APPROVED November 30, 2021
President's Cabinet William J. Scoggin

MT. SAC
Mt. San Antonio College

IMMEDIATE NEED REQUEST

2021-22

Requested by: (Unit, Department, Division or Vice President)	Mike Nichols - Kevin Owen	
		Date to VP: 11/29/2021

Location	**(Fill-in)**	**Reviewed By (Signature):**	
Department or Unit:	Broadcast Services		**Date to Cabinet:**
Division:	Technical Services		**Outcome:**
Vice President:	Administrative Services		

Budget Request(s)		**Justification for Request(s)**	**Funds Requested ****			**Funding**
(List in Priority Order)		**An "Immediate Need" is a shortfall in funding that, unless funded immediately, could cause a program to cease to function.**	**Amount**	**One-time**	**Ongoing**	**Approved**
1.	Replacement of Mira 8 channel hard drive recorder, 1 ea. Evertz 2272 Router Control Panel, 2 ea. Evertz 2232 Router Control Panels, & 1 ea. Blackmagic Hyperdeck Studio HD Pro Recorder	There was a dual air conditioner failure in the video truck over a hot weekend that caused internal temperatures to reach over 130 degrees. Several pieces of equipment were damaged, most were unrepairable. The Mira 8 channel recorder used for slo-motion recording and playback was damaged and is not repairable. Without this piece of equipment, instruction on the operation of slo-mo playback for broadcasting is not possible. There were 3 router control panels which also suffered unrepairable failures, along with a hard drive recorder. Two video monitors also failed, but have already been repaired and are not included in this request. Staff has monitored other systems and equipment for the past 2 months and has not found any other defective equipment. Systems are still being monitored for latent defects. Temperature monitoring equipment has been installed in the video truck to alert staff of overtemp conditions in the future. Mira SloMo Recorder: $79,551 Evertz 2272 Router Panel: $3914 Evertz 2232 Router Panels: $11,212 Hyperdeck Recorder: $1089	95,766.00	95,766		
	Account Number(s):	11000-672000-641700-61300: $90,763 11000-672000-641600-61300: $5,003				
2.						
	Account Number(s):					
3.						
	Account Number(s):					

** ***Please provide documentation to support the amount requested, such as price quotes from vendor, copy of catalog, etc. Also, include any ancillary costs, such as maintenance, annual software upgrades, etc.***

Ross Quote #: Q-00082747-5
Mt. San Antonio College / MIRA Replay w Piero

Quote Prepared On: 07-Oct-21
Quote Valid Until: 06-Nov-21

Proposal Prepared Exclusively For

Paul Walker
Mt. San Antonio College
(909) 274-7500
pwalker10@mtsac.edu

Prepared By

Jerry Haasch
Regional Sales Manager
(916) 663-8422
jhaasch@rossvideo.com

Bill To:

Mt. San Antonio College
1100 N. Grand Ave
Walnut, California, 91789
United States

Ship To:

Mt. San Antonio College
1100 N. Grand Ave
Walnut, California, 91789
United States

Thank you for considering Ross! We are pleased to present to you the following proposal. Please note all prices are quoted in USD. **Please note that scheduling the onsite services quoted herein are subject to approval based on a review of location safety protocols.**

Group Name	Optional Subtotal	Subtotal
Mira: Replay Servers	$0.00	$71,800.00
Ross Professional Services	$0.00	$930.00
Total (One Time)		$72,730.00
Subtotal		**$72,730.00**
Tax		$6,821.00
Grand Total		**$79,551.00**

Mira: Replay Servers

#	Product Info	Qty	Net Unit	Optional	Net Price
1	**MIRA+-AVC-8-01** Mira+ Replay System / AVC-I Native / 8-Channels / 280-Hour Media Storage	1	$65,900.00		$65,900.00
2	**MIRA-CS** Mira Control Surface Option	1	$5,900.00		$5,900.00
3	**- - > MIRA-CS-POE** - - > POE Injector for Mira Control Surface	1	$0.00		$0.00

Subtotal: $71,800.00
Optional Subtotal: $0.00

Ross Professional Services

#	Product Info	Qty	Net Unit	Optional	Net Price
4	**MIRA-ONL-COM-1DAY** Mira Online Commissioning	1	$930.00		$930.00

Subtotal: $930.00
Optional Subtotal: $0.00

Quote Subtotal	$72,730.00
Tax	$6,821.00
Grand Total	**$79,551.00**

Product Descriptions

#	Product Code	Product Description
1	**MIRA+-AVC-8-01**	Abekas Mira+ replay system with: AVC-Intra Native Recording I-Frame Only | 8-Channels of video+audio I/O | 280-Hours Media Storage of HD 1080/59.94i video at 100Mb/s bit rate | 8 mono-tracks Embedded Digital Audio I/O in every video channel | 16 mono-tracks AES Digital Audio I/O on (2) 'AES-59/TASCAM' Female 25D (cable NOT supplied) | Integrated Audio Router | Control over External Video Routers | Network Clip Play via GigE and/or 10GigE | Integrated Media File Import and Export tools | Integrated MultiViewer | Quad Viewer/Count-Down on (2) HD-SDI OUT | Dual-Redundant, Hot-swap Power Supplies. *Requires at least (1) 'MIRA-CS' Abekas Mira Control Surface Option (sold separately) SUPPORTED VIDEO FORMATS: SD: Not Supported. HD: 720p & 1080i & 1080p @ 50 and 59.94 (NO Channel count reduction in any video format) UHD-4K: 2160p @ 50 and 59.94 (2-Channels of video+audio I/O in UHD-4K) Single 3RU Rack-Mount Chassis includes: RAID-6 Disk Array with Hot-swap Disks | USB Keyboard & Mouse | (2) EIC AC power cords | (1) Chassis Rack Mount Kit | (1) 68D-to-Octal RJ45/D9 break-out Cable for RS422. *Customer Supplies: (1) or (2) 19- to 24-inch computer monitor cables with: HDMI; or DVI-D; or DisplayPort; or Mini DisplayPort input @ 1920x1080 (or higher) native resolution, for included 'Mira Explorer' and 'Mira Replay' GUI's. Second computer monitor and cables optional, to display 'MultiViewer' or ‘User #2 Mira Replay’ GUI separately.
2	**MIRA-CS**	*ONLY FOR: Abekas Mira or Abekas Mira Express replay servers; will not operate with Tria or Tria Express production servers!* Abekas Mira Control Surface control panel for Mira and Mira Express replay servers. Up to TWO Mira Control Surface control panels can be connected to Mira replay server - ONLY ONE Mira Control Surface can be connected to a Mira Express replay server; Mira Express system includes one Mira Control Surface. Option Includes: (1) Mira Control Surface; (1) CAT5/6 Ethernet cables, 1.5m length; (1) P.O.E. Power Brick and (1) CAT5/6 Ethernet cables, 1.5m length supplied for SECOND Mira Control Surface.
3	**MIRA-CS-POE**	This adapter is required to connect the Mira Control Surface to any Mira server. (Note: it is not required for MIRA-EXPRESS.)

4	**MIRA-ONL-COM-1DAY**	*ONLY FOR: Two or more Mira replay systems purchased and installed at SAME location; AND when ordered with at least (QTY 1) MIRA-ONS-COM-1DAY - Abekas Mira Onsite Commissioning - 1 Day. One day (8 hours) of Online Commissioning for Abekas Mira replay system via online internet session. High-Speed Internet Connection (6Mb/s or higher) at customer's site is required, and customer's Abekas equipment must be internet-connected during entire commissioning session. 6-10 weeks advanced scheduling notice (ARO) is required. Customer is responsible for any costs associated with their cancellation or rescheduling of online services. Once a purchase order is received, all Ross Video commissioning and/or training services may be scheduled by sending an email request to: services@rossvideo.com

ROSS VIDEO IS PLEASED TO QUOTE THESE ITEMS IN ACCORDANCE WITH OUR STANDARD TERMS AND CONDITIONS. Worldwide T&C's, EULA and Warranty Agreement can be found on our website: https://www.rossvideo.com/support/customer-agreements/

Order Instructions

1. PLEASE REFER TO QUOTE NUMBER **Q-00082747** WHEN ORDERING.
2. Please submit POs addressed to
   Ross Video Inc.
   808 Commerce Park
   Ogdensburg NY 13669
   USA
3. Orders and signed quotes should be sent to orders@rossvideo.com

Pricing Terms

1. For Ross quotations containing Services please note all Services are billed at time of equipment shipment. **Should you wish to have services performed before the end of the evaluation term (before the invoice is due) but decide to return the goods, no credit will be issued for those services.**
2. No duty, freight or import taxes included unless otherwise stated.
3. Any discounts quoted apply only to a singularly issued purchase order at specified quantities

Payment and Shipping Terms

1. Payment Terms are subject to credit approval and may be cancelled if account is not in good standing.
2. Payment Terms: CASH WITH ORDER
   Remit to:
   Dept CH 17207, Palatine IL 60055-7207
   Customer Bank: HSBC Bank USA

Customer Account No: 751715131
ACH Details: ABA No. 022000020

3. Shipping arrangements must be via a courier or freight forwarder – standard post, hand carry or alternative arrangements are not permitted.
4. All duties and taxes are the responsibility of the importer.
5. Ross standard paperwork in English only is provided with shipment.
6. Delivery to be advised.
7. Full end user details including company name, address, phone, fax, Tax ID and contact name must be supplied with the order or the order will not be processed.
8. In order to comply with the state and local sales tax law requirements, it is necessary that we have in our files a properly executed exemption certificate from our customers who claim sales tax exemption. If we do not have this certificate, we are obligated to collect the sales tax for the state in which the property is delivered.

Shipping Details

- Incoterm Code: DDP
- Cost and Risk Transfer Point: Walnut, California, United States
- Freight Billing Option: Prepaid and Charged
- Carrier:
- Carrier Service level:

Acceptance of this Quote:

I, the undersigned, certify that I have the authority to bind **Mt. San Antonio College** to the terms of this quotation, and that this signed quotation will be treated as a Purchase Order. With the official receipt of your signed quotation, Ross will provide an order acknowledgement that your order has been received and will verify payment and shipping terms.

Full Name _____ Signature _____

Title _____ Date _____

5292 John Lucas Dr.
Burlington, Ont
Canada
L7L 5Z9

Phone: (905) 335-3700
Fax: (905) 335-3573
Toll Free: (877) 995-3700
http://www.evertz.com

Quote

Quote#	Q00052664-01
Date	10/15/21
Quoted by	Dena Al Kak
Sales Rep	John Fode

Quote to

Kevin Owen
MT SAN ANTONIO COLLEGE
1100 N. Grand Ave.

Walnut, CA. 91789
USA
90955945611

Ship to

Kevin Owen
MT SAN ANTONIO COLLEGE
1100 N. Grand Ave.

Walnut, CA. 91789
USA
90955945611

EPCN: BE4BDH
Project Name / Description: Case 3AC3EH - replacement CP-2232E

Please confirm firmware required (if necessary) when submitting a purchase order.

Qty	Part#	Description	List	Discounted	Extended Price
		Hardware			
2	CP-2232E	Full rack width router control panel with high resolution touch LCD screen, 8 shaft encoders and 32 LCD programmable buttons (requires MAGNUM-Router)	$6,400.00	$5,120.00	$10,240.00 USD
		(defective units purchased 04/26/12, 03/13/12)			
1	CP-2272E	2RU Advanced System Control Panel with 72 LCD button panel and dual small LCD Screens with Advanced Control for MAGNUM-Router (requires MAGNUM-Router). Includes a main and redundant power supply	$6,500.00	$3,575.00	$3,575.00 USD
		(defective unit purchased 06/27/14)			
				Hardware Total List	**$19,300.00 USD**
				Hardware Total Discounted	**$13,815.00 USD**

To replace the following existing units which are defective: 2x CP-2232E, s/n 2608070014, 2568030032
One-time special pricing offered for the following existing unit which is defective: CP-2272E s/n 7159940051

All prices are quoted in US Dollars.

420 9th Ave. at 34th St. in New York City
www.bhphotovideo.com

Sales: 212.644.6708
Customer Service: 212.239.7765

Blackmagic Design HyperDeck Studio HD Pro

BH #BLHDSHDPRO • MFR #HYPERD/ST/DFHP

In Stock

$995.00

Key Features

- 1 RU File-Based Video Recorder
- Uncompressed & H.264 10-Bit 4:2:2 Video
- Records Compressed in ProRes / DNxHD
- 2 x 2.5" SSD Slots and 2 x SD Card Slots
- 1 x 6G-SDI Input, 2 x 6G-SDI Outputs
- 1 x HDMI Input, 1 HDMI Output
- 1 x SDI Loop Output, 1 x USB Type-C Out
- Speaker, Remote, 1G Ethernet Port
- Front Panel Buttons, Jog Wheel, LCD
- Timecode, Ref, and RS-422 Input/Output

In the Box

Blackmagic Design HyperDeck Studio HD Pro