



25 April 2022

**ASTI - BIDS AND AWARDS COMMITTEE**

**SUPPLEMENTAL BULLETIN NO. BAC-2022-04-012**

**SUPPLY AND DELIVERY OF TWENTY-FOUR (24) UNITS DEVELOPMENT WORKSTATIONS AND FIVE (5) UNITS MOBILE DEVELOPMENT WORKSTATIONS (SECOND BIDDING)**

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:	<b>Supply and Delivery of Twenty-Four (24) Units Development Workstations and Five (5) Units Mobile Development Workstations (Second Bidding)</b>
Approved Budget for the Contract:	<b>Two Million Six Hundred Fifteen Thousand Pesos Only (P2,615,000.00)</b>
Invitation to Bid No.:	<b>22-02-3758 dated 06 April 2022</b>
Purchase Request No.:	<b>ALAM-22-01-13116 dated 27 January 2022</b>
Published Date (PhilGEPS):	<b>12 April 2022   8598600</b>

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

REFERENCE	AMENDMENT/CHANGE/CLARIFICATION		
Page 31 Section VII. Technical Specifications	<b>FROM:</b>		
	<b>ITEM NO.</b>	<b>SPECIFICATIONS</b>	<b>STATEMENT OF COMPLIANCE</b>
	<b>1</b>	<b>Development Workstations</b>	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Operating System: 64-bit Professional Edition Operating System	
		2.2. Processor: at least 11th Generation Intel Core i5 (4C / 8T, 2.4 / 4.2GHz, 8MB) equivalent or better	
		2.3. Memory: 16GB SO-DIMM DDR4-3200 (minimum); DDR4 SO-DIMM socket; dual-channel capable, can be upgraded/configurable to 64GB	
		2.4. Disk space: 512GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal2, configurable up to 1TB (equivalent or better)	
		2.5. Graphics: Integrated Intel UHD Graphics or similar	
		2.6. Display: Non-touch: 14" FHD (1920x1080) IPS 250nits Anti-glare	
		2.7. Camera: 720p with Privacy Shutter	
		2.8. Audio: High Definition (HD) Audio, ALC3287 codec	
		2.9. Speakers: Stereo speakers, 2W x2, Audio Premium	
		2.10. Keyboard: Backlit, English	
		2.11. Touch interface: Touchpad with finger gesture support or similar	
		2.12. Ports:	
		2.12.1. at least 1 USB 3.2 Gen 1;	
		2.12.2. at least 1 USB 3.2 Gen 1 (Always On)	
		2.12.3. at least 1 USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort 1.4	
		2.12.4. at least 1 Thunderbolt 4/USB4 40Gbps (support data transfer, Power Delivery 3.0, and DisplayPort 1.4	
	2.12.5. at least 1 HDMI 2.0		
	2.12.6. at least 1 Headphone/microphone combo jack (3.5mm)		
	2.12.7. RJ45 port		
	2.13. WLAN + Bluetooth: RTL8852AE 11ax, 2x2 + BT5.2		
	2.14. Battery: Integrated 45Wh, supports fast charging		
	2.14.1. Max Battery Life: at least 9hr		
	2.15. Power Adapter: 45W USB-C (3-pin)		

<b>2</b>	<b>Mobile Development Workstation (Laptops)</b>	
	2. TECHNICAL SPECIFICATIONS	
	2.1. Operating System: 64-bit Professional Edition Operating System	
	2.2. Processor: at least 11th Generation Intel Core i5 (8M Cache, 2.4 GHz up to 4.2 GHz, 4 cores) equivalent or better	
	2.3. Memory: 16G LPDDR4X (minimum); dual-channel capable, can be upgraded/configurable to 64GB	

TO:

ITEM NO.	SPECIFICATIONS	STATEMENT OF COMPLIANCE
<b>1</b>	<b>Development Workstations</b>	
	2. TECHNICAL SPECIFICATIONS	
	2.1. Operating System: 64-bit Professional Edition Operating System	
	2.2. Processor: at least 11th Generation Intel Core i5 (4C / 8T, 2.4 / 4.2GHz, 8MB) equivalent or better	
	2.3. Memory: 16GB SO-DIMM DDR4-3200 (minimum); DDR4 SO-DIMM socket; dual-channel capable, can be upgraded/configurable to <del>64GB</del> <b>40GB</b>	
	2.4. Disk space: 512GB SSD M.2 2280 PCIe <del>3.0x4</del> <b>4.0X4</b> NVMe Opal2, configurable up to 1TB (equivalent or better)	
	2.5. Graphics: Integrated Intel UHD Graphics or similar	
	2.6. Display: Non-touch: 14" FHD (1920x1080) IPS 250nits Anti-glare	
	2.7. Camera: 720p with Privacy Shutter	
	2.8. Audio: High Definition (HD) Audio, ALC3287 codec	
	2.9. Speakers: Stereo speakers, 2W x2, Audio Premium	
	2.10. Keyboard: Backlit, English	
	2.11. Touch interface: Touchpad with finger gesture support or similar	
	2.12. Ports:	
	2.12.1. at least 1 USB 3.2 Gen 1;	
	2.12.2. at least 1 USB 3.2 Gen 1 (Always On)	
	2.12.3. at least 1 USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort 1.4	
	2.12.4. at least 1 Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 3.0, and DisplayPort 1.4	
	2.12.5. <del>at least 1 HDMI 2.0</del> <b>1xHDMI 1.4b</b>	
	2.12.6. at least 1 Headphone/microphone combo jack (3.5mm)	
	2.12.7. RJ45 port	
	2.13. WLAN + Bluetooth: RTL8852AE 11ax, 2x2 + <del>BT5.2</del> <b>BT5.1</b>	
	2.14. Battery: Integrated 45Wh, supports fast charging	
	2.14.1. Max Battery Life: at least <del>9hr</del> <b>6hr (45Wh)</b>	
	2.15. Power Adapter: <del>45W USB-C (3-pin)</del> <b>65W USB-C Slim (2-pin)</b>	
<b>2</b>	<b>Mobile Development Workstation (Laptops)</b>	
	2. TECHNICAL SPECIFICATIONS	
	2.1. Operating System: 64-bit Professional Edition Operating System	
	2.2. Processor: at least 11th Generation Intel Core i5 (8M Cache, 2.4 GHz up to 4.2 GHz, 4 cores) equivalent or better	
	2.3. Memory: 16G LPDDR4X (minimum); dual-channel capable, can be upgraded/configurable to <del>64GB</del> <b>32GB</b>	

**B. RESPONSE TO QUERIES**

<b>QUERY/ISSUE</b>	<b>BAC/END-USER RESPONSE/CLARIFICATION</b>
For the accessories, may we know the specifications for the extension cord and HDMI Cable?	The extension cord should have at least three (3) sockets and three (3) to five (5) meters long. Likewise, the HDMI cable should be at least in standard size and length.

**ADDITIONAL INSTRUCTION/S:** Prospective bidder/s are required to **amend** the form to update existing information. **Non-compliance with this requirement shall be ground for disqualification.**

Please be guided accordingly.

Prepared by:

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

Approved by:

**BAYANI BENJAMIN R. LARA**  
*Chairperson, BAC*