



24 APRIL 2020

ASTI - BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BULLETIN NO. BAC-2020-04-017

SUPPLY AND DELIVERY OF LAPTOPS 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 Laptops and Other Items**
 Approved Budget for the Contract: **Three Million Eight Thousand Pesos Only (₱3,008,000.00)**
 ITB / RFEI No.: **20-03-3096**
 Purchase Request No.: **GAA-20-02-9671**
 Published Date (PhilGEPS): **08 April 2020 / 6963379**

A. AMENDMENT TO PROCUREMENT DETAILS AND FORMS

REFERENCE	AMENDMENT/CHANGE/CLARIFICATION		
Section VII, Technical Specifications, Page 72	FROM:		
	LOT NO.	TECHNICAL DESCRIPTION	STATEMENT OF COMPLIANCE
	1	Laptop	
		1. Processor: Intel® Core™ i7-8565U Processor 1.8 GHz (8M Cache, up to 4.6 GHz) (equivalent or better)	
		2. Operating System: Windows 10 Pro (64-bit)	
		3. Display: 14 inches / FHD 1920x1080	
		4. Memory: 16gb DDR4 (minimum)	
		5. Storage: 512GB M.2 SSD (minimum)	
		6. IGPU: Intel UHD Graphics 620 (equivalent or better)	
		7. Video Graphics:	
		7.1. NVIDIA GeForce MX250 (equivalent or better)	
		7.2. GDDR5 2GB (minimum)	
		8. Network Connection	
	Wi-Fi 5(802.11ac) +Bluetooth 4.2 (Dual band) 2*2 (equivalent or better)		

	9. I/O Ports		
	9.1. USB3.1-Type C (1 port)		
	9.2. At least two (2) USB3.1 ports		
	9.3. HDMI port		
	9.4. 3.5 mm headphone/speaker jack		
	10. Bundled with laptop bag and mouse		
	11. Warranty: at least one (1) year		
	12. Price inclusive of VAT		
	13. to be used by CSD Staff		
	14. Delivery: 45 days upon issuance of Notice to Proceed		
2	Laptop		
	1. Processor: Intel® Core™ i7-10510U processor 1.8 GHz (8M Cache, up to 4.9 GhZ) (equivalent or better)		
	2. Operating System : Windows 10 Pro (64-bit)		
	3. Display		
	3.1. 13 inches - 15.6 inches		
	3.2. at least Full HD resolution (1920x1080)		
	4. Memory: 16GB DDR4 (minimum)		
	5. Storage		
	5.1. 256GB NVMe SSD (minimum)		
	5.2. 1TB HDD (minimum) , 2.5-inch 5400 RPM		
	6. Video Graphics		
	6.1. NVIDIA GeForce MX230 (equivalent or better)		
	6.2. 2 GB of dedicated GDDR5 VRAM		
	7. Network Connection		
	7.1. Intel® Wireless-AC 9461/9462, 802.11a/b/g/n/ac wireless LAN and Supports Bluetooth® 5.0 (equivalent or better)		

	7.2.	Gigabit Ethernet		
	8.	I/O Ports		
	8.1.	At least 2 USB ports		
	8.2.	HDMI port		
	8.3.	3.5 mm headphone/speaker jack		
	8.4.	Ethernet (RJ-45) port		
	9.	Bundled with laptop bag and mouse		
	10.	Warranty : at least two (2) years		
	11.	Price inclusive of VAT		
	12.	Delivery: 45 days upon issuance of Notice to Proceed		
3	Desktop			
	1.	Composed of:		
	1.1.	Processor: Intel Core i5-9400F (equivalent or better)		
	1.2.	RAM: at least 8GB DDR4 2666Mhz		
	1.3.	Disk:		
	1.3.1.	minimum 250GB SSD (preferably M.2 form factor)		
	1.3.2.	minimum 500GB HDD		
	1.4.	Casing: Small form factor (preferably micro-ATX)		
	1.5.	Power Supply		
	1.5.1.	at least 400 watts		
	1.5.2.	for micro-ATX casing		
	1.6.	Motherboard:		
	1.6.1.	dual memory channel and supports DDR4 2666MHz memory module		
	1.6.2.	LGA 1151 socket		
	1.6.3.	LAN: 10/100/1000Mbps		
	1.6.4.	HDMI and/or DVI ports		
	1.6.5.	at least two (2) USB ports		

	1.6.6. Audio ports		
	1.6.7. at least one (1) PCI-Ex16 slot		
	1.6.8. at least two (2) SATAIII ports		
	1.6.9. Form Factor: micro-ATX		
	1.6.10. Supports Windows 10 64-bit		
	1.7. CPU Cooler: for LGA 1151 socket		
	2. If custom unit, the components should be assembled and ensured that all components work together.		
	3. Warranty: at least one (1) year		
	4. Price inclusive of VAT		
	5. to be used by FAD staff		
	6. Delivery: 45 days upon issuance of Notice to Proceed		

TO:

LOT NO.	TECHNICAL DESCRIPTION	STATEMENT OF COMPLIANCE
1	Laptop	
	15. Intel Core i7 1.8GHz, 8th Generation (equivalent or better)	
	16. Operating System: Windows 10 Pro (64-bit)	
	17. Display: 14 inches / FHD 1920x1080	
	18. Memory: 16gb DDR4 (minimum)	
	19. Storage: 512GB M.2 SSD (minimum)	
	20. IGPU: Intel UHD Graphics 620 (equivalent or better)	
	21. Video Graphics:	
	21.1. NVIDIA GeForce MX 230 (equivalent or better)	
	21.2. GDDR5 2GB (minimum)	
	22. Network Connection	
	Wi-Fi 5(802.11ac) +Bluetooth 4.2 (Dual band) 2*2 (equivalent or better)	
	23. I/O Ports	

	23.1.	USB3.1-Type C (1 port)		
	23.2.	At least two (2) USB3.1 ports		
	23.3.	HDMI port		
	23.4.	3.5 mm headphone/speaker jack		
	24.	Bundled with laptop bag and mouse		
	25.	Warranty: at least one (1) year		
	26.	Price inclusive of VAT		
	27.	to be used by CSD Staff		
	28.	Delivery: 45 days upon issuance of Notice to Proceed		
2	Laptop			
	13.	Processor: Intel® Core™ i7-10510U processor 1.8 GHz (8M Cache, up to 4.9 GhZ) (equivalent or better)		
	14.	Operating System : Windows 10 Pro (64-bit)		
	15.	Display		
	15.1.	13 inches - 15.6 inches		
	15.2.	at least Full HD resolution (1920x1080)		
	16.	Memory: 16GB DDR4 (minimum)		
	17.	Storage		
	17.1.	256GB NVMe SSD (minimum)		
	17.2.	1TB HDD (minimum) , 2.5-inch 5400 RPM		
	18.	Video Graphics		
	18.1.	NVIDIA GeForce MX230 (equivalent or better)		
	18.2.	2 GB of dedicated GDDR5 VRAM		
	19.	Network Connection		
	19.1.	802.11a/b/g/n/ac wireless LAN and Supports Bluetooth® 5.0 (equivalent or better)		
	19.2.	Gigabit Ethernet		

	20. I/O Ports		
	20.1. At least 2 USB ports		
	20.2. HDMI port		
	20.3. 3.5 mm headphone/speaker jack		
	20.4. Ethernet (RJ-45) port		
	21. Bundled with laptop bag and mouse		
	22. Warranty : at least two (2) years		
	23. Price inclusive of VAT		
	24. Delivery: 45 days upon issuance of Notice to Proceed		
3	Desktop		
	7. Composed of:		
	7.1. Processor: Intel Core i5-9400F (equivalent or better)		
	7.2. RAM: at least 8GB DDR4 2666Mhz		
	7.3. Disk:		
	7.3.1. minimum 250GB SSD (preferably M.2 form factor)		
	7.3.2. minimum 500GB HDD		
	7.4. Casing: Micro-mid tower ATX		
	7.5. Power Supply		
	7.5.1. at least 400 watts		
	7.5.2. for micro-ATX casing		
	7.6. Motherboard:		
	7.6.1. dual memory channel and supports DDR4 2666MHz memory module		
	7.6.2. LGA 1151 socket		
	7.6.3. LAN: 10/100/1000Mbps		
	7.6.4. HDMI and/or DVI ports		
	7.6.5. at least two (2) USB ports		
	7.6.6. Audio ports		

	7.6.7. at least one (1) PCI-Ex16 slot		
	7.6.8. at least two (2) SATAIII ports		
	7.6.9. Form Factor: micro-ATX		
	7.6.10. Supports Windows 10 64-bit		
	7.7. CPU Cooler: for LGA 1151 socket		
	8. If custom unit, the components should be assembled and ensured that all components work together.		
	9. Warranty: at least one (1) year		
	10. Price inclusive of VAT		
	11. to be used by FAD staff		
	12. Delivery: 45 days upon issuance of Notice to Proceed		

B. RESPONSE TO QUERIES

QUERY/ISSUE	BAC/END-USER RESPONSE/CLARIFICATION
<p>May I humbly ask if we can change the description to:</p> <p>Item No. 1: Processor From: Intel® Core™ i7-8565U Processor 1.8 GHz (8M Cache, up to 4.6 GHz) (equivalent or better) To: Intel Core i7 8th Gen (equivalent or better) For a reason, we have a shortage on intel core processors and if we limit it to the previous requirement it will be difficult for us to comply. Offer: Intel™ Core® i7 8550U 1.80GHZ, 8MB Cache, 4Cores, 8th Generation</p>	Request granted.
<p>Item No. 3: Display From: Display: 14 inches / FHD 1920x1080 To: 14 inches HD Resolution (equivalent or better) Offer: HD resolution 1366 x 768 ComfyView LED-backlit TFT LCD 16:9 aspect ratio</p>	Request denied. Offered specs, i.e. HD resolution on a 15.6 display, is too low.
<p>Item No. 7: Video Graphics From: NVIDIA GeForce MX250 (equivalent or better) GDDR5 2GB (minimum) To: NVIDIA GeForce 2GB (minimum) GDDR5 (equivalent or better) Offer: 2GB NVIDIA® GeForce® MX230 GDDR5 Dedicated Graphics</p>	Request granted.
<p>Lot No. 2: May I humbly ask if we can change the description to: Item No. 3.2.: Display From: at least Full HD resolution (1920x1080) To: at least 14 inches HD Resolution (equiva-</p>	Request denied. Offered specs, i.e. HD resolution on a 15.6 display, is too low.

lent or better) Offer: 15.6" HD 1366 x 768 resolution ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio	
Item No. 7.1: Network Connection From: Intel® Wireless-AC 9461/9462, 802.11 a/b/g/n/ac wireless LAN and Supports Bluetooth® 5.0 (equivalent or better) To: 802.11 a/b/g/n/a wireless LAN and Supports Bluetooth® 5.0 (equivalent or better) Offer: 802.11a/b/g/n/acR2+ax (Pre-Standard) wireless LAN + Bluetooth® 5.0	Request granted. Specs have been updated but not in complete conformance with bidder's request.
Lot No. 3: May I humbly ask if we can change the description to: Item No. 1.4: Casing From: Small form factor (preferably microATX) To: Micro-Mid Tower ATX Offer: Trendsonic RAY FC-RYO5M w/ 700watts Power Supply B	Request granted.
Item No. 1.6.8.: Motherboard (Same concern with Lot 4- Item No. 1.6.8.) From: at least two (2) SATAIII ports To: at least two (2) SATA 6Gb/s ports Offer: 4 x SATA 6Gb/s port(s)	SATA III is otherwise known as SATA 6 Gb/s. If the concern is that the bidder's offer will be more than 2 SATA III ports (i.e. 4 x SATA 6Gb/s ports), then the wording in our specifications actually allows for it. Hence, there is no need to change the specs.
Lot No. 4: May I humbly ask if we can change the description to: Item No. 1.4: Casing From: Small form factor (preferably microATX) To: Micro-Mid Tower ATX Offer: Trendsonic TALOS TA02A Black/Green w/o Fan 700W Mid Tower ATX Casing	Request granted.

Attached to this Supplemental/Bid Bulletin are the amended forms for Section VII. Technical Specifications. Bidder/s may **(1)** indicate compliance in the original and amended forms or **(2)** revise the forms in the DOST-ASTI Bidding Documents to reflect changes in the Supplemental/Bid Bulletin and indicate compliance. These forms must be submitted as part of the Technical Component of the bid.

Please be guided accordingly.

Prepared by:

VLADIMIR R. SUAN
Member, BAC Secretariat

Approved by:

PEDRITO B. MANGAHAS
Chairperson, BAC-1

INSTRUCTION TO THE SUPPLIER: DO NOT LEAVE ANY BLANK. FAILURE TO CONFORM WILL RESULT IN A RATING OF “**FAILED**”. THE DULY ACCOMPLISHED AMENDED FORM MUST BE ATTACHED TO THE ORIGINAL DOCUMENTARY REQUIREMENT, AS PART OF TECHNICAL DOCUMENTS, TO BE SUBMITTED TO THE BIDS AND AWARDS COMMITTEE. BIDDERS ARE ALSO ALLOWED TO AMEND THE ORIGINAL FORMS TO REFLECT THE MODIFICATIONS IN THE SUPPLEMENTAL BULLETIN.

Technical Specifications (AMENDED)

*Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause **Error! Reference source not found.** and/or GCC Clause **Error! Reference source not found.***

LOT NO.	TECHNICAL DESCRIPTION	STATEMENT OF COMPLIANCE
1	Laptop	
	1. Intel Core i7 1.8GHz, 8th Generation (equivalent or better)	
	2. Operating System: Windows 10 Pro (64-bit)	
	3. Display: 14 inches / FHD 1920x1080	
	4. Memory: 16gb DDR4 (minimum)	
	5. Storage: 512GB M.2 SSD (minimum)	
	6. IGPU: Intel UHD Graphics 620 (equivalent or better)	
	7. Video Graphics:	
	7.1.NVIDIA GeForce MX 230 (equivalent or better)	
	7.2.GDDR5 2GB (minimum)	
	8. Network Connection	
	Wi-Fi 5(802.11ac) +Bluetooth 4.2 (Dual band) 2*2 (equivalent or better)	
	9. I/O Ports	

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	9.1.USB3.1-Type C (1 port)	
	9.2.At least two (2) USB3.1 ports	
	9.3.HDMI port	
	9.4.3.5 mm headphone/speaker jack	
	10. Bundled with laptop bag and mouse	
	11. Warranty: at least one (1) year	
	12. Price inclusive of VAT	
	13. to be used by CSD Staff	
	14. Delivery: 45 days upon issuance of Notice to Proceed	
2	Laptop	
	1. Processor: Intel® Core™ i7-10510U processor 1.8 GHz (8M Cache, up to 4.9 GhZ) (equivalent or better)	
	2. Operating System : Windows 10 Pro (64-bit)	
	3. Display	
	3.1.13 inches - 15.6 inches	
	3.2.at least Full HD resolution (1920x1080)	
	4. Memory: 16GB DDR4 (minimum)	
	5. Storage	
	5.1.256GB NVMe SSD (minimum)	
	5.2.1TB HDD (minimum) , 2.5-inch 5400 RPM	
	6. Video Graphics	
	6.1.NVIDIA GeForce MX230 (equivalent or better)	

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	6.2.2 GB of dedicated GDDR5 VRAM	
	7. Network Connection	
	7.1. 802.11a/b/g/n/ac wireless LAN and Supports Bluetooth® 5.0 (equivalent or better)	
	7.2. Gigabit Ethernet	
	8. I/O Ports	
	8.1. At least 2 USB ports	
	8.2. HDMI port	
	8.3. 3.5 mm headphone/speaker jack	
	8.4. Ethernet (RJ-45) port	
	9. Bundled with laptop bag and mouse	
	10. Warranty : at least two (2) years	
	11. Price inclusive of VAT	
	12. Delivery: 45 days upon issuance of Notice to Proceed	
3	Desktop	
	1. Composed of:	
	1.1. Processor: Intel Core i5-9400F (equivalent or better)	
	1.2. RAM: at least 8GB DDR4 2666Mhz	
	1.3. Disk:	
	1.3.1. minimum 250GB SSD (preferably M.2 form factor)	
	1.3.2. minimum 500GB HDD	
	1.4. Casing: Micro-mid tower ATX	

INSTRUCTION TO THE SUPPLIER: DO NOT LEAVE ANY BLANK. FAILURE TO CONFORM WILL RESULT IN A RATING OF “**FAILED**”. THE DULY ACCOMPLISHED AMENDED FORM MUST BE ATTACHED TO THE ORIGINAL DOCUMENTARY REQUIREMENT, AS PART OF TECHNICAL DOCUMENTS, TO BE SUBMITTED TO THE BIDS AND AWARDS COMMITTEE. BIDDERS ARE ALSO ALLOWED TO AMEND THE ORIGINAL FORMS TO REFLECT THE MODIFICATIONS IN THE SUPPLEMENTAL BULLETIN.

	1.5. Power Supply	
	1.5.1. at least 400 watts	
	1.5.2. for micro-ATX casing	
	1.6. Motherboard:	
	1.6.1. dual memory channel and supports DDR4 2666MHz memory module	
	1.6.2. LGA 1151 socket	
	1.6.3. LAN: 10/100/1000Mbps	
	1.6.4. HDMI and/or DVI ports	
	1.6.5. at least two (2) USB ports	
	1.6.6. Audio ports	
	1.6.7. at least one (1) PCI-Ex16 slot	
	1.6.8. at least two (2) SATAIII ports	
	1.6.9. Form Factor: micro-ATX	
	1.6.10. Supports Windows 10 64-bit	
	1.7. CPU Cooler: for LGA 1151 socket	
	2. If custom unit, the components should be assembled and ensured that all components work together.	
	3. Warranty: at least one (1) year	
	4. Price inclusive of VAT	
	5. to be used by FAD staff	
	6. Delivery: 45 days upon issuance of Notice to Proceed	

**NOTE: Should there be inconsistencies between the requirements/specifications contained in the original and latest amended document, the latter shall prevail.*