

Solicitation B0003033

Broadcast Server



Utah Valley University

Bid B0003033 Broadcast Server

Bid Number B0003033
 Bid Title Broadcast Server

 Bid Start Date May 21, 2010 12:45:10 PM MDT
 Bid End Date Jun 16, 2010 2:00:00 PM MDT

 Bid Contact Brandon Thomas
 Purchasing Specialist
 Procurement Services
 thomasbr@uvu.edu

 Contract Duration 90 days
 Contract Renewal Not Applicable
 Prices Good for 30 days

Item Response Form

Item B0003033-1-01 - Broadcast Server
 Quantity 1 each
 Unit Price
 Delivery Location Utah Valley University
 Utah Valley University
 500 W 1200 S
 Orem UT 84058
 Qty 1

Description
 Television video server with graphics package

Equipment Summary:

Video server with two (2) output channels capable of Analog, SD, SDI or HD back to back play out.
 Separate Master control computer with automation software.

Hardware:

- 1) Two (2) Channels of Analog, SD, SDI or HD video play out with separate confidence preview.
- 2) Capable of future expansion of additional channels.
- 3) System is capable of live up and down conversion from SD to HD and HD to SD and can convert aspect ratios if necessary (e.g. convert anamorphic to letterbox for analog playback)
- 4) The Server shall provide a minimum of 5000 hours of MPEG2 (or equivalent) digital video storage at an average of 6 Mbs, or 1000 hours of HD content at 20 Mbs. (24 TB Raw storage capacity) System shall use raid 5 or 6 array. Drives are hot swappable. Failed drives are easily identified for replacement. System storage shall be able to be extended to additional external storage servers and manage file transfers for playback between servers.
- 5) Analog SD/SD-SDI Encoder to ingest from 5Mbs to 12Mbs video and accompanying audio (analog or embedded) at CBR and VBR.
- 6) The system will provide 8 channels of analog or digital (AES/EBU) audio.
- 7) The system must support encoding of embedded audio in the SDI stream
- 8) The system must provide the ability to encode analog or live content, convert digital files from one format to another, rip DVD's without having to encode and edit MPEG2 files as needed.
- 9) Minimum of 4 channels of RS-422 device control of industry standard VTRs and video Switchers.
- 10) Master Control computer for Automation Software
- 11) Graphics controller/creation computer

- 12) The System can be synced to a house timecode generator.
- 13) System can trim, edit and segment video files for playback. Can be done destructively or non-destructively by placing markers in the video. At virtual markers a fade can be added to avoid jump cuts.
- 14) System has a redundant power supply.
- 15) System supports closed captioning

Automation Software:

- 1) Capable of scheduling 24/7 playback up to 6 months in advance
- 2) Defines content by type and identifies errors and conflicts.
- 3) Can define content as a series and can program series based on repetitive play schedule. (e.g. 40 episode series can be programmed once to play MWF at 6 pm until the series ends)
- 4) System will generate "as-run" logs.
- 5) Can manage 10,000 plus video files
- 6) Can publish the channel schedule to the University's website automatically.
- 7) System can provide video on demand services. (web based)
- 8) System is fully integrated with the graphics software to control time and placement of graphic elements.
- 9) System contains redundant hard drives to protect for failure.
- 10) System controls scheduling, events, routers, database, content and devices, error pager and automated encoding.

Graphics software:

- 1) The system must include a multilayer character generator.
- 2) The System must include the ability to create pages using up to 20 layers of graphics and text to be used for channel signage
- 3) The System must be able to provide scrolls and crawls that can run independently from each other.
- 4) The system must provide the ability to set the timing to start and stop each element of a project.
- 5) The system must be fully controllable by the Automation Software.
- 6) The System must have the ability to provide emergency messaging capability that can be triggered by the automation system as well as manually.
- 7) The system must include an additional license of creation software for use on user provided computer for graphic generation and testing.
- 8) System must be capable of playback of animated sequences of files with alpha channel information. (e.g. play a file with an animated 3D logo or other elements)
- 9) System can assign graphic elements to video files permanently. (e.g. TV ratings logo)
- 10) System can automatically generate "now playing" and "up next" video slates based on the schedule to play over other graphics or video elements with audio.

Remote access:

- 1) The System shall be capable of alerting a coordinator or operator of any difficulty via pager, in-room audible signal, on-screen message or email.
- 2) The system shall be capable of remote access via a computer and modem or dedicated Internet connection for the purpose of diagnostics communications or interaction with the schedule interface to add/remove or modify events as needed.
- 3) The System shall provide monitoring functions for system diagnostics and electronic system checks.

Other:

- 1) The Contractor shall furnish the Owner's representatives with training necessary to operate the system. This training shall include a minimum of six hours of on-site instruction and familiarization with all systems and components.
- 2) The completed automated video system shall be inspected and tested for compliance with all specifications including data rates, storage capacity, communication with all viewing locations, reporting capabilities, etc.
- 3) All components and systems will carry a full one-year warranty on parts, labor and travel from the date of installation.
- 4) Unlimited telephone support is required and should be available normal business hours Monday through Friday and after hours via pager contact to field service technician.
- 5) Software updates should be provided at no cost during the first year after installation and available as part of a maintenance agreement beyond the first year warranty.

Item	B0003033-1-02 - Delivery
Quantity	1 each
Unit Price	
Delivery Location	Utah Valley University <u>Utah Valley University</u>

500 W 1200 S
Orem UT 84058
Qty 1

Description
Delivery

Item B0003033-1-03 - Training
Quantity 1 each
Unit Price
Delivery Location Utah Valley University
Utah Valley University
500 W 1200 S
Orem UT 84058
Qty 1

Description
Training

GENERAL BID PROVISIONS

1. **Preparation of bids:**
 - a. Failure to examine any drawings, specifications and/or instructions will be at bidder's risk.
 - b. All prices and notations must be printed in ink or typewritten. No erasures permitted. Errors may be crossed out and corrections printed in ink or typewritten adjacent and must be initialed in ink by the person signing the bid.
 - c. Price each item separately. Unit price shall be shown and a total price shall be entered for each item bid.
 - d. Time of delivery is a part of the bid and must be adhered to as specified in the request for bid.
 - e. Prices quoted are firm for complete delivery of quantities specified.
 - f. In case of error in extension, unit price will govern.
 - g. Brand names and model numbers must be clearly indicated on bid.
 - h. Brand names and model numbers are given for reference and description, and are not intended to be restrictive. Brands and models of equal quality will be considered. If the bidder lists a trade name and/or catalog number in the bid, the university will assume the item meets the specifications unless the quote clearly states it is an alternate, and describes specifically how it differs from the item specified. All quotes must include complete manufacturer's descriptive literature if quoting an equivalent product.
 - i. All products must be in new, unused condition unless otherwise requested in this solicitation.
 - j. Bidder is to provide bids only for items that they can supply.
 - k. Where "Freight Cost" is listed as a separate line item, bidders are to provide product line item pricing FOB Origin Less Freight. On the line item for "Freight Cost" suppliers are to indicate the total freight cost FOB Destination Freight Prepaid. Where there is not a line item for "Freight Cost", suppliers are to provide line item pricing FOB Destination Freight Prepaid.
2. **Submission of Bids:**
 - a. Bids may submitted directly to Procurement Services, via fax, or electronic submission. Bids submitted directly to Procurement Service must be signed in ink and sealed in an envelope with the "Bid Number" and bid due date clearly printed on the outside of the envelope, unless stated otherwise. Bids submitted via fax should include the "Bid Number" and bid due date clearly printed on the fax cover sheet. Bids may only be submitted electronically via e-mail or through BidSync if specified in the request for bid. There is no cost to the bidder to submit electronic quotes via BidSync for any solicitation issued by the State of Utah or any subdivision of Utah.
 - b. Bids, and modifications or corrections thereof, received after the closing time specified will not be considered.
 - c. The university prefers that bids be submitted on bid forms furnished by the university. Bids submitted in other formats may not be considered.
 - d. No charge for delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, cost of bonds, or for any other purpose will be paid by the university unless expressly indicated in the request for bid.
 - e. Failure to submit a bid or to advise Procurement Services that future invitations for bids are desired, may result in the removal of your name from the bidder's list.
3. **Award of Contract:**
 - a. This request for bid will not be read at a public opening; however, the information may be publically reviewed after award.
 - b. Contracts and purchases will be made or entered into with the responsible bidder making the lowest and best bid meeting specifications. Consideration will be given to the quality of the product(s) to be supplied, conformity to the specifications, the purpose for which required, delivery time required, discount terms, and other criteria set forth in this request for bid.
 - c. The university may accept any item or group of items, or overall low bid.
 - d. The university reserves the right to cancel this solicitation.
 - e. The university reserves the right to increase or decrease the quantity of any item and to order any or all of the items at quoted prices, unless the bidder specifies otherwise in his bid.
 - f. The university reserves the right to reject any and all bids and waive any informality or technicality in bids received, if it is in the interest of the university.
 - g. A written Purchase Order mailed, or otherwise furnished to the successful bidder, within the time for acceptance specified in the bid, results in a binding contract without action by either party. The contract shall be interpreted, construed and given effect, in all respects, according to the laws of the State of Utah. The contract shall not be assigned by the vendor, in whole or in part, without written consent of the university.
 - h. Authorized representatives of the university's Procurement Services department are the only persons authorized to place orders or commit the university for purchases.
 - i. Multiple contracts may be awarded if the university determines it would be in its best interest.
4. **Amendments:** All changes to this request for bid will be made only through written addendum from Procurement Services. Answers to questions submitted through BidSync shall be considered addenda. Bidders are cautioned not to consider verbal modifications.
5. **Bonds:** The university reserves the right to require a bid bond, a supply contract bond or a faithful performance bond from the vendor in an amount not to exceed the amount of the contract.
6. **Samples:** Samples of items, when required, must be furnished, free of expense, to the university. If not destroyed by tests, the sample may, upon request made at the time the sample is furnished, be returned at the bidder's expense.
7. **Warranty:** Seller warrants that the merchandise will conform to its description and any applicable specifications shall be of good merchantable quality and fit for the known purpose for which it is sold. This warranty is in addition to any standard warranty or service guarantee given by the Seller to the Purchaser.
8. **Energy Conservation and Recycled Products:** The contractor is encouraged to offer Energy Star certified products or products that meet FEMP standards for energy consumption. The university also encourages contractors to offer products that are produced with recycled materials, where appropriate, unless otherwise requested in this solicitation.
9. **Conflict:** Unless clearly indicated otherwise in the bid, the university assumes that no employee of the university has sufficient financial or management interest in the bidder's organization to cause a conflict of interest should the bidder be awarded an order based on this request.
10. **Debarment:** The contractor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the transaction (contract), by any governmental department or agency. If the contractor cannot certify this statement, submit a written explanation for review by the university.
11. **Security Standards:** The contractor shall comply with all Security Standards issued by the university, including Payment Card Industry and Data Privacy Standards.
12. **Indemnification:** The university is required to comply with provisions of the Utah Governmental Immunity Act, Utah Code Ann. Sec. 63G-7-101 et seq. and any other requirements mandated by the Utah Attorney General's Office regarding indemnification, attorney's fees, governing law provisions and insurance provisions. Any contract created under this bid must include such terms and conditions regarding such as set forth by the university.
13. **Assignment/Subcontract:** Bidder agrees that no contract rights or subcontract rights may be assigned, sold, or transferred, or responsibilities delegated, in whole or in part, under any contract formed upon acceptance of the bidder without prior written approval of the university.
14. **Entire Agreement:** Bidder agrees that the terms and conditions herein supersede any inconsistent terms and conditions submitted by the Bidder in a preprinted form contract.
15. **Non-appropriation of Funds:** The Contractor acknowledges that the university cannot contract for the payment of funds not yet appropriated by the Utah State Legislature. If funding to the State is reduced due to an order by the Legislature or the governor, or is required by State Law, or if federal funding (when applicable) is not provided, the university may terminate this contract or proportionately reduce the services and purchase obligations from the university upon 30 days written notice. In the case that funds are not appropriated or are reduced, the university will reimburse the contractor for products delivered or services performed through the date of cancellation or reduction, and the State will not be liable for any future commitments, penalties, or liquidated damages.
16. **Contract Jurisdiction, Choice of Law, and Venue:** The provisions of this contract shall be governed by laws of the State of Utah. The parties will submit to the jurisdiction of the courts of the State of Utah for any dispute arising out of this Contract or the breach thereof.
17. **Laws and Regulations:** The Contractor and any and all supplies, services, equipment, and construction proposed and furnished under this contract will comply fully with all applicable Federal and State laws and regulations.
18. **State of Utah Sales and Use Tax:**
 - a. Utah State Sales and Use Tax should not be added. Tax Exempt ID number: 11843640-002-STC
 - b. The Bidder is responsible for complying with all Utah State Sales and Use Tax exemption requirements. The bidder is responsible for payment of all Utah

State Sales and Use Tax obligations that arise from the bidder's failure to comply with exemption requirements.

19. **Governing Laws and Regulations:** All university purchases are subject to the Utah Procurement Code, Title 63 Chapter 56 U.C.A. 1953, as amended, the Procurement Regulations as adopted by the Utah State Procurement Policy Board, and the Policies and Procedures set forth by the university.
20. **Government Records Access and Management Act:** The Government Records Access and Management Act, Section 63G-2-101 et seq., Utah Code Ann., as amended ("GRAMA") provides that information in the bids submitted may be open for public inspection at the time the bids are opened. If a bidder desires to have certain information contained in their bid protected from such disclosure, the bidder may request such treatment by providing a "written claim of business confidentiality and a concise statement of reasons supporting the claim of business confidentiality" with the bid (GRAMA, Section 63G-2-309). Pricing elements of any bid will not be considered protected. All material contained in and/or submitted with the bid becomes property of the university and may be returned only at the university's option.
21. **Filing a Protest:** The Utah State Procurement Code (Section 63G-6-801) addresses the procedure for filing a protest regarding the award of bids. The code states that protests "shall be submitted in writing within five working days after the aggrieved person know or should have known the facts giving rise thereto."

Question and Answers for Bid #B0003033 - Broadcast Server

OVERALL BID QUESTIONS

There are no questions associated with this bid. If you would like to submit a question, please click on the "Create New Question" button below.