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4 **University of Southeastern Philippines**
5 *Bids and Awards Committee*
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7 **Minutes Pre-Procurement Conference**
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9 **Project: Establishment of the University's Digital Data Storage Facility**
10 **Obrero Campus, Davao City**
11 Contract No. 2020-07/Goods
12 October 07, 2020 at 2:00 p.m
13 Venue: Via Goggle meet (crk-kfzv-akw)
14 ABC: PhP. 8,784,000.00
15

16 **Present were:**

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18 **Bids and Award Committee:**

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20 Dr. Reynilo D. Garcia - Chairperson
21 Dr. Reynaldo M. Nogodula - Vice Chairperson
22 Dr. Jose Alther M. Rivera - Member
23 Ms. Rhinna M. Saan - Alternate Member
24 Ms. Nimfa V. Maniscan - Alternate Member
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26 **BAC Secretariat/BAC Staff:**

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28 Ms. Olivia D. Estremos - BAC Secretariat Head
29 Ms. Melanie C. Pagkaliwagan- BAC Secretariat
30 Ms. April Cimafranca - BAC Secretariat
31 Mr. Alfred Torre - BAC Staff
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33 **TWG:**

34 Engr. Ariel Pabilona - TWG ICT/IT Equipment
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36 **End User:**

37 Dr. Ariel Reyes - SDMD Director
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50 **A. Proceedings:**

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52 Upon declaration of a quorum, the BAC Chair Dr. Garcia called the meeting to
53 order at 2:00 in the afternoon. He also acknowledged the presence of the BAC
54 members, BAC Secretariat, TWG and End-User.

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56 The BAC Chair declared quorum with four (4) BAC Members. BAC Chairman,
57 Dr. Garcia informed the body that the purpose of the pre procurement is to discuss all
58 aspects of a specific procurement activity of the project which includes the technical
59 specifications, the Approved Budget for the Contract (ABC), the applicability and
60 appropriateness of the recommended method of procurement and the related
61 milestones, the bidding documents, and availability of the pertinent budget release for
62 the project.

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64 *He emphasized that for those projects involving an ABC amounting to more than Two*
65 *Million Pesos (P2 Million), a pre procurement conference is conducted to determine*
66 *the readiness of the Procuring Entity to procure goods and services in terms of the*
67 *legal, technical and financial requirements of the project. More specifically, it ensures*
68 *that the procurement will proceed in accordance with the PPMP and APP, confirms*
69 *the availability of appropriations and programmed budget for the contract, and reviews*
70 *all relevant documents in relation to their adherence to the law. (IRR-A Section 20).*

- 71
72 *1. Ensure that the procurement is in accordance with the PPMP and APP.*
73
74 *2. Determine the availability of the appropriations and programmed budget for the*
75 *contract;*
76
77 *3. Determine the state of readiness of the pertinent budget release (e.g., ABM or*
78 *SARO);*
79
80 *4. Review, modify and agree on the criteria for eligibility screening, and ensure that*
81 *the said criteria are fair, reasonable, and that they are of the “pass/fail” type and are*
82 *written in such manner; (IRR-A Section 20.1.3)*
83
84 *5. Review, modify and agree on the criteria for the evaluation of bids/proposals, and*
85 *ensure that the said criteria are fair, reasonable and applicable to the procurement at*
86 *hand;*
87
88 *6. Review, modify and agree on the acceptable minimum specifications and other terms*
89 *in the bidding documents;*
90
91 *7. Review the PPMP, including the milestones and the method of procurement for the*
92 *procurement at hand;*
93
94 *8. Reiterate and emphasize the “no contact rule” during the bid evaluation process,*
95 *and the applicable sanctions and penalties, as well as agree on measures to ensure*
96 *compliance with the foregoing. (Please refer Step 5, Evaluate Bids for a discussion on*
97 *the “no contact rule”.); and ensure that the requirements of the goods and services to*
98 *be procured are in accordance with an Approved Budget Contract (ABC)*

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B. Presentation of Technical Specifications

Dr. Reyes (SDMD Director/End-user) presented the detailed technical specifications of the **Establishment of the University's Digital Data Storage Facility Obrero Campus, Davao City**. He presented the following technical specifications:

Appendix 60

UNIVERSITY OF SOUTHEASTERN PHILIPPINES		PURCHASE REQUEST		Fund Cluster:	
Office/Section : PR No. 2020-09-2124		Responsibility Center Code :		Date: 09-18-2020	
Stock/Proper ty No.	Unit	Item Description	Quantit y	Approved Budget Cost (ABC)	
				Unit Cost	Total
ESTABLISHMENT OF THE UNIVERSITY'S DIGITAL DATA STORAGE FACILITY					
1	1 LOT	Large Data Storage for Obrero, Mintal and Tagum Campuses (1 unit per campus)	3		8,000,000.00
		Large Data Storage with general minimum specifications for all campuses (1 unit) as the following: 1 UNIT (MAIN CAMPUS-OBRO) w/ minimum specifications as stated: 5.9TB Usable Capacity @ RAID 5 (4+1), 6x10TB SAS 12G, 1 x 4 PORT 10GbE SFP+ ONA CONNECTIVITY, Fast Cache, 1x Rack Rails, Software Licenses, Thin Provisioning, Quality of Service (for Block), Storage Analytics Adapter, Unified Protocols (File,Block,VoL), Performance Optimization (FAST Cache/FAST VP), Local Protection (Local Point-in-Time Copies/Replicas), Native Remote Protection, support for native NAS, BCSL, and Fibre Channel protocols, 3U Disk Processor Enclosure (DPE) with at least twenty five 2.5" drives, 3 Power Supplies (PS) per Disk Array-Enclosure where each power supply can provide power to the entire module if the power PS has been removed or faulted, Disk Processor Enclosure power during a power failure is provided by a battery back up module, 2 x Intel CPUs, 12 cores per Array, 12GB per array, 12GB system memory, 40, 5, 6 RAID options, 16Gbps total cache, 4 x 4 Lane 10Gb SAS ports for BE (back end) Connection, 2 x 4 Lane Base 10 Gbps SAS BE Backends/Arrays, maximum of 24 FT (front end) Total Ports per Array, maximum of 20 FC Ports per Array, 4 Embedded iSCSI Ports per Array, 4 ports: 8Gb FC2, 10Gb iFC2, 10Gb iFC3, 10Gb iFC4, 4 Embedded iFC ports per Array, 14 - 10GbE / 40 - 25GbE 10GbE/25GbE Max Total Ports per Array, 1000 Max I/O systems per Array, 250TB Max File System Size, 1000 Max attached snapshots per array (Block), up to 100K IOPS, Four-Port 10 Gbps Optical Module (File & Block)/Four port 10GbE iFC/iFC3 module with choice of SFP+ optical connection or active/passive twinax copper connection to Ethernet switch, supports iFC/iFC3 & SAS, 10 Gb SAS Controller interface, All-flash & Hybrid (All drives are 5.25 inch form factor) SUPPORTED MEDIA, supports Block Protocols: BCSL, Fibre Channel (FC/FC3/FC4), File-Safe Networking (FSN), NAS Services Multi-protocol for UNIX and SMB clients (Microsoft, Apple, Samba), Network Status Monitor (NSM), HT LAN Manager (MLM), Restriction of Hazardous Substances (RoHS) compliance, Simple Home Directory access for SMB Protocol, Virtual LAN (VLAN 802.1Q), IPv6 and dual stack (IPv4) modes of operation, Controller based Data at Rest Encryption with self-managed keys, Controller Based Encryption (optional), with self-managed or external key management, Local Point-in-Time Copies (Snapshots and Thin Clones), AppSync Basic, AntiVirus Agent, Event Publishing Agent, Native Asynchronous Block & File Replication, Native Synchronous Block & File Replication, MetroStor Manager (optional software to automate asynchronous file replication sessions), Snapshot Mapping, Native Block & File migration, SAN Copy File, Integrated Block migration from 3rd party arrays, NFSv3, NFSv4, NFSv4.0 CFS (SMB 1), SMB 1, SMB 2, SMB 3.0, and SMB 3.1.1 FTP and SFTP, FC, BCSL and VMware Virtual Volumes (VVol) 2.0 interface Protocols, 100 to 200 IOPS, 10K, single phase, 40 to 60 Hz, Management Software such as Element Manager, Central Consolidated dashboard and alerting, Cloud-based storage analytics, Thin Provisioning, Dynamic Pools for All-Flash Arrays (AFA), Zero Defect/Zero data loss/Compression (AFA and All-Flash Pools in Hybrid Arrays, Block & File), Quality of Service (Block and VoL), Storage Analytics Adapter, and File & Block Tiering/ Archiving to Public/Private Cloud, File-Level Network (File & File-C), 2 UNITS (MINTAL & TAGUM CAMPUSES) w/ minimum specifications per campus as stated: 1 x 8x Transceiver, 10Gb SFP+, Short Range, 1 x 10GbE SFP+ 8 Port Dual Controller, 1 x 8 Hard Drive Bay, Single Bay, 2 x 1.5T HDD 10K SAS 2.5, 6 x 40GB SSD SAS Mixed use 10Kbps 5.25 Hot-Plug, 3 DWPD, 360TBW, 1 x Rack Rails 2U, 1 x Power Supply, 500W, Redundant, Flex, 2 x Jumper Card - C13/C14, 6W, 200K, 10A (US, EU, TW, APCC), 1 hot-swappable per chassis (Dual active) Single/ dual controller support for all Controllers, Intel® Processor 2 cores 2.2GHz, 24 x 2.5" drive bays Internal storage, 8GB per controller system memory, 24 x 2.5" drive bays (10Gb SAS) Expansion enclosures, 2276 Min/Max drive count, NAS Support, FC, BCSL SAS (supports simultaneous multi-protocol FC/BCL), 8 10Gb SAS Host Interface, 8 per array (support auto-vegetate to 8GB) Max 16GB FC ports, At least 8 SFP+ or BaseT ports per array (BaseT only support auto vegetate to 10G), 8 10Gb SAS ports, 4 ports 10Gb FC SFP+ 4 ports 10GbE SFP+, 2 per array (10Gb BASE-T) management ports, 10Gb SAS Disk expansion protocol, 10Gb SAS (write-Port) per array (1 port per controller), 4 10 expansion enclosures per 2U base array, and 354 expansion enclosures per 2U base array. Disk interface expansion ports, All-flash, hybrid or all HDD arrays. Array configurations, Native SAN or DAS Storage format. At least 3 primary (media-based) data, RAID 0, 1, 5, 6, 10, SP or Adaptive any combination of RAID levels can utilize 3+ single array, Active by default on all volumes, operates at full performance across all features Thin provisioning, 1024 snapshots per array, Replication with other ME 4 Series Arrays. Asynchronous block file or BCSL target/source relationships may be one-to-many or many-to-one, Copy complete standalone volumes, Self-encrypting drives (SEDs) in SAS or HDD formats Full Disk Encryption (FDE) based on AES-256 Drives certified to FIPS 140-2 Level 3, Site Recovery Manager, Internal controller key management, supports Windows 2008, 2008 R2, RHEL 6.0, 7.4 and SUSE 11.3, VMware 6.7, Vx, 6.5, and 6.0, Virtualization integration, General Specifications for All Campuses as stated: (2x24) 4-hour On-site Service-Emerging DBS, With Built-in Manufacturer Support Software that proactively checks the health status of the system's hardware and software, All SSDs are warranted for full lifetime wear-out replacement with valid service agreement, Scope of Work includes supply, delivery including testing and commissioning, Deployment, Transfer of knowledge and Training Module.			
IMPROVEMENT AND BRANDING OF THE UNIVERSITY'S LMS					
2		LMS Server	1	470,000.00	470,000.00
		Form Factor: 1U rack Processor: Generation: Gemo; Frequency: 3.0 GHz; Cores: 12; Power: 150W; Speed: 2666MT/s; L3 Cache: 24.75MB RAM: 128 GB (32 GB x 4) RDIMM DDR4 (Dual Rank) 2666MT/s Storage: 1.2 TB (4 x 300 GB) SAS 12G Enterprise 15K SFF Hard Disk Drive; Form Factor: 2.5 inch Power Supply: 2 x 500W Flex Slot Platinum Hot Plug Low Halogen Optical Drive: 9.5mm SATA DVD-RW G9 Optical Drive Others: Display Port/USB/Optical Drive Blank Kit, Sliding Rails With Cable Management Arm			
3		Rack Mount UPS	2	80,000.00	160,000.00
		Server UPS, SMART UPS at least 3000VA power capacity, 230V input and Output Voltage, Rack Mountable			
4		AP Long Range Routers	10	15,400.00	154,000.00
		AP, AC Long Range Wireless Access Point; Preferably: , Unifi for system compatibility <i>xxx nothing follow xxx</i>			
				TOTAL:	8,784,000.00

148 **C. Comments and Suggestions:**

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150 The BAC Chair asked the body for clarifications and queries based on the
151 presentation given by the end-user. Engr. Pabilona recommended to the end-user that
152 budget should specify for each data storage per campus because data storage for the
153 main campus must have higher specs of data storage than the two other campuses.
154 Dr. Reyes replied that it really have difference in prices per campus and he suggested
155 that it's better to specify it as lot so that it would have the same brand and supplier for
156 the sake of configuration purposes. Dr. Garcia informed the BAC that this project
157 should be by lot because it could be provided by a lone supplier.

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159 Dr. Garcia asked the end-user of what is their preferred number of delivery days
160 for this project. Dr. Reyes recommended that it would be a minimum of sixty days.
161 Dr. Garcia added that the BAC would find out the final number of delivery days during
162 the pre-bid conference with from the suggestions of the interested suppliers for this
163 project. Dr. Garcia asked the end-user if they have some pre requisite before the
164 installation of data storage. Dr. Reyes replied that none so far because this is just like a
165 server and it has one time license. Ms. Estremos informed the body that the tentative
166 date of pre-bid conference is between third and fourth week of October of 2020.

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168 **D. Adjournment:**

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170 With no further instructions from the BAC and clarifications from the body, the
171 Pre-procurement Conference was adjourned at 3:00 pm.

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174 Prepared by:

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178 **OLIVIA D. ESTREMOS**
179 BAC Secretariat Head

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182 Approved by:

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186 **REYNILO D. GARCIA**
187 BAC Chairman/Goods