

TERMS OF REFERENCE FOR ICT EQUIPMENT

ITEM	QTY	UNIT COST	TOTAL
LOT 1			
Solid State Hard Drive 256GB 2.5" SATA with USB 3.0 HDD Enclosure	240	3,500	840,000
LOT 2			
Solid State Hard Drive 500GB M.2 (For MacBook Air 2017 with Installation and transfer of data)	35	8,000	280,000
SUB TOTAL			₱ 1,120,000.00

Terms of Reference for all SSD	Statement of Compliance
1. The Bidder must be an authorized reseller/dealer of the brand being offered. A current valid authorization certificate/reseller certificate/ or manufacturer's certification is required as part of the technical component on bid proposal.	
2. The Bidder must not exceed the sixty (60) days delivery lead-time upon receipt of Notice to Proceed.	
3. Must attach brochure or datasheet of the product to be supplied.	
4. The winning Bidder should replace a defective unit with a new unit within 3 days upon report of defective item.	
5. The offered product must be Three years warranty on parts and labor including SLA of 8x5 next business day on site support	

TECHNICAL SPECIFICATIONS

LOT 1: Solid State Hard Drive 256GB 2.5" SATA with USB 3.0 HDD Enclosure	Statement of Compliance
Must be compatible for Notebooks and Desktops	
Must be SATA III 6 Gb/s Interface	
Must be SATA III protocol	
Must be 540 MB/s or better Sequential Read Speed	
Must be 520MB/s or better Sequential Write Speed	
Must have XTS-AES 256-bit encryption	
Must be shock resistant of 1,500G & 0.5ms	
Must be 1.5 Million Hours Reliability or more	
Must support S.M.A.R.T. and TRIM Command	
Must be 2.5-inch USB 3.0 HDD External Enclosure	
Must be easy to install	

Must have Three years warranty on parts with onsite support	
Must be compatible for Notebooks and Desktops	

Delivery Terms	Statement of Compliance
1. All items should be delivered within sixty (60) days upon receipt of Notice to Proceed.	
2. Full payment can only be processed upon completion of delivery and issuance of Certification from the Case Management Service.	

LOT 2: Solid State Hard Drive 500GB M.2 (For MacBook Air 2017 with Installation and transfer of data)	Statement of Compliance
Must be compatible with MacBook Air 13" 2017	
Must be PCIe Gen3x4 Interface and meets NVMe 1.3 standard	
Must be capable of supreme transfer speed of up to 3,500MB/s read and 3,200MB/s write.	
Must be 3D NAND Flash and supports 8-channel controller for ultra-high data throughput	
Must have dynamic thermal throttling mechanism for higher stability	
Must have RAID engine and LDPC (Low Density Parity Check) coding to ensure data integrity	
Must be 2,000,000-hour(s) MTBF	
Must have built-in functions to maintain your SSD in a healthy status and copy data from your original HDD to new SSD.	
Must have up to 4,400 Terabytes Written	
Must be shock resistant	
Must include installation and transfer of user's data with guarantee that all files and system apps is transferred.	
Must have Three years warranty on parts with onsite support	

Delivery Terms	Statement of Compliance
1. All items should be delivered within sixty (60) days upon receipt of Notice to Proceed.	
2. Full payment can only be processed upon completion of delivery, installation, and transfer of data for MacBook SSD upgrade and issuance of Certification from the Case Management Service.	

Noted by:



EDUARDO ALEJANDRO O. SANTOS
Director IV