Republic of the Philippines
TARLAC STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
GOODS AND SERVICES
Romulo Blvd., San Vicente, Tarlac City 2300

October 28, 2025

SUPPLEMENTAL BID BULLETIN No. 1

Project: Supply and Delivery of IT Equipment
(APP 2025)

This Supplemental Bid Bulletin No. 1 is issued to clarify items and shall form an integral part of Bidding Documents.

Please be informed of the modification in the bidding documents.

POSTED TO PHILGEPS				MODIFICATION			
Item No.	Item Description	Qty.	Unit	Item No.	Item Description	Qty.	Unit
1.	OFFICE DESKTOP COMPUTER Assembly: Pre-built by the manufacturerProcessor: At least 10 cores and 16 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz, at least 10 nm Process Size OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Integrated Graphics Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front), With Built-in speaker 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 24" Wide Screen Monitor with LED Back	47	set	1.	OFFICE DESKTOP COMPUTER Assembly: Pre-built by the manufacturer **Processor: At least 10 to 14 cores and 12 to 20 threads or equivalent to latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz or higher, at least 10 nm Process Size** OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Integrated Graphics Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front), With Built-in speaker 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 24" Wide Screen	47	set

Light with audio speaker (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwideUninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1				Monitor with LED Back Light with audio speaker (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwideUninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output		

	Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS				frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS		
2.	DESKTOP COMPUTER FOR CAD LABORATORY PC Assembly: Pre-built by the manufacturer Processor: At least 16 cores and 24 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 5.2 GHz, at least 10 nm Process Size OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Dedicated Graphics, Boost Clock: 1.73 Ghz, Base Clock : 1.50Ghz, Standard Memory Config: 8GB GDDR6, Memory Interface Width: 256-bit Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display:	50	set	2.	DESKTOP COMPUTER FOR CAD LABORATORY PC Assembly: Pre-built by the manufacturer **Processor: At least 16 to 20 cores and 24 to 28 threads or equivalent to latest generation processor available on the market or higher, Max Turbo Frequency At least 5.2 GHz or higher, at least 10 nm Process Size** OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD **Graphics: Dedicated Graphics, Boost Clock: 1.73 Ghz, Base Clock : 1.50Ghz, Standard Memory Config: 8GB GDDR6, Memory Interface Width: 256-bit or better/higher generation GPU** Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out	50	set

atleast 24" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60				multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 24" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery		

	Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS				type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS		
3.	DESKTOP FOR LABORATORY PC Assembly: Pre-built by the manufacturer Processor: At least 10 cores and 16 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz, at least 10 nm Process Size OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Dedicated Graphics, Boost Clock: 1.47 Ghz, Base Clock : 1.04Ghz, Standar Memory Config: 6GB GDDR6, Memory Interface Width: 96-bit Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at	30	set	3.	DESKTOP FOR LABORATORY PC Assembly: Pre-built by the manufacturer **Processor: At least 10 to 14 cores and 12 to 20 threads or equivalent to latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz or higher, at least 10 nm Process Size** OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Dedicated Graphics, Boost Clock: 1.47 Ghz, Base Clock : 1.04Ghz, Standar Memory Config: 6GB GDDR6, Memory Interface Width: 96-bit Ports: at least 1 RJ-45 port	30	set

least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 21" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set.Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W				10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 21" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set.Support Services: Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W		

	Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS				Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS		
4.	HIGH PERFORMANCE DESKTOP COMPUTER PC Assembly: Pre-built by the manufacturer Processor: At least 16 cores and 24 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 5.2 GHz, at least 10 nm Process Size OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD Graphics: Dedicated Graphics, Boost Clock: 1.78 Ghz, Base	4	set	4.	HIGH PERFORMANCE DESKTOP COMPUTER PC Assembly: Pre-built by the manufacturer **Processor: At least 16 to 20 cores and 24 to 28 threads or equivalent to latest generation processor available on the market or higher, Max Turbo Frequency At least 5.2 GHz or higher, at least 10 nm Process Size** OS: Preloaded Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) Memory: 2 x 8GB DDR4, Total of 16GB DDR4 Memory Storage: 512GB NVME SSD **Graphics: Dedicated Graphics, Boost**	4	set

Clock : 1.55Ghz, Standar Memory Config: 8GB GDDR6, Memory Interface Width: 128-bit Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 24" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency, Supplier/Manufacturer should have an Authorized				**Clock: 1.78 Ghz, Base Clock : 1.55Ghz, Standard Memory Config: 8GB GDDR6, Memory Interface Width: 128-bit or better/higher generation GPU** Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out multifunction Line-in audio port (rear) with Display Output ports (rear) Display: atleast 24" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Certifications: TCO Certified, EPEAT registered, Energy Star 8.0 Manufacturer ISO Certifications: ISO 9001, ISO 14001 Warranty: 5 years next business day on-site repair / warranty on all labor and parts by the manufacturer's authorized in-country / local technical support on desktop computer set. Supplier/Manufacturer shall respond within 24 hours for Technical Assistance/Support which can provide response to technical issues via Telephone Call, Email or Site Visit upon verbal/written notification by the end-user agency,		

	Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS				Supplier/Manufacturer should have an Authorized Service/Support Center nationwide Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS		
5.	HIGH PERFORMANCE LAPTOP Processor: At least 20 cores and 28 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 5.5 GHz, at least 10 nm Process Size Memory : 16GB RAM Graphics : Graphics : Dedicated Graphics, Boost Clock: 2.37 Ghz, Base Clock : 1.47Ghz, Standard Memory Config: 8GB GDDR6, Memory Interface Width: 128-bit Storage :	2	unit	5.	HIGH PERFORMANCE LAPTOP **Processor: At least 10 to 20 cores and 16 to 28 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 4.9 GHz or higher, at least 10 nm Process Size** Memory : 16GB RAM Graphics : Graphics : Dedicated Graphics, Boost Clock: 2.37 Ghz, Base Clock : 1.47Ghz, Standard Memory Config: 8GB GDDR6, Memory Interface	2	unit

	512GB M.2 NvME SSD Display : 16-inch (1920 x 1080) Resolution or higher, IPS Panel Operating System : Windows 11 Pro Genuine Camera : FHD 1080p Camera Accessories : Carrying Bag Warranty : Warranty: w/ 5 years next business day on-site repair / warranty on all labor and parts by an authorized in-country / local technical support on laptop.			Width: 128-bit Storage : 512GB M.2 NvME SSD Display : 16-inch (1920 x 1080) Resolution or higher, IPS Panel Operating System : Windows 11 Pro Genuine Camera : FHD 1080p Camera Accessories : Carrying Bag Warranty : Warranty: w/ 5 years next business day on-site repair / warranty on all labor and parts by an authorized in-country / local technical support on laptop.			
7.	OFFICE LAPTOP Processor: At least 10 cores and 12 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz, at least 10 nm Process Size Memory : 16GB RAM Graphics : Built-in graphics Storage : 512GB M.2 NvME SSD Display : 15.6-inch (1920 x 1080)Resolution Operating System : Windows 11 Pro Genuine Camera : FHD 1080p Camera Weight: <2kg, Lightweight Accessories : Carrying Bag Warranty : Warranty: w/ 5 years next business day on-site repair / warranty on all labor and parts by an authorized in-country / local technical support on laptop.	4	unit	7.	OFFICE LAPTOP **Processor: At least 8 to 10 cores and 12 to 16 threads or equivalent, Latest generation processor available on the market or higher, Max Turbo Frequency At least 4.6 GHz or higher, at least 10 nm Process Size** Memory : 16GB RAM Graphics : Built-in graphics Storage : 512GB M.2 NvME SSD Display : 15.6-inch (1920 x 1080)Resolution Operating System : Windows 11 Pro Genuine Camera : FHD 1080p Camera Weight: <2kg, Lightweight Accessories : Carrying Bag Warranty : Warranty: w/ 5 years next business day on-site repair / warranty on all labor and parts by an authorized in-country / local technical support on laptop.	4	unit

For the guidance and information of all concerned.

ATTY. WILMARK J. RAMOS, *DBA*
BAC Chairperson – Goods and Services