



University of Southeastern Philippines
Bids and Awards Committee

**BAC Resolution Declaring Lowest Calculated & Responsive Bidder (LCRB) and
Recommending Award of Contract**

RESOLUTION NO. 2020-07

WHEREAS, the University of Southeastern Philippines advertised the Invitation to Bid for the **Procurement of the University’s Digital Data Storage Facility, USeP- Obrero, Mintal and Tagum Campuses**, with a budget allocation of **Eight Million Seven Hundred Eighty-Four Thousand Pesos (PhP 8,784,000.00)** and posted the same in the PhilGePS on October 26, 2020 to November 03, on the University website, and in conspicuous places like USeP Main Gate Bulletin Board on the same period;

WHEREAS, on 04 November 2020, the Bids and Awards Committee (BAC) held the prebid conference which were attended by three (3) bidders, namely: Columbia Computer Center, Davcore Technology & PLDT Communication;

WHEREAS, on 18 November 2020, the scheduled opening of bids, there were two (2) bidders submitted its bid proposal and passed the preliminary examination of bids namely: Columbia Computer Center and Unicenter Communications;

WHEREAS, the bid proposal of the two (2) eligible bidders were found to be substantially complying;

WHEREAS, the detailed bid evaluation and validation of the specifications was conducted by the TWG, while the bid evaluation was carried out by the BAC on 25 November 2020, that resulted in the following:

DESCRIP TION/SPE CIFICATIO NS	BUDGET COST	ITEM BRAND AND MODEL	COLUMBIA COMPUTER CENTER (DAVAO) INC.			UNICENTER COMMUNICATIONS		
			Findings	UNIT COST	TOTAL COST	ITEM BRAND AND MODEL	UNIT COST	TOTAL COST
1. Large Data Storage for Obrero, Mintal and Tagum Campuses (1 unit per campus) (3 units)	8,000,000.	DELL EMC UNITY XT STORAGE SERIES	Complying	6,980,000	6,980,000.		1 @ 4,212,258.25 2 @ 1,684,825.12	7,581,908.49

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2. LMS Server (1 unit)	470,000.	PowerEdge R640 Server[Dell(TM) PowerEdge(TM) R440 Rack Mount Server	Complying	424,790.	424,790.		465,000.00	465,000.00
3. Rack Mount UPS (2 units)	160,000.	OPTI-UPS DS-I-RM 1K-3K	Complying	71,315.	142,630.		72,000.00	144,000.00
4. AP Long Range Routers (10 units)	154,000.	JAP AC LR	Complying	8,945.	89,450.		12,000.00	120,000.00
TOTAL					7,636,870.		TOTAL	8,310,908.49

WHEREAS, upon post-qualification or careful examination, validation and verification of all Eligibility, Technical and Financial documents submitted to the BAC by the bidder with the Lowest Calculated Bid (LCB), as presented in the Post-Qualification Evaluation Report, the Bidder, **Columbia Computer Center** for item numbers **1 to 4** with the Lowest Calculated and Responsive Bid (LCRB) and thus post-qualified for the items listed in Annex A, as attached to this Resolution;

NOW THEREFORE, We the Members of the Bids and Awards Committee. Hereby **RESOLVE**, as it is hereby **RESOLVED**:

1. To declare Columbia Computer Center, as the Bidder with the Lowest Calculated and Responsive Bid for item numbers **1 to 4**; and
2. To recommend to the Head of Procuring Entity for approval of the foregoing findings.

RESOLVED, at the University of Southeastern Philippines, Obrero Campus, Davao City, Philippines, this ____ day of December 2020.

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BAC Member



RHINNA M. SAAN
BAC Alternate Member



NIMFA V. MANISCAN
BAC Alternate member

APPROVED:
(Per BOR Resolution No. **144** 20 **19**)



LOURDES C. GENERALAO
SUC President

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Technical Specification Evaluation:

Bidder's Name: Columbia Computer Center (Davao), Inc.

DESCRIPTION/SPECIFICATIONS	BIDDER'S BRAND AND MODEL	FINDINGS
1. Large Data Storage for Obrero, Mintal and Tagum Campuses	DELL EMC UNITY XT STORAGE SERIES	Complying
1 Unit for Obrero Campus 1. 12.75TB Usable Capacity, 2. 6x3.84TB FLASH 2.5", 3. 4 PORT 10Gb CNA iSCSI SFP+ Connectivity at RAID 5 (4+1) 2 Unit for External Campus (Tagum and Mabini) 4. 8.59TB Usable Capacity, 5. 6x 3.84TB FLASH 2.5", 6. 4x 1.2TB SAS 10K 2.5" - Vault Drives, 7. 10x 1.2TB SAS 10K 2.5", 8. 1x 1.2TB SAS 10K - Hotspare, 9. 4 PORT 10Gb CNA iSCSI SFP+ Connectivity at RAID 5 (4+1) Common Minimum Specifications 10. Fast Cache 11. Thin Provisioning 12. Unified Protocols (File,Block,VVols), 13. Quality of Service (for Block), 14. Storage Analytics Adapter for virtualization,	1. Complying 2. Complying 3. Complying 4. Complying 5. Complying 6. Complying 7. Complying 8. Complying 9. Complying 10. Complying 11. Complying 12. Complying 13. Complying 14. Complying	
15. Performance Optimization (FAST Cache/FAST VP), 16. Local Protection (Local Point-In-Time Copies/Anti-virus), 17. Optional controller Based Encryption with self-managed or external key management, 18. Local Point-In-Time Copies (Snapshots and Thin Clones), 19. AppSync Basic, 20. AntiVirus Agent, 21. Event Publishing Agent, 22. Native Remote Protection including Native Synchronous and Asynchronous Block & File Replication, 23. Snapshot Shipping, 24. Integrated Block migration from 3rd party arrays, 25. Native Block & File migration, 26. 2U Processor Enclosure (DPE) with twenty five 2.5" drives, 27. 2 Power Supplies (PS) per Disk Array – Enclosure that can provide power to the entire module if the peer PS has been removed or faulted, 28. Disk Processor Enclosure power during a power failure is provided by a Battery Back Up module, 29. Dual-active controller system designed to optimize the performance and availability of storage, 30. 2 x Intel CPUs 12 cores per Array 1.7 Ghz CPU per array, 31. 128GB System Memory, 32. 800 GBs FAST Cache per array, 33. 928 GBs total Cache, 34. 4 IO modules per array, 35. 4 x 4 lane 12Gb/s SAS ports for BE (back end) connection Embedded SAS IO Ports/Array, 36. 2 x 4 Lane Base 12 Gb/s SAS BE Buses/Array,	15. Complying 16. Complying 17. Complying 18. Complying 19. Complying 20. Complying 21. Complying 22. Complying 23. Complying 24. Complying 25. Complying 26. Complying 27. Complying 28. Complying 29. Complying 30. Complying 31. Complying 32. Complying 33. Complying 34. Complying 35. Complying 36. Complying	

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	<p>37. 24 Max FE (front end) Total Ports per Array, 38. 20 Max FC Ports per Array, 39. 4 Embedded 10GbBaseT Ports per Array, 40. 4 ports: 8/16 Gb FCD, 10Gb IP/iSCSI, 41. 1Gb RJ45 Embedded CNA ports per Array, 42. 24 – 10GbE / 16 – 25GbE 10/25 GbE/iSCSI Max Total Ports per Array, 43. 1,000 Max file systems per Array, 44. 256TB Max File System Size, 45. 1,000 Max attached snapshots per Array (Block), 46. up to 600K OPSF, 47. Four-Port 10 Gb/s Optical Module (File & Block) 4 port 10GbE IP/iSCSI module with choice of SFP+ optical connection or active/passive twinax copper connection to Ethernet switch, 48. Disk Array Enclosure supports FLASH & SAS Drive Types with 12 Gb SAS Controller Interface, 49. Supports AllFlash & Hybrid Media (All drives are 520 bytes/sector), 50. Supports Block Protocols: iSCSI, Fibre Channel (FCP SCSI-3), 51. Supports Fail-Safe Networking (FSN), 52. NAS Servers Multi-protocol for UNIX and SMB clients (Microsoft, Apple, Samba), 53. Network Status Monitor (NSM), NT LAN Manager (NTLM), 54. Restriction of Hazardous Substances (RoHS) compliance, 55. Simple Home Directory access for SMB Protocol, Virtual LAN (IEEE 1.802.1q), 56. Compliance with IPv6 and dual stack (IPv4) modes of operation, 57. Controller based Data at Rest Encryption with self-managed keys, 58. and IPv6 and dual stack (IPv4) modes of operation, 59. Software Service Manager with License</p>	<p>37. Complying 38. Complying 39. Complying 40. Complying 41. Complying 42. Complying 43. Complying 44. Complying 45. Complying 46. Complying 47. Complying 48. Complying 49. Complying 50. Complying 51. Complying 52. Complying 53. Complying 54. Complying 55. Complying 56. Complying 57. Complying 58. Complying 59. Complying</p>	
	<p>capable of the following: Consolidated dashboard and alerting, 60. Cloud-based storage analytics including Dynamic Pools for All-Flash Arrays (AFA) only, 61. Zero Detect/Deduplication/Compression (AFA and All-Flash Pools in Hybrid Arrays, Block & File) Data Reduction, 62. Storage Analytics Adapter for VMware® vRealize™, 63. File-Level Retention (FLR-E & FLR-C), 64. NFSv3, NFSv4, NFSv4.1; 65. CIFS (SMB 1), SMB 2, SMB 3.0, SMB 3.02, and SMB 3.1.1; 66. FTP and SFTP, FC, iSCSI and VMware Virtual Volumes (VVol) 2.0 interface Protocols, 67. Inline data reduction capabilities, 68. write-optimization and flash wear leveling capabilities, 69. File level retention software feature that protects files from modification or deletion until a specified retention date. 70. Scalable 256TB file system that supports compression for file, space shrink, pointer- based snaps, replication, quotas and a host of other features for your virtualized NAS environment, 71. Intelligent flash wear leveling, unified point-in- time snapshots, 72. unified remote synchronous and asynchronous replication, 73. built-in data-at-rest-encryption, 74. Proactive Assist: Configuring remote Support, Online Chat etc.... 75. 3 years Service Warranty with 24x7, 4HRS support response time, 76. With built-in manufacturer support software that predictively checks the health status of the system's hardware and software, 77. All SSDs are warrantied for full lifetime wear- out replacement within the service period,</p>	<p>60. Complying 61. Complying 62. Complying 63. Complying 64. Complying 65. Complying 66. Complying 67. Complying 68. Complying 69. Complying 70. Complying 71. Complying 72. Complying 73. Complying 74. Complying 75. Complying 76. Complying 77. Complying</p>	

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	78. Scope of work includes delivery including testing and commissioning, Deployment, Transfer of Knowledge and Training Module.		
2. LMS Server		PowerEdge R640 Server(Dell(TM) PowerEdge(TM) R440 Rack Mount Server	Complying
	1. Form Factor: 1U rack 2. Processor: Generation: Gen10; Frequency: 3.0 GHz; Cores: 12; Power: 150W; Speed: 2666MT/s; L3 Cache: 24.75MB 3. RAM: 128 GB (32 GB x 4) RDIMM DDR4 (Dual Rank) 2666MT/s 4. Storage: 1.2 TB (4 x 300 GB) SAS 12G Enterprise 15K SFF Hard Disk Drive; Form Factor: 2.5 inch 5. Power Supply: 2 x 500W Flex Slot Platinum Hot Plug Low Halogen 6. Optical Drive: 9.5mm SATA DVD-RW G9 Optical Drive 7. Others: Display Port/USB/Optical Drive Blank Kit, Sliding Rails With Cable Management Arm	1. Complying 2. Complying 3. Complying 4. Complying 5. Complying 6. Complying 7. Complying	
3. Rack Mount UPS		OPTI-UPS DS-I-RM 1K-3K	Complying
	1. Server UPS, 2. SMART UPS at least 3000VA power capacity, 3. 230V Input and Output Voltage, 4. Rack Mountable	1. Complying 2. Complying 3. Complying 4. Complying	
4. AP Long Range Routers		UAP AC LR	Complying
	1. AP, 2. AC Long Range Wireless Access Point; 3. Preferably: , Unifi for system compatibility	1. Complying 2. Complying 3. Complying	

Columbia Computer Center (Davao), Inc has complied specifications of all items specified in this project. The list of items with their brand, model and unit price is specified in the table below:

Item Name	Brand and Model	Qty	Unit Cost	Total Item Cost
Large Data Storage for Obrero, Mintal and Tagum Campuses	DELL EMC UNITY XT STORAGE SERIES 380/380F Model	1 lot (1 unit per campus)	6, 980, 000.00	6, 980, 000.00
LMS Server	PowerEdge R640 Server(Dell(TM) PowerEdge(TM) R440 Rack Mount Server	1 unit	424, 790.00	424, 790.00
Rack Mount UPS	OPTI-UPS DS-I-RM 1K-3K	2 units	71, 315.00	142, 630.00
Access Point Router	UNIFI AC Model : UAP AC LR	10 units	8, 945.00	89, 450.00
TOTAL				7, 636, 870.00

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