

REQUEST FOR QUOTATION

SUBMIT BID TO:

KANSAS STATE UNIVERSITY
Purchasing Office
21 Anderson Hall
Manhattan, Kansas 66506-0108

QUOTATION NO.: 52920

DATE SENT: 02/19/2010

CLOSING 2:00 P.M.: 03/02/2010

DEPT P.R. NO.: 90000

THIS IS NOT AN ORDER

Vendor _____

Address _____

City _____ ST _____ Zip _____

FOR ADDITIONAL INFORMATION CONTACT
Purchasing Office
(785) 532-6214 FAX (785) 532-5577

1. In communicating always refer to the above Quotation number.
2. In order to receive consideration for award, one copy of this "Request for Quotation", properly completed and signed, must be returned to and received by the K-State Purchasing Office no later than the specified closing date and time.
3. All prices, terms, and conditions must be shown. Additions or conditions not shown on this bid will not be allowed.
4. Purchase orders or contracts resulting from this quotation may not be assigned without prior written approval of the KSU Director of Purchasing.
5. The seller agrees to protect the purchaser from all damage arising out of alleged infringements of patents.
6. Unless otherwise specified, the right is reserved to accept or reject all or any part of this quotation.
7. Prompt payment discounts will not be considered in determining the low bid.
8. Prices quoted shall be less Federal Excise and State Sales taxes.
9. If given an order, Bidder agrees to furnish the items enumerated hereon at the price(s) and under the conditions indicated.
10. It is hereby agreed that the bidder will, if required by law, comply with the Kansas Act Against Discrimination, K.S.A 44-1030 et. seq.

DELIVERED FOB DEST PPD/ALLWD: Kansas State University

Item #	QTY	Unit	Description of Material or Service	Unit Price	Amount
A	1	EA	Chyron duet, dual-channel, standard definition graphics (character generator) system which meets the following specifications. Brand _____ Model _____		
B	1	LOT	Optional components/ requirements which meets the following specifications. Brand _____ Model _____ _____ % discount if a second system is purchased. Kansas State University reserves the right to waive minor deviations in the specifications when such deviations do not alter nor deter the Agency from accomplishing the intended use or function.		

FEDERAL EMPLOYER I.D. NO. (F.E.I.N.) OR SOCIAL SECURITY NO. _____

PAYMENT TERMS: _____ DELIVERY TO BE: _____ DAYS AFTER RECEIPT OF ORDER. DATE: _____

SIGNED BY: _____ PRINT NAME: _____ TITLE: _____

TOLL FREE/PHONE#: _____ FAX#: _____ EMAIL: _____

Description of Material or Service

MARKING & MAILING BIDS

Bids are to be returned on K-State's Purchasing form in vendor's own envelope or container, sealed securely, addressed and marked on the outside as follows:

PURCHASING OFFICE

RFQ #: _____

CLOSING DATE: _____

21 ANDERSON HALL

KANSAS STATE UNIVERSITY

MANHATTAN, KS 66506

The University will not be responsible for the premature opening of a bid or for the rejection of a bid that was not received prior to the closing date because it was not properly identified on the outside of the envelope or container.

Faxed bids are acceptable unless this Request is for an amount of \$25,000 or more. Sealed bids are required for items totaling \$25,000 or over.

FREIGHT COST INFORMATION:

1. Bids shall be submitted FOB Destination, Freight Prepaid, and Allowed.
2. Shipping cost shall be included in the unit price or added as a separate line item.

BID DISCLOSURES:

At the time of closing, bid prices shall be made public information. Interested vendors or their representatives may be present at the announcement at the following location:

Kansas State University
Controller's Office/Purchasing
21 Anderson Hall
Manhattan, KS 66506

Bid results will not be given to individuals over the telephone, by fax, or e-mail. Results may be obtained after contract finalization by obtaining the bid tabulation from KSU Purchasing. Please send

- Check for \$3.00, payable to Kansas State University
- Self-addressed, stamped envelope
- Request for Quotation number

Should a check be returned to Kansas State University for insufficient funds, the vendor will be suspended from all bidding until such time as the vendor makes good on payment.

CRIMINAL OR CIVIL OFFENSE OF AN INDIVIDUAL COMPANY OR ORGANIZATION: Any conviction for a civil offense by the bidder, any past or current managerial employee of bidder, or any person or entity controlling bidder that indicates a lack of business integrity or business honesty which currently, seriously and directly affects responsibility as a state contractor must be disclosed. This is to include (1) conviction of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract or in the performance of such contract or subcontract; (2) conviction under state or federal statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property; (3) conviction under state or federal antitrust statutes; and (4) any other offense to be so serious and compelling as to affect responsibility as a state contractor. For the purpose of this section, an individual or entity shall be presumed to have control of a company or organization directly or indirectly, or acting in concert with one or more individuals or entities, owns or controls 25 percent or more of its equity, or otherwise controls its management or policies. Failure to disclose an offense may result in disqualification of the bid or termination of the contract.

Specifications for Item A:

Kansas State University's Educational Communications Center (ECC) is seeking bids to replace one or more of its existing Chyron "Duet", dual-channel, standard definition graphics (character generator) systems (henceforth referred to as "CG" in this document).

Currently, the ECC operates and maintains two (2) Chyron "Duet" CG systems, one located in the studio control area at Dole Hall on the K-State campus, and one in a mobile production truck. Both are 2-channel, SDI standard definition (SD) units, with Lyric software and an internal clip player. It is the intent of this procurement to replace at least one (1) of these CG systems with a functionally similar, modern, dual-channel CG system. It is also the intent of this procurement to ensure any equipment purchased can be upgraded from SD to HD in the future.

Key benefits of upgrading the current CG system: To replace outdated, aged equipment, allowing more simple and reliable operation and reduced operating costs. To provide an upgrade path from SD to HD operation when demand requires (expected within one to three years).

Criteria:

1. Reliable operation, format and operational flexibility, providing support for current and evolving video and audio standards. Hardware and software specified in this RFQ must accept and output signals that meet broadcast industry-standard (SMPTE 259M) digital signal standards, with the ability to be upgraded to full compliance with SMPTE 292M standards in the future. Capable of and supporting both 4:3 (SD) and 16:9 (SD/HD) aspect ratio video signals.
2. Ability to input standard definition serial digital interface (SDI) video into the system, superimposing generated text and graphics over this video and outputting the combined signal and appropriate "key" and "fill" signals, via SDI, to other equipment in the production system. Pass, unaltered, existing vertical blanking interval (VBI) signals (such as close-captioning information) and embedded audio present within the input video signal.
3. Dual-channel capability, with independent video input and output channels (plus independent key/fill channels) for each channel, meeting considerations noted in #2 above, allowing a single operator to control both video channels from a single control point, via a single set of controls (i.e. keyboard, mouse, and up to two monitors). Ability to output operating and application software displays to at least two (2) control point monitors via DVI-I or DVI-D.
4. Ability to input various and multiple formats of computer-generated graphics into the system for use as superimposed logos, titles, backgrounds, and motion graphics. Examples include JPG, PNG, TGA and other file standards commonly in use in the broadcast industry, compatible with various software packages such as Adobe "After Effects" and "Photoshop CS4". Ethernet networking capability to allow files containing crawls, rolls, full or partial pages, superimpositions, and backgrounds to be composed, scripted and stored on an external computer, then transmitted electronically to the CG for use by the CG operator or CG in a semi-automated workflow. USB 2.0 interface to allow import/export of above using a portable storage device (e.g. "memory stick" or "thumb drives").
5. Included or optional interface to allow automated statistics, text, or other electronic input to CG from a variety of data sources, including XML, web pages, and shared ODBC database files.
6. Ability to genlock both channels of the system to a common NTSC or tri-level sync reference, - or- input video, allowing use with a SDI-based production switcher (GVG "Zodiak") as a video/key source or for "stand-alone" operation "downstream" of the production switcher.

7. Provision for upgrade from standard definition (SD) to high definition (HD) in the future, with minimal service interruption and expense, retaining compatibility with previously created SD graphics files. Preference will be given to those products allowing local “field” upgrade from SD to HD, negating the need to return the system to the manufacturer for upgrade. When upgraded, the ability to pass all necessary ancillary signals already present in the input video.
8. Inclusion of all necessary hardware (excluding monitors), software, and operation and maintenance manuals with the system. Inclusion of future software and firmware upgrades for the product at no additional charge for the life of the equipment.
9. Ability to utilize existing Cybex “Longview” KVM extender (or other recommended) product allowing control and monitoring of all CG hardware and software from a location up to 100’ away from the CG chassis.
10. Availability/cost of CG operator training.
11. 24/7 technical support, maintenance and warranty service provided by the equipment manufacturer(s) and/or vendor.

Common specifications/requirements:

All costs involved in preparation of the quote are the responsibility of the vendor.

The Educational Communications Center is a Kansas State University entity, and is considered an educational customer by most vendors. Kansas State University is exempt from Kansas sales taxes, and a certificate of exemption is provided.

Vendors may contact the ECC Technical Contact listed at the end of this document to review the current configuration of the Chyron “Duet” system to be replaced.

All hardware and software is required to immediately meet SMPTE 259M video standards, yet be capable of local “field” upgrade to meet SMPTE 292M HD standards in the future. If “field” upgrade is not possible, costs for shipping and full-replacement insurance to and from the upgrade location are to be provided in the quote if the purchaser is responsible for such charges to/from the upgrade location.

All operation manuals, service manuals, and extender cards (if applicable) will be provided with the supplied equipment and software. Operation and service manuals may be provided in digital format, but paper versions are preferred.

The Educational Communications Center at Kansas State University reserves the right to require an on-site demonstration of any equipment listed in the quote before purchase. All costs involved in providing an on-site demonstration are the responsibility of the vendor.

NOTE: The ECC has received demonstrations of specific CG systems in the broadcast marketplace and finds the Compix model “CynerG² HD Ready” provides the necessary form and functions to meet the requirements of this procurement. Other manufacturer’s products may also be acceptable, if they meet the published specifications of the above Compix product.

NOTE: The ECC will consider current model demonstration (or “B-stock”) equipment in this request if the condition of the equipment is clearly declared, deemed acceptable to the ECC, and all hardware and software provided with the full manufacturer’s new-product warranty meeting the warranty requirement listed following.

Required Components/Services

1. Hardware – Base two-channel, standard definition SDI graphics/character generation system and included peripherals, providing:

Simultaneous two-channel operation, with individual video input(s), two or more video output(s) (minimum “key” and “fill”) for each graphics channel.

Ability to superimpose text, graphics, or combined text and graphics on input video signal while retaining embedded audio, close-caption information, and other vertical blanking interval or equivalent signals.

Single control point (peripherals) for control of both CG channels from one location using a single set of peripherals.

Display graphics card able to provide signals to at least two DVI-I or DVI-D LCD display monitors for graphics system operation.

Ability to upgrade both CG channels to HD/SDI operation, supporting 1920 X 1080i (60/59.94/50), 1280 X 720p (60/59.94/50), or 720/640 X 480i (60/59.94/50) operation selected by operator.

Ability to input, create and output simple motion graphics input via various graphics formats (e.g. Targa files).

Multiple General Purpose Interface (GPI) inputs and outputs to allow custom control of CG output and semi-automation.

Writeable DVD optical drive to allow backup of existing or installation of new files to the CG chassis.

2. Software-Operating System – All operating software and firmware, including licenses, for SD operation, providing:

Required computer OS for CG hardware/software platform, including media and license(s).

3. Software-Applications – All application software required to operate, display, and compose graphics and titles on supplied equipment, providing:

CG operation, with the ability to control and display full or partial page graphics/text, rolls, crawls, simple animations, dissolves, etc. via the included hardware.

Composition software for creation, editing, copying, and deletion of graphics/titles on CG hardware.

Support for both 16:9 (SD and future HD) and 4:3 (SD) operation/composition.

4. 24/7 Technical support, providing:

Availability - 24 hours per day, seven days per week, 365 days per year for hardware and software provided, for a minimum period of one year from date of shipment to purchaser.

Toll-free support telephone number (preferred).

5. Shipping, including:

Any and all ground shipping, insurance, and notification charges for all hardware and software provided to the following address:

Educational Communications Center
Kansas State University
128 Dole Hall
Manhattan, KS 66506

6. Warranty, providing:

Factory (or manufacturer-approved agent) repair or replacement of defective equipment/software for a minimum period of one (1) year (from date of shipment to purchaser)

at no additional cost to the purchaser, including freight charges. All provided components (including power supplies) are to be covered by this warranty.

Software “bug fixes” and incremental software or firmware upgrades for electronic components, their control systems and included software for a minimum period of one (1) year from date of shipment at no additional cost to the purchaser, other than freight charges.

Specifications for Item B:

Optional components/requirements:

A. External data interface, providing:

Additional hardware and/or software/licenses required to interface CG hardware/software with external data sources such as electronic digital statistics feeds, internal or external web sites, XML, OBDC databases, etc.

Ability to electronically interface with data from external XML, OBDC, text, html, and other data files on shared network resources or via the Internet.

NOTE: Submitted quotes should include a list of supported file types, required software and/or hardware drivers, and additional costs associated with this option. Contact ECC Technical Contact, listed at the end of this document, for additional information, if required.

B. Additional application software:

CG application software and license allowing composition and editing of new or existing graphics, titles, text and effects on a separate computer (other than the CG itself).

C. Custom Peripherals:

Any or all “custom” peripherals available to more efficiently operate the system (e.g. custom keyboard, pointing device, etc.) not included in #1 preceding.

Custom keyboard, input devices, etc. provided as manufacturer or vendor options for the above-specified CG.

D. Redundant power supply:

A second, redundant power supply built into the CG chassis (if available) capable of automatic switchover and continued CG functionality in the event either power supply fails during operation.

E. HD Upgrade:

Hardware and software required for upgrade of both SD channels to HD/SDI operation, including shipping charges and installation fees, if required

Additional or replacement graphics cards (or other hardware) required for upgrade of the SD CG to HD/SDI operation.

Additional or replacement software and/or licenses required for upgrade of the SD CG to HD/SDI operation.

Any fees associated with such upgrade, including upgrade installation, return authorization and shipping charges to/from upgrade location.

Any new fonts, backgrounds, textures or other graphic elements included with the SD configuration that will require replacement when the CG system is upgraded for HD operation.

F. Operator Training:

On-site training for one or more CG operators, including all associated travel (airfare, lodging, per diem, etc.) and training costs. If factory training is available, cost per attendee and available dates/times/duration within the next calendar year.

G. Hardware maintenance agreement

Hardware maintenance and/or technical support agreement(s) available in one year or multiple-year increments following the first year of ownership.

H. Software upgrade assurance:

Software assurance and/or technical support agreement(s) available in one year or multiple-year increments following the first year of ownership.

ECC TECHNICAL CONTACT

Technical inquiries regarding this project are to be submitted in writing to:

Robert F. Nelson, Chief Engineer
Educational Communications Center
Kansas State University
128 Dole Hall
Manhattan, KS 66506
Facsimile: 785-532-7355
E-mail: rfnelson@k-state.edu