Addendum Number One

College of Continuing Studies Media Asset Manager
The University of Alabama
Tuscaloosa, Alabama

UA Project Number: N/A

Bid Time & Date: Thursday, September 13, 2018 at 11:00 am local time, UA Facilities Administration Building, 1st Floor Conference Room

Date: September 10, 2018

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated September 5, 2018. Acknowledge receipt by inserting its number on the Bid Proposal Form. Failure to do so may subject Bidder to disqualification.

This Addendum to the Bid Documents includes the following:

I. General / Clarifications

The pre-bid conference agenda, sign-in sheet, and revised bid proposal form are attached. Revisions/additions to the agenda distributed at the pre-bid conference are shown in red.

Attachments:
Pre-Bid Conference Agenda (3 pages)
Pre-Bid Conference Sign-in Sheet (1 pages)
Revised Bid Proposal Form (3 pages)

-END of Addendum #1-
Pre-Bid Conference Agenda

Thursday, September 6, 2018, 2018, 11:00 am Local Time
First Floor Conference Room, Facilities Administration Building

1. Introduction of Attendees

2. Sealed bids must be received by Thursday, September 13, 2018 at 11:00 am local time at the following location:
   - Facilities Administration Building
     1st Floor Conference Room
     1205 14th Street
     Tuscaloosa, AL 35401

3. Eligibility: All bidders submitting bids in amounts exceeding the limits established by the State Licensing Board for General Contractors must be licensed under the provisions of Title 34, Chapter 8, Code of Alabama, 1975, and must show evidence of license before the bid response is considered.

4. Minutes from the Pre-Bid Conference and other pertinent items discussed shall be issued as Addendum 1.

5. Questions: Bidders should submit written questions by Monday, September 10, 2018 at 5:00 pm local time to Jennifer Patrick, Contract Administration, at jpatrick@fa.ua.edu. The University will prepare written responses to all written questions submitted and make them available to all Bidders via addendum.

6. Bid Bond: A Cashier's check or bid bond payable to The University of Alabama in an amount not less than five (5) percent of the amount of the bid, but in no event more than $10,000, must accompany the bidder’s response. Use the Bid Bond Form as contained in the bid documents.

7. Bid Proposal Form: Bids must be submitted on the Bid Proposal Form as contained in the bid documents.

8. Each bid shall be placed in a sealed envelope. On the outside of the envelope, the bidder shall write in large letters “Proposal”, below which the bidder shall write the name of the bid, the name of the bidder, and the bidder’s current general contractor’s state license number. If a bid is sent via mail, the sealed envelope containing the bid, marked as indicated above, shall be enclosed in another envelope for mailing.

9. Bidders shall include with their bids a list of equipment and line drawings showing link speeds for approval. The low bidder shall submit a list of equipment and subcontractors within 48 hours of the bid opening.
10. Post-Award Contract Bonds:
   - Performance bonds in the amount of 100% of the contract amount is required.
   - Payment bonds not less than 50% of the contract amount is required.
   - Use the forms included in the bid documents.

11. Evidence of insurance required in the bid documents will be required prior to the award of a contract. Please see Insurance Requirements section of the bid documents for additional information.

12. Project Information:
   - Project Schedule:
     - Delivery and Installation:
       - Equipment will be delivered to the vendor and the vendor will bring to UA once the installation starts
       - Start Date – Monday, January 7, 2019
       - Completion Date – Friday, January 11, 2019
     - Liquidated damages of $250 per day will be accessed for each calendar day past the schedule completion date.
   - Project details:

The University of Alabama College of Continuing Studies (CCS) requires Vendor to design and install an audio/video asset storage, distribution, and management system. System shall initially be physically capable of supporting 14 simultaneous clients via Fibre Channel, and be capable of future expansion to support at least 30.

The system throughput shall support five concurrent users editing three streams of full-frame ProRes 4444 4K video at 29.97 fps over fiber channel. Aggregate throughput shall exceed 1500MB/second. Initial usable capacity of server shall be at least 75TB, expandable by adding disc trays.

System shall support multiple OS platforms (Windows, MAC, Linux), editing platforms (Premier Pro, Final Cut, DaVinci), and transport protocols (IP, Fibre Channel, iSCSI, DLC).

System shall be equipped with 16Gb FC HBAs via FC SAN and 1GbE NICs for low-bandwidth access to content over a NAS network. Server node shall be redundant for failover and high-availability.

System shall provide policy based data movement to secondary disk, LTO, Public or Private Cloud without need for 3rd party data movers. System shall be capable of offloading 150TB uncompressed content to LTO-7 tapes for data backup or long-term storage. Backup system shall provide automated policy-based tiering to LTO-7 tape, automatically moving unused content to tape while keeping that content available to end users in the file system.

Media Asset Management system (MAM) shall be capable of tagging, tracking, and linking all media (video, audio, image, document) with extensive metadata support, including tracking of vaulted offline assets.

Primary asset server and MAM shall be housed offsite at the University of Alabama Office of Information Technology Data Center (OIT) and connected via OFE single-mode fiber from there to the OFE CCS data rack. Clients in CCS shall be connected to the CCS data rack via OFE Multimode fiber. Vendor shall specify and install all necessary switches, transceivers,
and fibre channel adapters at both ends to connect server to clients at the specified data rates. System shall also accommodate Distributed LAN clients.

All hardware shall have a one (1) year advanced replacement warranty.

One year. Five years of service and support for all furnished components shall be provided, commencing on first day of beneficial use. Technical support should be available by phone during the Monday through Friday 8:00am-5:00pm Central time workday with a one-hour maximum call back time, and a technician shall be dispatched on-site within 24 hours for any issues not resolvable by phone. Technical support shall include unlimited help desk support, unlimited on-site support as required, replacement parts and labor including software/firmware/operating system updates, patches and one preventive maintenance visit per year. The Bid Proposal Form will include informational pricing for years 1-5 for full technical support.

Full technical support as specified for first year shall be renewable annually, and company shall include a cost estimate for years 2-5 support renewal.

One 8:00am-5:00pm business day of training on the operation and maintenance of the system shall be provided. A training day for the staff will be scheduled later in January, 2019 after the installation.

Vendor shall submit an equipment list and line drawings showing link speeds for approval.

13. Questions/Comments

Notes from the Pre-Bid Conference:

1. The bulk of the equipment will be installed in Gordan Palmer Hall. The other equipment will be installed in Martha Parham West Hall.

2. Fiber is already in place. Vendor will need to supply any hardware from the system to the desktops.

3. UPS is not required.

4. Vendor supplied system should be capable of extensive metadata tagging of video, photo, and other file assets.

5. UA OIT will not be supporting this system.
Pre-Bid for College of Continuing Studies Media Asset Manager
Project Number: N/A

Thursday, September 6, 2018, 2018, 11:00 am Local Time
First Floor Conference Room, Facilities Administration Building

SIGN-IN SHEET

<table>
<thead>
<tr>
<th>NAME</th>
<th>COMPANY</th>
<th>DBE</th>
<th>PHONE</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
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THE UNIVERSITY OF ALABAMA®
1205 14th Street | Box 870186 | Tuscaloosa, AL 35487 | 205-348-5950 | Fax 205-348-9105
BID PROPOSAL FORM

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA

c/o Construction Administration

P.O. Box 870186
1205 14th Street
Tuscaloosa, Alabama 35487-0186

BID PROPOSAL FOR:

College of Continuing Studies

Media Asset Manager

The Undersigned, as Bidder, hereby declares that the only person or persons interested in the Proposal as Principals is or are as herein named and that no other person than herein named has any interest in this Proposal or in the Contract to be entered into; that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that he has examined the site of the work, and informed himself fully in regard to all conditions pertaining to the place where the work is to be done, and that he has examined the Drawings and Specifications, including Addenda Nos._______________________ for the work and the other Contract Documents relative thereto, and that he has satisfied himself relative to the work to be performed.

The Bidder certifies by submitting this bid that they are in full compliance with the Code of Alabama, Section 39-3-1 and 39-3-4 and agrees to provide domestic products if the same are available at reasonable and competitive prices. The Bidder further certifies and agrees that if foreign made materials prices have been used as the basis of the bid because domestic products are not available at a reasonable and competitive price, there has been a downward adjustment in contract price equal to any realized savings or benefit to the Bidder and the foreign materials utilized are of an equal or greater quality.

The Bidder certifies by submitting this bid that they are in full compliance with State of Alabama Act No. 2006-557, that they are not barred from bidding or entering into a contract pursuant to Section 41-4-116, Code of Alabama 1975, and that they acknowledge that the Awarding Authority may declare the bid and/or contract void if the certification is false.

The Bidder further declares that he is aware of the tax exempt status of the Owner and that sales/use/severance taxes are excluded from the amount of the bid. The Owner may elect to enter into a “Purchasing Agent Agreement” as described in the Contract Documents.

In compliance with your Advertisement for Bids dated ________________________and subject to all the conditions thereof, the undersigned ________________________________________

Alabama General Contractor’s License #________________

Classification ________________________, A corporation organized and existing under the Laws of the State of ____________________.

A Partnership consisting of ____________________________________________________

Or an Individual trading as ___________________of the City of _________________________

Hereby proposed to furnish all labor and materials and perform all work required for the construction of ________________________________________________________________
in accordance with Drawings and Specifications.
BASE BID: For construction complete as shown and specified, the sum of _____________________________

Dollars ($________________)

ESTIMATED SALES TAX: $__________________________

FOR INFORMATIONAL PRICING:
Base bid should include five years of technical support as specified in the Pre-Bid Agenda. For informational and internal accounting purposes, please list the cost for each year in the spaces below:

Year 1 of full technical support as specified $ ___________
Year 2 of full technical support as specified $ ___________
Year 3 of full technical support as specified $ ___________
Year 4 of full technical support as specified $ ___________
Year 5 of full technical support as specified $ ___________

Required Listing of Subcontractors/Suppliers:
Bidders shall include with their bids a list of equipment and line drawings showing link speeds for approval.

To be filled out if cashier’s check accompanies bid:
The undersigned further agrees that in case of failure on his part to execute the Contract Agreement and required Contract Bonds within fifteen (15) consecutive calendar days after being given written notice of the Award of the Contract, the check accompanying this Bid and the monies thereon shall be paid into the funds of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, a corporation as liquidated damages for such failure; otherwise the check accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a cashier’s check on the __________________________________________
(Institution Name)

for the sum of ____________________________________________________________ Dollars
($__________________________).
To be filled out if bidder’s bond accompanies bid:

The undersigned further agrees that in case of failure on his part to execute the Contract and Required Contract Bonds within fifteen (15) consecutive calendar days after being given written Notice of the award of the Contract, the Bidder’s Bond accompanying this Bid is callable and the Surety will be called upon the Owner(s) for the liquidation; otherwise said Bidder’s Bond shall be returned to the undersigned.

Attached hereto is a bidder’s bond of ______________________________________________

(Bonding Company)

for the sum of ________________________________ Dollars

($____________________) made payable to THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, a corporation.

The full names and residences of persons and firms submitting the bid as Principles are as follows: (must be signed to be a valid bid proposal)

_________________________________ Date: ______________
Signature of Bidder

_________________________________
Title

_________________________________
Business Address