



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF NATIONAL DEFENSE
NATIONAL DEFENSE COLLEGE OF THE PHILIPPINES
Camp General Emilio Aguinaldo, Quezon City

OCT 18 2019

SUPPLEMENTAL BID BULLETIN NO. 005-19

**Procurement of IT Equipment and other IT Peripherals
National Defense College of the Philippines (NDCP)**

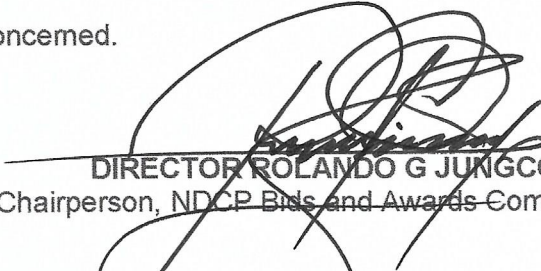
This Supplemental Bid Bulletin is issued to inform prospective bidders of the following changes, modifications, amendments, or additional requirements that form part of the Bidding Documents for the Procurement of IT Equipment and other IT Peripherals
National Defense College of the Philippines (NDCP)

REF	PARTICULAR	FROM	TO
▪ Page 72	Technical Specification for Laptops	15.6" diagonal HD SVA anti-glare LED-backlit, 220 cd/32 , 45% sRGB (1366 x 768)	15.6" diagonal HD SVA anti-glare LED-backlit, 220 cd/m² , 45% sRGB (1366 x 768)
	Graphics/Video Processor and Display Screen	NVIDIA® GeForce® 930MX (2GB) DDR3 dedicated, switchable)	(2GB) DDR3 dedicated, switchable)
▪ Page 74	Technical Specification for UPS Battery	Upon failure or degradation of the primary AC source, the load will be supplied through the inverter drawing power from the battery. Visible and audible signals will alert the user during this operating state. The remaining autonomy time will be calculated by a diagnostic algorithm. Once the end of discharge (EoD) voltage is reached , the UPS will automatically disconnect the battery (internal or external) without the need for external devices.	Upon failure or degradation of the primary AC source, the load will be supplied through the inverter drawing power from the battery. Visible and audible signals will alert the user during this operating state. The remaining autonomy time will be calculated by a diagnostic algorithm. Once the end of discharge (EoD) reaches between 1.65V to 2V , the UPS will automatically disconnect the battery (internal or external) without the need for external devices.
▪ Page 78	Technical Specification for UPS UPS Bypass Capability	In the event that UPS needs to be serviced or maintained, there should be a maintenance bypass module that is rack mountable to integrate to	In the event that UPS needs to be serviced or maintained, there should be a maintenance bypass module that is rack mountable to integrate to the UPS. The

		the UPS. The maintenance bypass module dimension should not exceed a height of 2U.	maintenance bypass module dimension at least a height of 2U.
▪ Page 79	Technical Specification for UPS Capabilities	The UPS shall have optional communication card that shall provide Web access, environmental sensor data, and third-party customer protocols for the UPS and manage a wide range of operating parameters, sending data over Ethernet networks via secure HTTPS protocol and alarms and notifications via SNMP traps. It also shall be capable to integrate with any existing building management system. And compatible with shutdown software (used for safe shutdown of servers in the event of battery drained).	The UPS shall have optional communication card that shall provide Web access, environmental sensor data, and third-party customer protocols for the UPS and manage a wide range of operating parameters, sending data over Ethernet networks via secure HTTPS protocol and alarms and notifications via SNMP traps. And compatible with shutdown software (used for safe shutdown of servers in the event of battery drained).
▪ Pages 79-80	Technical Specification for UPS UPS Batteries	Batteries shall be suitable for high efficient discharge applications. It supports at least for more than 260cycles at 100% discharge in cycle service up to 5years in standby service. Batteries & its internal material should also comply with the latest UL standards.	Batteries shall be suitable for high efficient discharge applications. It supports at least for more than 260cycles at 100% discharge in cycle service up to 5years in standby service. Batteries & its internal material should also comply with the latest international UPS battery standards.
		Battery cabinet of the UPS should be a rack-mountable type and should not exceed 2U rack height and depth that of 739mm.	Battery cabinet of the UPS should be a rack-mountable type and at least 2U rack height and depth that of 739mm.
▪ Pages 80-81	Technical Specification for UPS	UPS shall conform to the following standards:	UPS shall conform to the following standards:

	UPS International Standards	EN62040-1/IEC62040-1	EN62040-1/IEC62040-1
		EN62040-2/IEC62040-2 (Class C2)	EN62040-2/IEC62040-2 (Class C2)
		EN62040-3/IEC62040-3(VFI SS 111)	EN62040-3/IEC62040-3(VFI SS 111)
		EN60950	EN60950
		IEC 61000-3-4, IEC 61000-4-2,4,5,6,8,11	IEC 61000-3-4, IEC 61000-4-2,4,5,6,8,11
		Energy Star Certified	Energy Star Certified
		ABS Marine Certified	(Bidder/reseller must provide and comply to ALL the certifications or UPS International standards)
		GB/T21563-2008 or Vehicle- Carrying test certified	
		(Bidder/reseller must provide and comply to ALL the certifications or UPS International standards)	

For guidance and information of all concerned.


DIRECTOR ROLANDO G JUNGCO
 Chairperson, ND CP Bids and Awards Committee