



Republic of the Philippines
UNIVERSITY OF SOUTHEASTERN PHILIPPINES
Bids and Awards Committee

Obrero Campus, Davao City
 Telephone No. (+63) (82) 227-8192 local 309
 Website: <http://www.usp.edu.ph>, email add: uspbcswoods@gmail.com

INVITATION TO BID

1. The University of Southeastern Philippines (USEP), Obrero Campus, Davao City through Fund 101 intends to apply the sum indicated below being the Approved Budget for the Contract (ABC) to payments under the contract as shown below. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The University of Southeastern Philippines (USEP) now invites bids for the Goods described in the table below. Delivery of the Goods is required within the specified duration below. Bidders should have completed, within five (5) years from the date of submission and receipt of bids, a contract similar to the Project with a value of at least fifty percent (50%) of the ABC. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

Item	Description	Delivery Period	Total Approved Budget for the Contract (ABC)	Cost of Bid Documents
1	Procurement of the University's Digital Data Storage Facility, USEP- Obrero, Mintal and Tagum Campuses	60 CD	PhP 8,784,000.00	PhP 10,000.00

Technical Specifications:

Item Nos	Unit	Item Description	Qty.	ABC per item
1	lot	<p><i>Large Data Storage for Obrero, Mintal and Tagum Campuses (1 unit per campus)</i></p> <p><i>3 Units Large Data Storage with minimum specifications for 3 campuses as the following:</i></p> <ul style="list-style-type: none"> • 1 UNIT with 12.75TB Usable Capacity, 6x3.84TB FLASH 2.5", 4 PORT 10Gb CNA iSCSI SFP+ Connectivity at RAID 5 (4+1) for Obrero Campus and • 2 UNITS with 8.59TB Usable Capacity, 6x 3.84TB FLASH 2.5", 4x 1.2TB SAS 10K 2.5" - Vault Drives, 10x 1.2TB SAS 10K 2.5", 1x 1.2TB SAS 10K - Hotspare, 4 PORT 10Gb CNA iSCSI SFP+ Connectivity at RAID 5 (4+1) for Tagum and Mintal Campuses <p>with common minimum specifications as follows:</p> <ul style="list-style-type: none"> ➤ Fast Cache, ➤ Thin Provisioning, ➤ Unified Protocols (File,Block, VVols), ➤ Quality of Service (for Block), ➤ Storage Analytics Adapter for virtualization, ➤ Performance Optimization (FAST Cache/FASTVP), ➤ Local Protection (Local Point-In-Time Copies/Anti-virus), 	3	8,000,000.00

- **Optional controller Based Encryption with self-managed or external key management,**
- **Local Point-In-Time Copies (Snapshots and Thin Clones),**
- **AppSync Basic,**
- **AntiVirus Agent,**
- **Event Publishing Agent,**
- **Native Remote Protection including Native Synchronous and Asynchronous Block & File Replication,**
- **Snapshot Shipping,**
- **Integrated Block migration from 3rd party arrays,**
- **Native Block & File migration,**
- **2U Disk Processor Enclosure (DPE) with twenty five 2.5" drives,**
- **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,**
- **Disk Processor Enclosure power during a power failure is provided by a Battery Back Up module,**
- **Dual-active controller system designed to optimize the performance and availability of storage, 2 x Intel CPUs 12 cores per Array 1.7GHz CPU per array,**
- **128GB System Memory,**
- **800 GBs FAST Cache per array,**
- **928 GBs total Cache,**
- **4 IO modules per array,**
- **4 x 4 lane 12Gb/s SAS ports for BE (back end) connection Embedded SAS IO Ports/Array,**
- **2 x 4 Lane Base 12 Gb/s SAS BE Buses/Array,**
- **24 Max BE (front end) Total Ports per Array,**
- **20 Max FC Ports per Array,**
- **4 Embedded 10GbaseT Ports per Array,**
- **4 ports: 8/16 Gb FCD,**
- **10Gb IP/iSCSI, or 1Gb RJ45 Embedded CNA ports per Array,**
- **24 – 10GbE / 16 – 25GbE 10/25 GbE/iSCSI**
- **Max Total Ports per Array, 1,000 Max file systems per Array,**
- **256TB Max File System Size,**
- **1,000 Max attached snapshots per Array (Block), up to 600K OPSF,**
- **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,**
- **Disk Array Enclosure supports FLASH & SAS Drive Types with 12 Gb SAS Controller Interface, Supports AllFlash & Hybrid Media (All drives are 520 bytes/sector), Supports Block Protocols: iSCSI, Fibre Channel (FCP SCSI-3), Supports Fail-Safe Networking (FSN),**
- **NAS Servers Multi-protocol for UNIX and SMB clients (Microsoft, Apple, Samba), Network Status Monitor (NSM), NT LAN Manager (NTLM),**

	<p>Restriction of Hazardous Substances (RoHS) compliance, Simple Home Directory access for SMB Protocol,</p> <ul style="list-style-type: none"> ➤ Virtual LAN (IEEE 802.1q), Compliance with IPv6 and dual stack (IPv4) modes of operation, ➤ Controller based Data at Rest Encryption with self-managed keys, and IPv6 and dual stack (IPv4) modes of operation, ➤ CIFS (SMB 1), SMB 2, SMB 3.0, SMB 3.02, and SMB 3.1.1; ➤ FTP and SFTP; ➤ FC, iSCSI and VMware Virtual Volumes (VVols) 2.0 Interface Protocols, ➤ Inline data reduction capabilities, write-optimization and flash wear leveling capabilities, ➤ File level retention software feature that protects files from modification or deletion until a specified retention date. ➤ 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, ➤ Intelligent flash wear leveling, unified point-in-time snapshots, unified remote synchronous and asynchronous replication, built-in data-at-rest-encryption, ➤ Proactive Assist: Configuring remote Support, Online Chat etc...), ➤ 3 year Service Warranty with 24x7, 4HRS support response time, ➤ Implementation Support Service, ➤ With built-in manufacturer support software that predictively checks the health status of the system's hardware and software, ➤ Software Service Manager with License capable of the following: <ul style="list-style-type: none"> ➤ Consolidated dashboard and alerting, ➤ Cloud-based storage analytics including Dynamic Pools for All-Flash Arrays (AFA) only, ➤ Zero Detect/Deduplication/Compression (AFA and All-Flash Pools in Hybrid Arrays, Block & File) Data Reduction, ➤ Storage Analytics Adapter for VMware® vRealize™, ➤ File-Level Retention (FLR-E & FLR-C), NFSv3, NFSv4, NFSv4.1; ➤ All SSDs are warranted for full lifetime wear-out replacement within the service period, ➤ <i>Scope of Work includes supply,</i> ➤ <i>delivery including testing and commissioning,</i> ➤ <i>Deployment, Transfer of Knowledge and Training Module.</i> 	
2 lot	<p>LMS Server Form Factor: 1U rack ➤ Processor: Generation: Gen10; Frequency: 3.0 GHz; Cores: 12; Power: 150W; Speed: 2666MT/s; L3</p>	1 470,000.00

		<p>Cache: 24.75MB</p> <ul style="list-style-type: none"> > 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	lot	<i>Rack Mount UPS</i>	2	160,000.00
		Server UPS, SMART UPS at least 3000VA power capacity, 230V Input and Output Voltage, Rack Mountable		
4	lot	<i>AP Long Range Routers</i>	10	154,000.00
		AP, AC Long Range Wireless Access Point; Preferably, Unifi for system compatibility		
Total ABC				8,784,000.00

Note: Evaluation and awarding will be done per item, hence the SLCC requirement shall be based on the ABC per item or the total ABC of all items being quoted/with bid submission.

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Interested bidders may obtain further information from USEP-BAC Secretariat and inspect the Bidding Documents at the address given below from 8:30 A.M. to 4:30 P.M. (Monday to Friday) except holidays.

5. A complete set of Bidding Documents may be acquired by interested Bidders on **26 October 2020 to 18 November 2020** from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount stated in the table above for the package.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity at www.ueep.edu.ph, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Bidders shall pay the applicable fee for the Bidding Documents not later than the date of submission of their bids in any of the following payments options:

- Over-the-counter payment at USEP-Cashier's office, Obrera Campus, Davao City;
- Over-the-counter deposit at Development Bank of the Philippines (DBP) Account No. - 0915-010315-030 CM Recto Branch; or
- Online fund transfer at Development Bank of the Philippines (DBP) Account No. 0915-010315-030 CM Recto Branch.

Prior to payment, bidders are advised to coordinate first with the BAC Secretariat Head, Ms. Olivia D. Estremos, at (082) 227-8192 local 309 or through mobile phone at 09365127964 (Globe) for the issuance of the "Payment Order" and instructions.

6. The USEP BAC will hold a Pre-Bid Conference on 04 November 2020 (3:00 P.M.) at the USEP-Hostel, Obrero Campus, Davao City, which shall be open to prospective

bidders but limited to one (1) physically present representative per bidder only. The Pre-bid Conference is likewise accessible online through the ZOOM link: <https://us02web.zoom.us/j/89355689213?pwd=Slk6a0NWZ0kDSmNlMzI6STBBTCZlZz09>

7. Bids must be duly received by the BAC Secretariat at the address below on or before 18 November 2020 (2:00 P.M.). All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

Bid opening shall be on 18 November 2020 (2:15 P.M.) at the USEP-Hostel, Obrero Campus, Davao City, which shall be accessible online through the ZOOM link: <https://us02web.zoom.us/j/88127534500?pwd=RRFRNVllbWlHVVlc3VWCSs1MjBqMlBjZz09> Bids will be opened in the presence of the bidders' representative who choose to attend at the address below. Only one representative of the Bidder shall be allowed to physically attend in the opening of bids. Late bids shall not be accepted.

REYNILO D. GARCIA

Chairperson, Bids and Awards Committee-Goods & Services
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Obrero Campus, Davao City

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8. The USEP reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

9. For further information, interested bidders may inspect the Bidding Documents or inquire from the BAC Secretariat Head, Miss Olivia D. Estreiros, at the address and contact numbers stated above from 8:30 AM – 4:30 PM, Monday to Friday.


REYNILO D. GARCIA
Chairperson, Bids & Awards Committee (BAC)
Goods & Services