &amp; Venue of Opening Bids:</b>		December 23, 2020, 9:30 AM at DOST-ASTI and Videoconferencing ( <a href="https://bit.ly/2VIM">https://bit.ly/2VIM</a> )	
<b>Date of availability of Complete Set of Documents:</b>		December 03, 2020	
<b>Deadline of Potential Bidder's Clarifications:</b>		December 13, 2020	
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>		December 16, 2020	
<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,

**REYNALDO JOSEPH A. CALLAO JR.**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<b>Mobile Development Workstations</b> Specifications: 1. Processor: Intel Core i7-10510U processor (8 MB Smart Cache, 1.8 GHz with Turbo Boost up to 4.9 GHz, DDR4 or LPDDR3, 15 W), or better 2. Memory: at least 16GB on board DDR4 system memory, upgradeable up to 32GB of DDR4 system memory 3. Storage: at least 512GB NVMe SSD + 1TB 2.5-inch 5400 RPM 4. Size: 15.6" with IPS 5. Display Panel/Resolution: Full HD 1920 x 1080, high-brightness, LED-backlit TFT LCD 16:9 aspect ratio Ultra-slim design Mercury free 6. Graphics: NVIDIA GeForce MX230 with 2 GB dedicated GDDR5 VRAM, supporting NVIDIA CUDA	20	unit	65000.00	1,300,000.00

	<p>7. Network Connection: WLAN</p> <p>7.a. Intel Wireless-AC 9461/9462, 802.11a/b/g/n/ac wireless LAN</p> <p>7.b. Dual Band (2.4 GHz and 5 GHz)</p> <p>7.c. 1x1 MU-MIMO technology</p> <p>7.d. Supports Bluetooth 5.0</p> <p>7.e. Operates at 2.4 GHz and 5 GHz LAN</p> <p>7.g. Gigabit Ethernet, Wake-on-LAN ready WPAN</p> <p>8. Operating System: Windows 10 Pro</p> <p>9. Audio: Two built-in stereo speakers Built-in digital microphone</p> <p>10. Adapter: 3-pin 65 W AC adapter</p> <p>11. Battery: 36 Wh 3220 mAh 11.4 V 3-cell Li-ion battery pack; Up to 7.5 hours</p> <p>12. Camera: 720p HD audio/video recording; Super High Dynamic Range Imaging (SHDR)</p> <p>13. Input/Output parts:</p> <p>13.a. 2x USB 3.1 Gen1 ports</p> <p>13.b. 1x USB 2.0 port</p> <p>13.c. HDMI port with HDCP support</p> <p>13.d. 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone</p> <p>13.e. Ethernet (RJ-45) port</p> <p>13.f. DC-in jack for AC adapter</p> <p>14. Warranty: 2 years</p> <p>Note:</p> <p>1. Price inclusive of all government fees, taxes and duties</p> <p>2. Payment to be processed upon successful and complete delivery of items</p> <p>3. Delivery: 30 days upon issuance of NTP</p>				
2	<p><b>Mobile Design Workstations</b></p> <p>Specifications:</p> <p>1. Processor: at least i7-10750H (10th Generation) or equivalent</p> <p>2. Memory: At least 16GB DDR4 (2666MHz)</p> <p>3. Chipset: at least HM470 or equivalent</p> <p>4. Graphics: at least NVIDIA GeForce RTX2060, GDDR6 6GB or equivalent</p> <p>5. Display: 15.6" FHD (1920*1080), IPS-Level 144Hz</p> <p>6. Storage: At least 512GB NVMe PCIe SSD + 1TB (SATA) 7200rpm</p> <p>7. Keyboard: Per-Key Keyboard</p> <p>8. Operating System: At least Windows 10 64bit</p> <p>9. Communication: Wireless AC, Bluetooth 5.1</p> <p>10. Webcam: HD type (30fps@720p)</p> <p>11. Ports:</p> <p>11.a. 3x USB 3.2 Type-A (Gen 1)</p> <p>11.b. 1x USB 3.2 Type-C (Gen 2)</p> <p>11.c. 1x SD (XC/HC) Card Reader</p> <p>11.d. 1x HDMI 1.4 (supports 4K @ 30Hz)</p> <p>11.e. 1x Mini DisplayPort</p> <p>11.f. 1x RJ45</p> <p>11.g. 1x Mic-in</p> <p>11.h. 1x Headphone-out (SPDIF)</p> <p>12. Battery: at least 6-cell 51Whr Li-Ion</p> <p>13. Warranty: 2 Years</p> <p>14. With laptop bag/ manufacturer issued carrying case</p>	23	unit	120000.00	2,760,000.00

	<p>Note:</p> <ol style="list-style-type: none"> <li>Price inclusive of all government fees, taxes and duties</li> <li>Payment to be processed upon successful and complete delivery of items</li> <li>Delivery: 30 days upon issuance of NTP</li> </ol>				
3	<p><b>Design Workstation Monitors</b> - 27-in Curved Display Monitor</p> <p>Specifications:</p> <ol style="list-style-type: none"> <li>Panel Size: 27" (69cm)</li> <li>Panel Resolution: 2560 x 1440 (WQHD)</li> <li>Refresh Rate: 144Hz</li> <li>Response time: 1ms</li> <li>Panel Type: VA</li> <li>Brightness (nits) 400 nits</li> <li>Viewing Angle: 178° (H) / 178° (V)</li> <li>Aspect Ratio 16:9</li> <li>Curvature 1800R</li> <li>Contrast Ratio 3000:1</li> <li>DCR 100000000:1</li> <li>Active Display Area (mm) 596.736(H) x 335.664(V)</li> <li>Pixel Pitch (H x V) 0.2331(H) x 0.2331(V)</li> <li>Surface Treatment Anti-glare</li> <li>Display Colors 16.7M</li> <li>DCI-P3 / sRGB 90% / 115%</li> <li>Video ports : <ol style="list-style-type: none"> <li>1x DP (1.2)</li> <li>2x HDMI (2.0)</li> </ol> </li> <li>USB ports: <ol style="list-style-type: none"> <li>2x USB 3.1 Gen1 Type A</li> <li>1x USB 3.1 Gen1 Type B (PC to Monitor)</li> </ol> </li> <li>Audio ports <ol style="list-style-type: none"> <li>1x Earphone out</li> <li>1x Mic in</li> <li>1x Audio combo jack (PC to monitor)</li> </ol> </li> <li>With Security Lock</li> <li>VESA Mounting: 100 x 100 mm</li> <li>Control 5-way OSD navigation joystick</li> <li>Power Type External Adaptor 20V 4.5A</li> <li>Power Input 100~240V, 50~60Hz</li> <li>Power consumption 90W</li> <li>Signal Frequency 70.56 to 214.56KHz (H); 48 to 144Hz (V)</li> <li>Adjustment (Tilt) -5° ~ 20°</li> <li>Adjustment (Swivel) -40° ~ 40°</li> <li>Adjustment (Height) 0 ~ 120mm</li> <li>Dimension (W x H x D) 612 x 555.8 x 252.65 mm</li> <li>Weight (NW / GW) 7.6kg / 10.6kg</li> <li>With Frameless Design</li> </ol> <p>Note 1. Display Port: 2560 x 1440 (Up to 144Hz)  Note 2. HDMI: 2560 x 1440 (Up to 144Hz)  Note 3. The color gamut follows the CIE 1976 testing standard.</p> <p>Note 4:</p> <ol style="list-style-type: none"> <li>Price inclusive of all government fees, taxes and duties</li> <li>Payment to be processed upon successful and</li> </ol>	6	unit	30000.00	180,000.00

	complete delivery of items 4.c. Delivery: 30 days upon issuance of NTP				
4	<p><b>Laptop</b></p> <p>Specifications:</p> <ol style="list-style-type: none"> <li>1. Processor: Intel Core i7 10th generation processor (or equivalent or better)</li> <li>2. Memory: at least 16 GB DDR4, upgradeable up to 32GB</li> <li>3. Storage: at least 256GB NVMe + 1 TB 2.5-inch HDD</li> <li>4. Size: 13 inches - 15.6 inches</li> <li>5. Display Panel/Resolution: at least HD resolution (1366 x 768)</li> <li>6. Graphics: NVIDIA GeForce MX230 with 2 GB dedicated GDDR5 VRAM (equivalent or better)</li> <li>7. Network Connection: WLAN <ol style="list-style-type: none"> <li>7.a. 802.11a/b/g/n/ac wireless LAN</li> <li>7.b. Dual Band (2.4 GHz and 5 GHz)</li> <li>7.c. 1x1 MU-MIMO technology</li> <li>7.d. Supports Bluetooth 5.0</li> <li>7.e. Gigabit Ethernet, Wake-on-LAN ready WPAN</li> </ol> </li> <li>8. Operating System: Windows 10 Pro 64-bit</li> <li>9. Audio: Two built-in stereo speakers Built-in digital microphone</li> <li>10. Adapter: at least 65W AC adapter</li> <li>11. Battery: at least 36Wh capacity 3-cell Li-ion battery pack; Up to 7.5 hours</li> <li>12. Camera: at least 720p resolution</li> <li>13. Input/Output parts: <ol style="list-style-type: none"> <li>13.a. at least 2x USB 3.1 Gen1 ports</li> <li>13.b. at least 1x USB 2.0 port</li> <li>13.c. HDMI port with HDCP support</li> <li>13.d. 3.5 mm headphone/speaker jack</li> <li>13.e. Gigabit Ethernet (RJ-45) port</li> <li>13.f. DC-in jack for AC adapter</li> </ol> </li> <li>14. Warranty: at least 2 years for parts and labor</li> </ol> <p>Note:</p> <ol style="list-style-type: none"> <li>1. Price inclusive of all government fees, taxes and duties</li> <li>2. Payment to be processed upon successful and complete delivery of items</li> <li>3. Delivery: 30 days upon issuance of NTP</li> </ol>	6	unit	62500.00	375,000.00
<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>					<b>Php 4,615,000.00</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.					