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BID BULLETIN NO. <u>01-2016</u>

Name of Contract: Modernization of IT Teaching, Research and Classroom **Equipment and Equipment to Furnish New Building**

This Addendum is issued to amend the technical specifications / quantity of the items included in the attached list.

For guidance and information of all concerned.

Prof. ANTONIO R. OBSIOMA, Ph.D. Chair, Bids and Awards Committee

Lot No.	Item No.	Description	Amendment/Clarification
Lot 1	12	Floor Mounted Aircon, 3.0 TR	Quantity is five (5), instead of three (3)
Lot 1		Aircon	Drawings /lay-out for the installation at the Administration Building and CHSS wing are attached.
Lot 3	3	Laptops, 3 units	Usage: Architectural and Engineering Designs
			Description: Can be switched between laptop, tablet, tent or stand modes
			Processor: 6th Gen. Intel i7-6500U @ 2.50GHz,
			at least 4M Cache, up to 3.10 GHz
			RAM: at least 8GB DDR3L 1600MHz
			Hard drive: 500GB HDD Hybrid with 8GB Cache or 256GB SSD
			Screen Size: at least 13.3"
			Display: Touchscreen IPS, 10-finger multi-touch support
			Resolution: FHD (1920 x 1080)
			Video: Intel HD Graphics 520
			Audio: High definition with Waves MaxxAudio
			Operating System: Windows 10 64bit
			Color: Silver, Red or Gold
			Bluetooth: Dual Band wireless-AC + Bluetooth 4.0
			Webcam: HD capable
			Microphone: dual array
			Ports: Full Size HDMITM 1.4a
			(2) USB 3.0 (One USB 3.0 w/ Power Share)
			(1) USB 2.0 Security slot Media Card (SD, MMC)
			(1) Passive Stylus (Standard)
			(1) combo headphone/microphone jack
			Battery: 3-cell 43 Whr
			Media Drive: SD card reader
			Accessories: Built-in stylus, headset with microphone
			Warranty: Standard product and store warranty



Lot No.	Item No.	Description	Amendment/Clarification
Lot 3	4	Laptop, 1 unit	Usage: Architectural and Engineering Designs
			Description: Gaming laptop
			Processor: Intel i7-6700HQ @ 2.60GHz,
			at least 6M Cache, up to 3.50GHz
			RAM: at least 16GB DDR4 2133 MHz
			Hard drive: 1 TB HDD + 128GB SSD
			Screen size: at least 15.6"
			Display: LED matte-black finish anti-glare, 178-degree viewing angles
			Resolution: FHD (1920 x 1080)
			Video: NVIDIA GeForce GTX 960M with 4GB GDDR5 VRAM
			Audio: High definition, Built-in speakers and microphone with ICESound support
			Operating System: Windows 10 64bit
			Networking: Integrated 802.11 ac or 802.11 b/g/n (WiDi)
			BT 4.0 support (on WLAN+ BT 4.0 combo card)
			Webcam: HD capable
			Microphone: dual array
			Keyboard: with LED red backlight and numeric
			keypad, highlighted WASD key group
			Ports: Full Size HDMITM 1.4a
-			(2) USB 3.0 (1) USB 2.0
			(1) combo headphone/microphone jack (1) VGA port/mini D-sub 15-pin
			Super multi-drive DVD, card reader
			Battery: 4cells 3200 mAh battery
			Accessories: Mouse, backpack, headset with
			microphone, and laptop cooler
			Warranty: Standard product and store warranty
Lot 3	5	Desktop Computers, 4 units	Assembled Desktop Computers with audio speakers and UPS composed of the following parts:
			Usage: Architectural and Engineering Designs
			PROCESSOR: 6th Gen Intel i7-6700 <u>LGA 1151</u> Core @ 3.4GHz
			at least 8M Cache, up to 4.00GHz
			MOTHERBOARD: H170M-PLUS Micro ATX (LGA 1151 Socket)
			RAM: F4-2400C14Q-16GRK, at least 16GB DDR4 2400 MHz
			VIDEO: NVIDIA GeForce GTX 970 with 4GB GDDR5 VRAM,
			7.0 Gbps memory clock, 256 bit, 224 GB/sec memory bandwidth



Lot No.	Item No.	Description	Amendment/Clarification
Lot 3	5	Desktop Computers, 4 units	Continuation
			1664 CUDA cores, <u>1050 MHz Base clock</u> , 1178 MHz Boost clock <u>OR BETTER</u>
			HARD DRIVE: WD1003FZEX 2x 1 TB HDD 7200rpm 3.5 inch form factor
			POWER SUPPLY: VS550 (CP-9020050-NA) 550watts +80 Bronze
			Certified with 1 ATX connector, 1 EPS connector, 4 Four Pin
			Peripheral connector, 2 PCI connector, 4 SATA connector
			CHASSIS: N200 (NSE-200-KKN1) MicroATX mini tower,
			No power supply, bottom-mounted power supply,
			3x 120mm fans, 1 x USB 3.0/ 2 x USB 2.0/ Audio
			14.90" H x 7.90" W x 17.50" D
			CPU FAN: Hyper 212X (RR-212X-20PM-A1), LGA1151 compatible
			2x 120mm fans, 600-2000rpm, 4 Pin Power connector
			MONITOR: VC239H LED monitor frameless design wide screen
			approx. 23inch (1920 x 1080) 16:9 IPS display,
			with max. 250 cd/sqm brightness
			KEYBOARD AND MOUSE: MK100 (PN 920-003650)
			OPERATING SYSTEM: Windows 10 64bit
			Bluetooth: Dual Band wireless-AC + Bluetooth 4.0
			Webcam: HD capable
			Integrated LAN
			Microphone: dual array
			Ports: Full Size HDMITM 1.4a
			(2) USB 3.0
			(1) USB 2.0
			(1) combo headphone/microphone jack
			(1) VGA port/mini D-sub 15-pin
			Super multi-drive DVD, card reader
			Accessories: 2.1 desktop stereo speaker system,
			Maximum wattage compatible UPS
			Warranty: Standard product and store warranty



Lot No.	Item No	Description	Amendment/Clarification
1301110.	110.		Branded Desktop Computer with audio speakers and
Lot 3	6	Computers, 2 units	UPS
			Usage: Architectural and Engineering Designs
			Processor: 4th Gen Intel Core i7 4790, 3.6Ghz OR BETTER
			Memory: at least 8GB DDR3
			Video: NVIDIA GeForce GTX 745 4GB
			Hard drive: 2x 1 TB HDD
			Screen Size: approx. 24"
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Display: LED
			Operating System: Windows 10 64bit
			Integrated LAN
			Bluetooth: Dual Band wireless-AC + Bluetooth 4.0
			Super multi-drive DVD, card reader
			Accessories: 2.1 desktop stereo speaker system, mouse, keyboard,
			Maximum wattage compatible UPS
Lot 4	7	Printer, 5 units	Inkjet A3+ Printer
			Type: Colored Multifunction Printer
			Functions: Print, copy, scan
			PAPER SIZES: A3+, A3, B4, A4, A5, A6, B5
			Letter (8.5x11"), Legal (8.5x14"), Half Letter (5.5x8.5"), 9x13cm (3.5x5"),
			13x20cm(5x8"), 20x25cm(8x10"), Envelopes: #10(4.125x9.5")
			Resolution: 5760 x 1440 dpi
			Print direction: bi-directional printing, uni-directional printing
			With ADF function
			With refillable ink tanks/continuous ink
	-		Heavy duty, high quality, cost efficient
			With extra set of consumables per printer
			Standard Warranty for 5 units: 1 year
			Extended Warranty service for 2 units: 3 years
		Conference Room	
Lot 8	1_	System	Include Power Outlets: Six (6) per side
		Conference Room	
Lot 8	2	System	Include Power Outlets: Three (3) per side
Lot 8	1-2	Conference Room System	Layout for the installation shall be submitted with the bid documents.
LULO	1-2	Wireless Microphone	The second secon
Lot 8	5	Set Wherephone	Dual
	bidders	shall be asked to make	a product and installation presentation which shall be

Eligible bidders shall be asked to make a product and installation presentation which shall be announced later.

Unit prices of some items which were inadvertently printed shall be disregarded; what will prevail is the approved budget for the contract (ABC) of each lot as presented in the Summary under Section VI. Schedule of Requirements.

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