

Request for Quotation

RFQ Number	001594
Date Issued	June 22, 2021
Closing Date	June 25, 2021; 10:00am local time
Procurement Officer	Brad Stefanoni; 620.235.4169; bstefanoni@pittstate.edu
Item	NewTek TriCaster
Agency & Location	Pittsburg State University (PSU) in Pittsburg Kansas
Scope	Pittsburg State University is seeking quotations for one (1) new NewTek TriCaster model TC1.
Bid Submittal	Submit bid by e-mail to bstefanoni@pittstate.edu

1. When communicating, always refer to the Quotation number above.
2. In order to receive consideration for award, one copy of this "Request for Quotation," a properly completed and signed, must be returned to Pittsburg State University no later than the specified closing time. The University is not responsible for late bids.
3. All prices, terms, and conditions must be shown. Additions or conditions not shown on this bid will not be allowed.
4. Prompt payment discounts will not be considered in determining the low bid.
5. Prices quoted shall be less Federal Excise and State Sales taxes.
6. The PSU Director of Purchasing reserves the right to accept or reject any part of this quotation.
7. Bid results will not be given to individuals over the phone. Written bid results may be obtained by written request from the procurement officer.
8. Contractual Provisions Attachment DA-146a applies to all bids.
9. 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.
10. PSU reserves the right to award in the best interest of the university.

Vendor Name	
Total Quote Price	

Pittsburg State University is seeking quotations for one (1) new NewTek TriCaster model TC1 per the following specifications:

Make: NewTek

Model: TriCaster TC1

Note: Unit shall be new equipment NOT used and/or refurbished equipment

Technical Specifications

- Video Input: 16 x simultaneous external video inputs, supporting any combination of compatible sources in resolutions up to 4K UHD at frame rates up to 60fps (2160p 59.94)
- Network Video Input: 16 x IP video inputs via NDI®, resolution-independent, with support for key and fill
- SDI Video Input: 4 x 3G/HD/SD-SDI connections supporting video input in any combination of standard formats, resolutions, and frame rates
 - 1080p: 59.94, 50, 29.97, 25
 - 1080i: 59.94, 50
 - 720p: 59.94, 50, 29.97, 25
 - 576i 50
 - 480i 59.94
- PTZ: Support for up to 8 simultaneous Pan-Tilt-Zoom (PTZ) robotic cameras via serial and network protocols, including RS232, RS422 and IP, with integrated controls and preset system
- Skype TX: Native support for up to 2 simultaneous Skype® video call inputs via Skype TX software integration, including tally and Talk Back communication
- Video Output: Configurable for up to 4 independent video mix outputs, with simultaneous delivery via IP and SDI
- Network Video Output: IP video output via NDI, optionally configurable for:
 - 4 x independent video mix outputs
 - 1 x 4K UHD video mix output
- SDI Video Output: 4 x 3G/HD/SD-SDI connections, optionally configurable for:
 - 4 x independent 3G/HD/SD video mix outputs
 - 1 x 4K UHD video mix output via 3G-SDI quad-link grouping
- Stream Output: 2 x resolution-independent streaming video outputs, independently configurable, with simultaneous stream archive
- Multiviewer Output: 3 x multiviewer outputs supporting standard display resolutions
 - 1 x DVI user interface with multiviewer
 - 1 x HDMI multiviewer
 - 1 x DisplayPort multiviewer
- Mix/Effect Buses (M/E): 4 x M/E buses supporting video re-entry
 - 1 x Mix/Effect channel per bus with support for up to 4 sources
 - 4 x KEY layers per bus
 - 9 x memory slots per bus
 - 1 x PREVIZ configuration and preview bus
- DSK Channels: 4 x DSK channels
- Media: 5 x media players
 - 2 x DDR
 - 2 x GFX
 - 1 x Sound

- 15 x media buffers
- 10 x animation buffers
- 5 x graphic buffers
- 30 x clip players (available for use as transitions or media depending on function)
- **Keyers:** Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses
 - 16 x input keyers
 - 4 x media player keyers
 - 4 x M/E keyers
 - 1 x PREVIZ keyer
 - 15 x buffer keyers
- **COMPs:** Integrated video composition engine on the switcher and each M/E bus to create, store, and apply layer configurations and DVE-style motion sequences
 - 16 x configurable COMP presets per bus
- **Virtual Sets:** Integrated LiveSet™ technology with 30+ live virtual sets and box effects included
- **DataLink:** Integrated DataLink™ technology enabling real-time, automated data input from internal and external sources, including webpages, spreadsheets, scoreboards, databases, RSS feeds, watch files, XML, CSV, ASCII and more
- **Macros:** Record, store, edit and automate commands and user-configured operation sequences
 - Attach to control panel buttons, keyboard shortcuts, hotspots, MIDI and X-keys® buttons or GPI triggers
 - Attach to internal events and state changes, including audio, media playback, tally and specific switcher actions
 - Supports control via web-based interface
- **Recording:** 8 x configurable video recording channels via IsoCorder™ technology
 - 8 x NDI® recordings (scalable to higher number with Premium Access)
 - 4 x QuickTime® archival video recorders (SHQ2 quicktime codec, 4:2:2 encoding, 24-bit audio, with timecode)3
 - 2 x H.264 IsoCorder™ distribution video recorders (multiple profiles)
 - 1 x MP3 audio recorder
- **Storage:** 4TB internal media storage
 - 2 x 4TB 7200 RPM, 128MB Cache, SATA 6.0Gb/s, 3.5" Internal Hard Drive
 - Capacity varies by format, resolution and file specification
 - Supports recording to external storage via USB 3.0 and eSATA
 - Supports shared storage integration and third-party partner solutions
- **Grab:** Grab full-resolution, deinterlaced still images from external video sources and outputs
- **Export:** Export video and image files to social media, FTP, local or external volumes, and network servers, with optional transcoding
- **Audio Mixer:** Integrated multi-channel audio mixer with support for quad-channel audio, DSPs and 4x4x4 audio input routing
- **Local Audio Input:**
 - 4 x SDI embedded
 - 1 x Balanced XLR stereo pair (Line)
 - 3 x Balanced 1/4" stereo pairs (Line)
 - Support for USB audio device input via compatible WDM audio drivers
- **Local Audio Output:**

- 4 x SDI embedded
- 1 x Balanced XLR stereo pair
- 1 x Balanced 1/4" stereo pair
- 1 x Stereo 1/4" (phones)
- Network Audio:
 - Native support for network audio input and output via NDI
 - Embedded audio supported for all NDI input and output video signals
 - Integrated support for Dante™ networking protocol from Audinate®
 - Support for AES67 protocol via compatible WDM audio drivers
- Supported Media File Formats: Import, store, and play back multimedia files, with optional transcoding, including:
 - Video: AVI, DV, DVCPro, DVCProHD, FLV, F4V, H.263, H.264, MOV, MKV, MJPEG, MPEG, MP4, WMV, WebM, and more
 - Image: PSD, PNG, TGA, BMP, JPEG, JPEG-XR, JPEG2000, EXR, RAW, TIF, WebP, and more
 - Audio: AIFF, MP3, WAV, and more
- Monitoring: Support for up to 3 multiviewer displays with configurable workspaces and viewports
- Signal Monitoring: Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
- Processing:
 - Video: Floating Point YCbCr +A 4:4:4
 - Audio: Floating Point, 96 kHz
- Throughput Latency: ~1.0-1.5 frames
- A/V Standards:
 - 4K UHD video conforms to SMPTE 2036 (UHDTV1 using Square Division Quad Split)
 - 3G-SDI video conforms to SMPTE 424M (Level A)
 - HD-SDI video conforms to SMPTE 292M
 - SD video conforms to SMPTE 259M and ITU-R BT.656
 - Analog audio levels conform to SMPTE RP-155
- Tally: Support for hardware tally via HD15 GPI connector, network tally via NDI, and Blackmagic Design® SDI tally standard
- Genlock: Genlock input supporting SD (Bi-level) or HD (Tri-level) reference signals
- GPI: Supports GPI signals via JLC Cooper Electronics eBox GPI interface
- MIDI: Support for standard MIDI protocol enabling third-party device control
- System Drive: 120GB SSD
- NIC:
 - NIC 1 x 10 Gigabit Ethernet
 - 1 x 1 Gigabit Ethernet
- System Physical: TriCaster TC1:
 - 2RU chassis with 400W PSU and multi-tiered hardware and software fail-safe
 - 19.0 x 3.5 x 19.57 in (48.3 x 8.9 x 49.7 cm) with rack ears attached

For technical questions please contact **Troy Comeau** at 620.235.4724 or tcomeau@pittstate.edu.

PSU reserves the right to award in the best interest of the university.

General Provisions/Signature

Tax Clearance Certification: Bid submittals of \$25,000 or more shall include a copy of a Tax Clearance Certification. Tax Clearances may be obtained from the Kansas Dept. of Revenue (KDOR):

<http://www.ksrevenue.org/taxclearance.html>

W9 Form: Vendors who are new to PSU should submit a copy of their W9 with bid response. The form can be downloaded at www.irs.gov/pub/irs-pdf/fw9.pdf

DA-146a Contractual Provisions: The bidder agrees to accept the provisions of form DA-146a, Contractual Provisions Attachment which is incorporated into all contracts with the State <http://www.da.ks.gov/purch/DA-146a.pdf>

NEW MATERIALS, SUPPLIES, OR EQUIPMENT: Unless otherwise specified, all materials, supplies or equipment offered by a vendor shall be new, and unused in any regard. All materials, supplies and equipment shall be first class in all respects. Seconds or flawed items will not be acceptable. All materials, supplies or equipment shall be suitable for their intended purpose and, unless otherwise specified, fully assembled and ready for use on delivery.

COMPARABLE PRODUCTS: Bids on comparable products are invited. Indicate appropriate items, brands, model numbers, and specifications. Minor deviations in size and operational characteristics from those set forth in the specification will be considered when such deviations do not alter nor deter Pittsburg State University from accomplishing its intended usage or function. **Each bidder must clearly indicate in writing where (if any) their product characteristics deviate from these specifications and explain how their product accomplishes the desired function even though product characteristics may be different.**

ACCEPTANCE OR REJECTION: PSU reserves the right to accept or reject any or all bids or part of a bid; to waive any informalities or technicalities; clarify any ambiguities in bids; and unless otherwise specified, to accept any item in the bid.

PAYMENT: Payment will be made upon receipt of shipment by PSU.

FREIGHT COST INFORMATION: FOB Destination, Freight Prepaid, and Allowed.

The undersigned certifies that he does not have any substantial conflict of interest sufficient to influence the bidding process on this bid. A conflict of substantial interest is one which a reasonable person would think would compromise the open competitive bid process.

- Legal Name of Person, Firm or Corporation:
- Payment Terms:
- Telephone Number:
- E-mail Address:
- **Signature:** _____
- **Date:** _____

CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 07-19), which is attached hereto, are hereby incorporated in this contract and made a part thereof.

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the _____ day of _____, 20_____.

1. **Terms Herein Controlling Provisions:** It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.
2. **Kansas Law and Venue:** This contract shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit in connection with this contract shall reside only in courts located in the State of Kansas.
3. **Termination Due To Lack Of Funding Appropriation:** If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least thirty (30) days prior to the end of its current fiscal year and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to ninety (90) days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of the State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.
4. **Disclaimer Of Liability:** No provision of this contract will be given effect that attempts to require the State of Kansas or its agencies to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The liability of the State of Kansas is defined under the Kansas Tort Claims Act (K.S.A. 75-6101, *et seq.*).
5. **Anti-Discrimination Clause:** The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001, *et seq.*) and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111, *et seq.*) and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101, *et seq.*) (ADA), and Kansas Executive Order No. 19-02, and to not discriminate against any person because of race, color, gender, sexual orientation, gender identity or expression, religion, national origin, ancestry, age, military or veteran status, disability status, marital or family status, genetic information, or political affiliation that is unrelated to the person's ability to reasonably perform the duties of a particular job or position; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to

comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) Contractor agrees to comply with all applicable state and federal anti-discrimination laws and regulations; (g) Contractor agrees all hiring must be on the basis of individual merit and qualifications, and discrimination or harassment of persons for the reasons stated above is prohibited; and (h) if it is determined that the contractor has violated the provisions of any portion of this paragraph, such violation shall constitute a breach of contract and the contract may be canceled, terminated, or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration.

6. **Acceptance of Contract:** This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.
7. **Arbitration, Damages, Warranties:** Notwithstanding any language to the contrary, no interpretation of this contract shall find that the State or its agencies have agreed to binding arbitration, or the payment of damages or penalties. Further, the State of Kansas and its agencies do not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages available to the State of Kansas or its agencies at law, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
8. **Representative's Authority to Contract:** By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.
9. **Responsibility for Taxes:** The State of Kansas and its agencies shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.
10. **Insurance:** The State of Kansas and its agencies shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require them to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101, *et seq.*), the contractor shall bear the risk of any loss or damage to any property in which the contractor holds title.
11. **Information:** No provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101, *et seq.*
12. **The Eleventh Amendment:** "The Eleventh Amendment is an inherent and incumbent protection with the State of Kansas and need not be reserved, but prudence requires the State to reiterate that nothing related to this contract shall be deemed a waiver of the Eleventh Amendment."
13. **Campaign Contributions / Lobbying:** Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.