



# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header

List View

**General Information** | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#)

Procurement Folder: 135062

SO Doc Code: CRFQ

Procurement Type: Central Purchase Order

SO Dept: 0439

Vendor ID: 000000227994

SO Doc ID: EBA1600000001

Legal Name: DIGITAL VIDEO GROUP INC

Published Date: 10/2/15

Alias/DBA:

Close Date: 10/6/15

Total Bid: \$115,174.74

Close Time: 13:30

Response Date: 10/02/2015

Status: Closed

Response Time: 8:53

Solicitation Description: Addendum #1 - Ross Carbonite 2s  
2 M/E TV Prod Swtcher

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 135062

**Solicitation Description :** Addendum #1 - Ross Carbonite 2s 2 M/E TV Prod Swtcher

**Proc Type :** Central Purchase Order

Date issued	Solicitation Closes	Solicitation No	Version
	2015-10-06 13:30:00	SR 0439 ESR10021500000001429	1

VENDOR
000000227994 DIGITAL VIDEO GROUP INC

**FOR INFORMATION CONTACT THE BUYER**  
 Stephanie L Gale  
 (304) 558-7023  
 stephanie.l.gale@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	2 Mix Effect Live Broadcast TV Prod Switcher Router Chassis	1.00000	EA	\$54,015.950000	\$54,015.95

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # C2S-224EX-96-001, Ross Carbonite 2s 2 Mix Effect Live Broadcast TV Production Switcher/Router chassis or equivalent

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Redundant Power Supply	1.00000	EA	\$2,701.200000	\$2,701.20

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # CF-NK-P3G Redundant Power Supply Extreme Frame or equivalent.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Carbonite 2S 2 M/E Live Production Switcher Panel ONLY	1.00000	EA	\$13,116.000000	\$13,116.00

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # C2S-Panel Carbonite 2S 2 M/E Live Production Switcher Panel ONLY, 24 source button panel including 1 Power Supply, Source and Keyer Mnemonics, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Redundant Power for Carbonite 2S Panel	2.00000	EA	\$501.240000	\$1,002.48

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # C2S-Panel-REDPSU-EXT, Redundant Power for Carbonite 2S Panel, additional PSU External Brick type power supply for load sharing redundancy, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	8 input card	15.00000	EA	\$501.660000	\$7,524.90

Comm Code	Manufacturer	Specification	Model #
43221701			

Extended Description : Part # CF-NK-13G, 8 input card option that provides support for 8 additional video inputs, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	16 input connector (1 for 2 input cards)	7.00000	EA	\$270.120000	\$1,890.84

Comm Code	Manufacturer	Specification	Model #
43221701			

Extended Description : Part # CF-NK-13G-RC, 16 input connector (1 for 2 input cards) or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	8 output card	6.00000	EA	\$926.130000	\$5,556.78

Comm Code	Manufacturer	Specification	Model #
43221701			

Extended Description : Part # CF-NK-O3G, 8 output card, for 8 additional video outputs, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	16 output connector (1 for 2 output cards)	3.00000	EA	\$270.120000	\$810.36

Comm Code	Manufacturer	Specification	Model #
43221701			

Extended Description : Part # CF-NK-03G-RC, 16 output connector 9 1 for 2 output cards) or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Carbonite Extreme Second Switcher Upgrade	1.00000	EA	\$19,290.400000	\$19,290.40

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # CF-EX-2NDSWR-UPG, Carbonite Extreme Second Switcher Upgrade

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Ethernet Enabled 40 Button and LCD Display Cntrl Panel	1.00000	EA	\$771.000000	\$771.00

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # RCP-ME, Ethernet Enabled 40 Button and LCD Display Cntrl Panel or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	Ethernet enabled Q series 17 LCD Button Cntrl Panel	1.00000	EA	\$2,005.830000	\$2,005.83

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # RCR-QE, Ethernet enabled Q series 17 LCD Button Cntrl Panel, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	Carbonite Commissioning-1 day	1.00000	EA	\$3,244.500000	\$3,244.50

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # Carbonite-COM-1DAY, Carbonite Commissioning-1 day, travel included, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	Carbonite Operations Training-1 Day	1.00000	EA	\$3,244.500000	\$3,244.50

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :** Part # CARBONITE-OTR-1DAY,Carbonite Operations Training-1 Day travel included, or equal



Purchasing Divison  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Request for Quotation

Proc Folder: 135062

Doc Description: Ross Carbonite 2s 2 M/E TV Prod Swtcher

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2015-09-21	2015-10-06 13:30:00	CRFQ 0439 EBA1600000001	1

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Name, Address and Telephone Number:**

Digital Video Group Inc.  
 8529 Meadowbridge Road, Suite 100  
 Mechanicsville, VA 23116  
 804-559-8850

**FOR INFORMATION CONTACT THE BUYER**

Stephanie L Gale  
 (304) 558-7023  
 stephanie.l.gale@wv.gov

Signature X

FEIN # 81-0606512

DATE 10/01/2015

All offers subject to all terms and conditions contained in this solicitation



**ADDITIONAL INFORMAITON:**

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Broadcasting Authority (WVEBA) to establish a contract for the one-time purchase of a Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 input and 96 output Chassis, or equivalent.

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	2 Mix Effect Live Broadcast TV Prod Switcher Router Chassis	1.00000	EA	\$54,015.95	\$54,015.95

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer. DVG is quoting part numbers CB2S-Panel&CF-224EX-96. These part numbers provide the same equipment specification and configuration as the old part number.	

**Extended Description :**

Part # C2S-224EX-96-001, Ross Carbonite 2s 2 Mix Effect Live Broadcast TV Production Switcher/Router chassis or equivalent

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Redundant Power Supply	1.00000	EA	\$2,701.20	\$2,701.20

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-P3G Redundant Power Supply Extreme Frame or equivalent.

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Carbonite 2S 2 M/E Live Production Switcher Panel ONLY	1.00000	EA	\$13,116.00	\$13,116.00

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer. DVG is quoting part number CB2S-Panel This part number provides the same equipment specification and configuration as the old part number.	

**Extended Description :**

Part # C2S-Panel Carbonite 2S 2 M/E Live Production Switcher Panel ONLY, 24 source button panel including 1 Power Supply, Source and Keyer Mnemonics, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Redundant Power for Carbonite 2S Panel	2.00000	EA	\$501.24	\$1,002.54

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer	DVG is quoting part number CB2S-Panel This part number PSU-12V16A-6PIN provides the same equipment specification and configuration as the old part number

**Extended Description :**

Part # C2S-Panel-REDPSU-EXT, Redundant Power for Carbonite 2S Panel, additional PSU External Brick type power supply for load sharing redundancy, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	8 input card	15.00000	EA	\$501.66	\$7,524.90

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-13G, 8 input card option that provides support for 8 additional video inputs, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	16 input connector (1 for 2 input cards)	7.00000	EA	\$270.12	\$ 1,890.84

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-13G-RC, 16 input connector (1 for 2 input cards) or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	8 output card	6.00000	EA	\$926.13	\$5,556.78

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-O3G, 8 output card, for 8 additional video outputs, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	16 output connector (1 for 2 output cards)	3.00000	EA	\$270.12	\$810.63

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-03G-RC, 16 output connector 9 1 for 2 output cards) or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	Carbonite Extreme Second Switcher Upgrade	1.00000	EA	\$19,290.40	\$19,290.40

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-EX-2NDSWR-UPG, Carbonite Extreme Second Switcher Upgrade

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	Ethernet Enabled 40 Button and LCD Display Cntrl Panel	1.00000	EA	\$771.00	\$771.00

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # RCP-ME, Ethernet Enabled 40 Button and LCD Display Cntrl Panel or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
11	Ethernet enabled Q series 17 LCD Button Cntrl Panel	1.00000	EA	\$2,005.83	\$2,008.83

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # RCR-QE, Ethernet enabled Q series 17 LCD Button Cntrl Panel, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
12	Carbonite Commissioning-1 day	1.00000	EA	\$3,244.50	\$3,244.50

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # Carbonite-COM-1DAY, Carbonite Commissioning-1 day, travel included, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
13	Carbonite Operations Training-1 Day	1.00000	EA	\$3,244.50	\$3,244.50

Please note that line item 13 requests a different quantity of training than is requested on the submitted Pricing page.

<b>Comm Code</b>	<b>Manufacturer</b>	<b>Specification</b>	<b>Model #</b>
43221701			

**Extended Description :**

Part # CARBONITE-OTR-1DAY,Carbonite Operations Training-1 Day travel included, or equal

**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions Due	2015-09-28

<b>EBA160000001</b>	<b>Document Phase</b> Final	<b>Document Description</b> Ross Carbonite 2s 2 M/E TV Pro d Swtcher	<b>Page 8</b> <b>of 8</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**Exhibit A**

**PRICING PAGE**

RFQ Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 Input and 96 Output Chassis, or equivalent

**Shipping costs shall be included in the price of the equipment.**

Item Number	Quantity	Description	Unit Price	Extended Price
1	1	Ross Carbonite, or equivalent, 2S 2 M/E Live Broadcast Television Production Switcher with 24 input and 96 output Chassis	\$54,015.95	\$54,015.95
2	1	Redundant Power Supply; eXtreme Frame	\$2,701.20	\$2,701.20
3	1	Carbonite, or equal 2S 2 M/E Live Production Switcher Panel ONLY!	\$13,116.00	\$13,116.00
4	2	Redundant Power for Carbonite 2S Panel	\$501.27	\$1,002.54
5	15	8 input card	\$501.66	\$7,524.90
6	7	16 input connector ( 1 for 2 input cards)	\$207.12	\$1,890.84
7	6	8 output card	\$926.13	\$5,556.78
8	3	16 output connector (1 for 2 output cards)	\$270.12	\$1,890.84



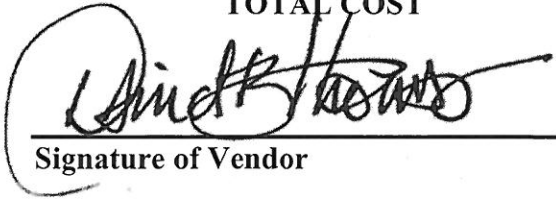
9	1	Carbonite, or equal, Extreme Second Switcher upgrade	\$19,290.40	\$19,290.40
10	1	Ethernet Enabled 40 Button & LCD Display Control Panel	\$771.00	\$771.00
11	1	Ethernet Enabled Q Series 17 LCD Button Control Panel	\$2,005.83	\$2,005.83
12	1	Commissioning, 1 Day	\$1,394.44	\$1,394.44
13	1	Commissioning Travel Expenses	\$1,850.00	\$1,850.00
14	2	CARBONITE, or equal 1 Day Operations Training	\$1,394.50	\$2,789.00

**ITEM 15 and TOTALS LINE ON NEXT PAGE**

15            1    Operations Training Travel Expenses    \$2,150.00    \$2,150.00

**TOTAL COST**

**\$ 116,869.26**

  
Signature of Vendor

October 6, 2015

**DATE**

Company Name            Digital Video Group Inc.

Address                    8529 Meadowbridge Road

Mechanicsville, VA 23116

Phone                      804-559-8850

Fax                         804-559-0017

Email                        david@digitalvideogroup.com

**Exhibit A**

**ALTERNATE PRICING PAGE**

RFQ Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 Input and 96 Output Chassis, or equivalent

**Shipping costs shall be included in the price of the equipment.**

Item Number	Quantity	Description	Unit Price	Extended Price
1	1	Ross Carbonite, or equivalent, 2S 2 M/E Live Broadcast Television Production Switcher with 24 input and 96 output Chassis	\$54,015.95	\$54,015.95
2	1	Redundant Power Supply; eXtreme Frame	\$2,701.20	\$2,701.20
3	1	Carbonite, or equal 2S 2 M/E Live Production Switcher Panel ONLY!	\$13,116.00	\$13,116.00
4	2	Redundant Power for Carbonite 2S Panel	\$501.27	\$1,002.54
5	15	8 input card	\$501.66	\$7,524.90
6	7	16 input connector ( 1 for 2 input cards)	\$207.12	\$1,890.84
7	6	8 output card	\$926.13	\$5,556.78
8	3	16 output connector (1 for 2 output cards)	\$270.12	\$810.36

9	1	Carbonite, or equal, Extreme Second Switcher upgrade	\$19,290.40	\$19,290.40
10	1	Ethernet Enabled 40 Button & LCD Display Control Panel	\$771.00	\$771.00
11	1	Ethernet Enabled Q Series 17 LCD Button Control Panel	\$2,005.83	\$2,005.83
12	1	Commissioning, (DVG) 1 Day Provided By Digital Video Group Inc.	\$1320.00	\$1,320.00
13	1	Commissioning Travel Expenses	\$500.00	\$500.00
14	2	CARBONITE, or equal 1 Day Operations Training (DVG) Provided By Digital Video Group Inc.	\$1,320.00	\$2,640.00

**ITEM 15 and TOTALS LINE ON NEXT PAGE**

15            1    Operations Training Travel Expenses    \$500.00            \$500.00

**TOTAL COST**

**\$ 113,645.80**



Signature of Vendor

October 6, 2015

**DATE**

Company Name            Digital Video Group Inc.

Address                    8529 Meadowbridge Road

Mechanicsville, VA 23116

Phone                      804-559-8850

Fax                          804-559-0017

Email                        david@digitalvideogroup.com

REQUEST FOR QUOTATION  
CRFQ EBA1600000001 - Ross Carbonite 2 S M/E Live Television Production Switcher  
with 24 Input and 96 Output Chassis, or equivalent

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**SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Educational Broadcasting Authority(WVEBA) to establish a contract for the one time purchase of a Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 Input and 96 Output Chassis, or equivalent.
  
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **“Contract Item”** means Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 Input and 96 Output Chassis, or equivalent. This device is **NOT** an Information Technology item. This switcher functions in the isolated environment of the WVEBA plant and will **NOT** be utilized on the computer network of the State of West Virginia.
  
  - 2.2 **In “General Requirements”** in 3.1.1.1.1, 3.1.1.1.2, 3.1.1.1.4 (i) indicates interlaced video scan. In 3.1.1.1.3, 3.1.1.1.5 (p) indicates progressive video scan.
  
  - 2.3 **“SMPTE 424M”** is a standard published by SMPTE which expands upon SMPTE 259M, SMPTE 344M, and SMPTE 292M, allowing for bit-rates of 2.970 Gbit/s and 2.970/1.001 Gbit/s over a single-link coaxial cable. These bit-rates are sufficient for 1080p video at 50 or 60 frames per second
  
  - 2.4 **“SMPTE 344M”** is a standard published by SMPTE which expands upon SMPTE 259 allowing for bit-rates of 540 Mbit/s,<sup>[1]</sup> allowing EDTV resolutions of 480p and 576p.

**REQUEST FOR QUOTATION**  
**CRFQ EBA1600000001 - Ross Carbonite 2 S M/E Live Television Production Switcher**  
with 24 Input and 96 Output Chassis, or equivalent

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**2.5 “SMPTE 259M”** – The goal of SMPTE 259M is to define a Serial Digital Interface (based on a coaxial cable), called SDI or SD-SDI. There are 4 bitrates defined, which are normally used to transfer the following standard video formats:

<b>Variant</b>	<b>Bitrate</b>	<b><u>Display Aspect</u> <u>Ratio</u></b>	<b><u>Total Lines (per</u> <u>Frame)</u></b>	<b><u>Active</u> <u>Pixels</u></b>	<b><u>Active</u> <u>Lines</u></b>	<b><u>Framerate</u></b>
SMPTE 259M- A	143 Mbit/s	4:3	525	768	486	59.94i
SMPTE 259M- B	177 Mbit/s	4:3	625	948	576	50i
SMPTE 259M- C	270 Mbit/s	4:3 or 16:9	525	720	486	59.94i
SMPTE 259M- C	270 Mbit/s	4:3 or 16:9	625	720	576	50i
SMPTE 259M- D	360 Mbit/s	16:9	525	960	486	59.94i

**2.6 “SMPTE 292”**, is a digital video transmission standard published by the Society of Motion Picture and Television Engineers (SMPTE) which expands upon SMPTE 259 and SMPTE344 allowing for bit-rates of 1.485 Gbit/s, and 1.485/1.001 Gbit/s. These bit-rates are sufficient for and often used to transfer uncompressed high-definition video.<sup>[1]</sup> This standard is usually referred to as **HD-SDI**; it is part of a family of standards that define a Serial Digital Interface based on a coaxial cable, intended to be used for transport of uncompressed digital video and audio in a television studio environment.

**2.7 “AES”** The digital audio standard frequently called **AES/EBU**, officially known as **AES3**, is used for carrying digital audio signals between various devices. It was developed by the Audio Engineering Society (AES) and the European Broadcasting Union (EBU) and first published in 1985, later revised in 1992 and 2003. Both AES and EBU versions of the standard exist. Several different physical connectors are also defined as part of the overall group of standards. A related system, S/PDIF, was developed essentially as a consumer version of AES/EBU, using connectors more commonly found in the consumer market.

REQUEST FOR QUOTATION  
CRFQ EBA1600000001 - Ross Carbonite 2 S M/E Live Television Production Switcher  
with 24 Input and 96 Output Chassis, or equivalent

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**2.8 “AES3”** (also known as **AES/EBU**) is a standard for the exchange of digital audio signals between professional audio devices. AES3 was jointly developed by the Audio Engineering Society (AES) and the European Broadcasting Union (EBU). An AES3 signal can carry two channels of PCM audio over several transmission media including balanced lines, unbalanced lines, and optical fiber.<sup>[1]</sup>

**2.9 “On Site Commissioning”** is defined as manufacturer of equipment personnel configure, program and test for normal operational functions of the equipment at the customer’s location, and officially approve of the installation and operations.

**2.10 “TARGA or TGA image files”** extension listed as “.tga” on PC DOS/Windows systems and MAC OS X. TARGA is an acronym for Truevision Advanced Raster Graphics Adaptor; TGA is an initialism for Truevision Graphics Adaptor. Usual resolutions of TGA image files match those of the television standards in the US, NTSC and in Europe, PAL.

**2.11 “RFQ”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

### **3. GENERAL REQUIREMENTS:**

**3.1 Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

**3.1.1** Digital Video Switcher and Router, that shall operate in concert or in conjunction with.

**3.1.1.1** Router/Switcher shall accept the following Serial Digital Formats (SDI):

**3.1.1.1.1** 480i (Standard Definition (SD) NTSC 525)

**3.1.1.1.2** 86i (SD 625 PAL- European standard)

**3.1.1.1.3** 720p

**3.1.1.1.4** 1080i

**3.1.1.1.5** 1080p

**3.1.1.1.6** Router/Switcher shall be able to convert between listed formats and frame rates.

**3.1.2 Digital Video Router**

**3.1.2.1** Router shall have standard 19” EIA rack mount enclosures

**3.1.2.2** Router shall have redundant power supplies





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mode- i.e. control of specific destinations without access to other mission critical points

**3.1.2.12.2.1.1** Labeling shall be electronic for panel control buttons

**3.1.2.12.2.2** Router shall be controllable over IP (Internet Protocol) network using a GUI (Graphical User Interface)

**3.1.2.12.2.3** Router shall be controllable by automation systems via RS232 protocol

**3.1.2.12.2.4** Router shall be controllable by external GPI (General Purpose Interface)

**3.1.2.13** Digital Video Router must be compliant with the following standards:

**3.1.2.13.1** SMPTE 424M (Society of Motion Picture and Television Engineers)

**3.1.2.13.2** SMPTE 344M

**3.1.2.13.3** SMPTE 259M

**3.1.2.13.4** SMPTE 292M

**3.1.2.13.5** AES

**3.1.2 Digital Video Switcher #1**

**3.1.3.1** Digital Video Switcher must be Ross Carbonite 2S or equivalent

**3.1.3.1.1** Digital Video Switcher must be compatible with Ross Carbonite Extreme Router or equal.

**3.1.3.1.2** Switcher shall interface directly with router without using discrete outputs-i.e., not utilizing physical router outputs

**3.1.3.1.3** Inputs shall be from the router

**3.1.3.1.4** Switcher shall have a minimum of 24 simultaneously available inputs

**3.1.3.1.5** Outputs shall be to the router

**3.1.3.1.6** Switcher shall have a minimum of 96 available outputs

**3.1.3.1.7** All Program, M/E, and Auxiliary outputs shall be to the router

**3.1.3.1.8** Media Storage

**3.1.3.1.9** Switcher shall have internal media storage for both still and moving graphics

**3.1.3.1.10** Graphics shall use TARGA standard file exchange

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**3.1.3.1.11** Switcher shall be able to transfer graphics by network interface or USB storage device

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**3.1.3.2 Operation**

**3.1.3.2.1** Switcher shall have a minimum of one Program Bus and two Mix/Effects (M/E) bus

**3.1.3.2.1.1** Program Bus and M/E bus shall have a minimum of 24 crosspoints

**3.1.3.2.1.2** Both Program and M/E bus shall be arranged in crosspoint rows with all switcher inputs available

**3.1.3.2.2** Switcher shall have an auxiliary switcher with a minimum of 8 outputs able to select any crosspoint in the switcher

**3.1.3.2.3** Crosspoints shall have electronic displays of inputs and key functions

**3.1.3.2.4** Both Program and M/E buses shall have a minimum of 4 keys available

**3.1.3.2.5** Switcher shall have 4 additional virtual M/E busses

**3.1.3.2.5.1** Virtual M/E busses shall have the ability to be inserted upstream, midstream, or downstream in the video flow

**3.1.3.2.5.2** Virtual M/E busses shall be available on AUX sends to allow dedicated graphics for ancillary services

**3.1.3.2.6** Switcher shall have memory storage and recall for each M/E bus and Global storage and recall

**3.1.3.2.7** Multiview display

**3.1.3.2.7.1** A multiview display is positioned at the operator position and displays multiple windows on the same screen as opposed to discrete displays

**3.1.3.2.7.2** Switcher shall provide a segmented screen display output for monitoring

**3.1.3.2.7.3** Screen display output shall be configurable from 1 window to 16 discrete windows

**3.1.3.2.7.4** Switcher shall have the ability to label each window individually

**3.1.3.2.7.5** A house clock display shall be available, in addition to the 16 video windows

**3.1.3.2.7.6** Switcher shall be able to display on-air tally in the video windows

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**3.1.4** C2S-224EX-96-001, Ross Carbonite 2S 2 M/E Live Television Production Switcher or equivalent--Standard features shall include:

**3.1.4.1** All Standard System boards and NK-IPS T-Bus Ethernet Interface.

**3.1.4.2** Multi-Definition support for any of the following formats:

**3.1.4.2.1** Lines of resolution and scanning 525, 625, 1080i 50, 1080i 59.94, 720P 50, 720P 59.94, 1080pSF 25, 1080pSF 29.97 and 1080pSF 23.98

**3.1.4.3** Dual MultiViewer with a maximum of 16 Internal/External Source Display each, over 30 Layouts with Tally and Label controls

**3.1.4.3.1** MultiViewer offers 29 additional layouts for HD output when system is operating in and SD format

**3.1.4.4** Robotic Camera Control (VISCA, Canon BU, Ross CamBot Shot Recall or equal)

**3.1.4.5** Video Server Control (AMP) with Ross Video Exclusive Roll Clip or equal, function

**3.1.4.6** Graphics System Control (RossTalk™ or equal)

**3.1.4.7** Audio Mixer Control (Yamaha 01V96 and DM1000 or equal)

**3.1.4.8** Serial Tally Output (TSL 3.1 or equal)

**3.1.4.9** DashBoard intuitive network menu system(LiveAssist, Status, Configuration and ViewControl or equivalent)

**3.1.4.10** Custom Control Macros

**3.1.4.11** MediaWipe™ Transitions or equal

**3.1.4.12** Standard Mnemonics for Crosspoint Source and Keyer Source display

**3.1.4.13** 24 Multi-Definition Serial Digital Inputs Accessible by production switcher at one time – minimum of 144 inputs in Router Matrix

**3.1.4.14** 1 Reference Input

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**3.1.4.15** 1 LTC BNC Input for use with Ross Video Exclusive LiveEDLTM or equal

**3.1.4.16** 2 MultiLevel Effects System (M/E aka Mix Effect)

**3.1.4.17** 4 Keyers with Luma/Linear/Chroma or DVE Keying abilities per M/E

**3.1.4.18** 2 Floating UltraChrome™ Chroma Keyers or equal with Super Fine Keying Quality

**3.1.4.19** 4 Channel Animation Store with a minimum 8 GB of Memory and MediaManager WebUI or equal

**3.1.4.20** 6 Channel Frame Sync and Format Scalar (FSFC), assignable to any Input or Bus (0 when 8 Channel DVE option is enabled)

**3.1.4.21** Channel Floating 2D DVE for 2D Picture in Picture Boxes or 2D DVE Transitions (8 Channel user selectable. Disables all 6 FSFC)

**3.1.4.22** 1 Pattern Generator and 1 Complex Wash Generator per M/E aka Mix/Effects

**3.1.4.23** Wipes and Masks with soft edge borders

**3.1.4.24** Production Switcher Configurable Buses: 9 Assignable HD/SD-SDI(1-8 and PV), 1 PGM HD/SD-SDI

**3.1.4.25** Minimum of 144 Assignable Outputs with Access to Full Router Matrix and Configurable Switcher Buses

**3.1.4.26** 100 Event Memory System with MemoryAITM or equal, and Effects Dissolve Recall modes

**3.1.4.27** FlexiClean™ or equal, assignable Clean Feed output per M/E available on Assignable Outputs

**3.1.4.28** USB Media Drive for storing/loading of switcher configuration, memories, custom controls and media files

**3.1.4.29** 34 GPIO connections each assignable to GPI or GPO function

**3.1.4.30** 34 Tally connections

**REQUEST FOR QUOTATION**  
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**with 24 Input and 96 Output Chassis, or equivalent**

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**3.1.4.31** 10RU Chassis

**3.1.4.32** Full 10-Bit Processing in both HD and SD modes

**3.1.4.33** 4:3/16:9 Switchable aspect

**3.1.4.34** 10 Meter Control Panel Cable

**3.1.4.35** Comprehensive System Operation and Engineering Manuals Disc

**3.1.4.36** Full 1 Year Transferable Warranty on Switcher/Matrix Board and Panel. 5Year Warranty on Frame and I/O Boards.

**3.1.4.37** Lifetime Proprietary Software Updates via Ross Website or equal from vendor supplying router/switcher

**3.1.4.38** CF-NK-P3G Redundant Power Supply for eXtreme Frame, or equivalent. Redundant Power Supply for eXtreme Frame

**3.1.4.39** C2S-PANEL Carbonite 2S 2 M/E Live Production Switcher Panel or equivalent. 24 Source Button Panel including 1 Power Supply, Source and Keyer Mnemonics

**3.1.4.40** C2S-PANEL-REDPSU-EXT Redundant Power for Carbonite 2S Panel, or equivalent. Additional PSU External Brick type power supply for load sharing redundancy

**3.1.4.41** CF-NK-I3G 8 input card, or equivalent

**3.1.4.42** CF-NK-I3G-RC 16 input connector ( 1 for 2 input cards), or equivalent

**3.1.4.43** CF-NK-O3G 8 output card, or equivalent

**3.1.4.44** CF-NK-O3G-RC 16 output connector (1 for 2 output cards), or equivalent

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**3.2 Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

**3.2.1** CF-EX-2NDSWR-UPG Carbonite Extreme Second Switcher upgrade, or equivalent. Adds Second 2 M/E Production Switcher and Backup Router Matrix to existing Carbonite Extreme Chassis.

**3.2.1.1** Does Not Include Control Panel

**3.2.1.2** Kit Includes:

**3.2.1.2.1** Production Switcher and Routing Matrix Board

**3.2.1.2.2** Second Frame Controller

**3.2.1.2.3** Second Switcher GPIO Interface with Rear Rack Mount

Breakout

**3.2.1.2.4** Second Switcher Panel and Ethernet Interface

**3.2.1.2.5** RCP-ME Ethernet Enabled 40 Button & LCD Display Control  
Panel, or equivalent

**3.2.1.2.6** Ethernet enabled 40 illuminated button panel with backlight

**3.2.1.2.7** Ultra-Flexible Configuration, each button is fully  
programmable

**3.2.1.2.8** 16x2 Character Backlit LCD Display, 1RU

**3.2.1.2.9** RCP-QE Ethernet Enabled Q Series 17 LCD Button Control  
Panel, or equivalent

**3.2.1.2.10** Fully Software Configurable, 1RU

**3.3 Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

**3.3.1** Equipment Manufacturer on-site support: Carbonite, or equivalent,

**3.3.1.1** One day, minimum of eight hours, of commissioning of equipment.  
4 weeks advance scheduling notice is required.



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**3.3.1.2** Commissioning is onsite on customer supplied equipment.

**3.3.1.3** Expenses related to travel costs and per diem associated with on site Commissioning Service Expense Trip by manufacturer of equipment personnel, shall be estimated and included as a flat fee.

**3.3.2** Operations Training 1DAY, Carbonite, or equivalent

**3.3.2.1** One day, minimum of eight hours, of onsite training. 4 weeks advance scheduling notice is required.

**3.3.2.2** Training is onsite on customer supplied equipment.

**3.3.2.3** Expenses related to travel costs and per diem associated with on site Training Expense by Manufacturer of equipment personnel, shall be estimated and included as a flat fee.

**4. Contract award:**

**4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Section.

**4.2 Pricing Section:**

4.2.1 SHIPPING COSTS SHALL BE INCLUDED IN THE PRICE OF THE EQUIPMENT.

4.2.2 Vendor should complete the Pricing Section by:

- A) placing the individual price for an item on the unit price line,
- B) multiplying the quantity of an item by the individual price of the item and entering the total on the extended price line for that item

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Vendor should complete the Pricing Section in full as failure to complete the Pricing Section in its entirety may result in Vendor's bid being disqualified.

- 4.2.3 Vendor should type or electronically enter the information into the Pricing Section to prevent errors in the evaluation.

**5. PAYMENT:**

- 5.1 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

**6. DELIVERY AND RETURN:**

- 6.1 Shipment and Delivery:** Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within 20 working days after receiving a purchase order or notice to proceed. Contract Items must be delivered to Agency at 600 Capitol Street, Charleston, WV 25301

- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss:** Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.

- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product

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shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

**7 VENDOR DEFAULT:**

**7.1** The following shall be considered a vendor default under this Contract.

- 7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2 Failure to comply with other specifications and requirements contained herein.
- 7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4 Failure to remedy deficient performance upon request.

**7.2** The following remedies shall be available to Agency upon default.

- 7.2.1 Immediate cancellation of the Contract.
- 7.2.2 Immediate cancellation of one or more release orders issued under this Contract.
- 7.2.3 Any other remedies available in law or equity.

- 8. TRAVEL:** Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract. Any anticipated mileage or travel

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with 24 Input and 96 Output Chassis, or equivalent

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costs must be included in the flat fee listed on Vendor's bid, but such costs will not be paid by the Agency separately.

**9. FACILITIES ACCESS:** Performance of Contract Services may require access cards and/or keys to gain entrance to Agency's facilities. In the event that access cards and/or keys are required:

- a. Vendor must identify principal service personnel which will be issued access cards and/or keys to perform service.
- b. Vendor will be responsible for controlling cards and keys and will pay replacement fee, if the cards or keys become lost or stolen.
- c. Vendor shall notify Agency immediately of any lost, stolen, or missing card or key.
- d. Anyone performing under this Contract will be subject to Agency's security protocol and procedures.
- e. Vendor shall inform all staff of Agency's security protocol and procedures.

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CRFQ EBA1600000001 - Ross Carbonite 2 S M/E Live Television Production Switcher  
with 24 Input and 96 Output Chassis, or equivalent

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**10. VENDOR DEFAULT:**

- a. The following shall be considered a vendor default under this Contract.
  - i. Failure to perform Contract Services in accordance with the requirements contained herein.
  - ii. Failure to comply with other specifications and requirements contained herein.
  - iii. Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
  - iv. Failure to remedy deficient performance upon request.
  
- b. The following remedies shall be available to Agency upon default.
  - i. Immediate cancellation of the Contract.
  - ii. Immediate cancellation of one or more release orders issued under this Contract.
  - iii. Any other remedies available in law or equity.

**11. MISCELLANEOUS:**

- a. **Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

**Contract Manager: David B Thomas**  
**Telephone Number: 804-559-8850**  
**Fax Number: 804-559-0017**  
**Email Address: david@digitalvideogroup.com**

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Digital Video Group Inc

Authorized Signature: [Signature] Date: 10/1/2015

State of Virginia

County of Hannover, to-wit:

Taken, subscribed, and sworn to before me this 1<sup>st</sup> day of October, 2015

My Commission expires December 31, 2014, 20    .

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 07/01/2012)

Reg # 244614





STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Digital Video Group Inc

Authorized Signature: [Signature] Date: 10/1/2015

State of Virginia

County of Hannover, to-wit:

Taken, subscribed, and sworn to before me this 1<sup>st</sup> day of October, 2015

My Commission expires December 31, 2014, 20  .

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 07/01/2012)

Reg # 244614





Purchasing Divison  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Request for Quotation

Proc Folder: 135062

Doc Description: Ross Carbonite 2s 2 M/E TV Prod Swtcher

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2015-09-21	2015-10-06 13:30:00	CRFQ 0439 EBA1600000001	1

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Name, Address and Telephone Number:**

Digital Video Group Inc.  
 8529 Meadowbridge Road, Suite 100  
 Mechanicsville, VA 23116  
 804-559-8850

**FOR INFORMATION CONTACT THE BUYER**

Stephanie L Gale  
 (304) 558-7023  
 stephanie.l.gale@wv.gov

Signature X

FEIN # 81-0606512

DATE 10/01/2015

All offers subject to all terms and conditions contained in this solicitation



**ADDITIONAL INFORMAITON:**

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Broadcasting Authority (WVEBA) to establish a contract for the one-time purchase of a Ross Carbonite 2S 2 Mix/Effect Live Broadcast Television Production Switcher with 24 input and 96 output Chassis, or equivalent.

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	2 Mix Effect Live Broadcast TV Prod Switcher Router Chassis	1.00000	EA	\$54,015.95	\$54,015.95

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer. DVG is quoting part numbers CB2S-Panel&CF-224EX-96. These part numbers provide the same equipment specification and configuration as the old part number.	

**Extended Description :**

Part # C2S-224EX-96-001, Ross Carbonite 2s 2 Mix Effect Live Broadcast TV Production Switcher/Router chassis or equivalent

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Redundant Power Supply	1.00000	EA	\$2,701.20	\$2,701.20

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-P3G Redundant Power Supply Extreme Frame or equivalent.

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Carbonite 2S 2 M/E Live Production Switcher Panel ONLY	1.00000	EA	\$13,116.00	\$13,116.00

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer. DVG is quoting part number CB2S-Panel This part number provides the same equipment specification and configuration as the old part number.	

**Extended Description :**

Part # C2S-Panel Carbonite 2S 2 M/E Live Production Switcher Panel ONLY, 24 source button panel including 1 Power Supply, Source and Keyer Mnemonics, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Redundant Power for Carbonite 2S Panel	2.00000	EA	\$501.24	\$1,002.54

Comm Code	Manufacturer	Specification	Model #
43221701		Please note that this part number has been retired by the Manufacturer	DVG is quoting part number CB2S-Panel This part number PSU-12V16A-6PIN provides the same equipment specification and configuration as the old part number

**Extended Description :**

Part # C2S-Panel-REDPSU-EXT, Redundant Power for Carbonite 2S Panel, additional PSU External Brick type power supply for load sharing redundancy, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	8 input card	15.00000	EA	\$501.66	\$7,524.90

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-13G, 8 input card option that provides support for 8 additional video inputs, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	16 input connector (1 for 2 input cards)	7.00000	EA	\$270.12	\$ 1,890.84

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-13G-RC, 16 input connector (1 for 2 input cards) or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	8 output card	6.00000	EA	\$926.13	\$5,556.78

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-O3G, 8 output card, for 8 additional video outputs, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	16 output connector (1 for 2 output cards)	3.00000	EA	\$270.12	\$810.63

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-NK-03G-RC, 16 output connector 9 1 for 2 output cards) or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	Carbonite Extreme Second Switcher Upgrade	1.00000	EA	\$19,290.40	\$19,290.40

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # CF-EX-2NDSWR-UPG, Carbonite Extreme Second Switcher Upgrade

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	Ethernet Enabled 40 Button and LCD Display Cntrl Panel	1.00000	EA	\$771.00	\$771.00

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # RCP-ME, Ethernet Enabled 40 Button and LCD Display Cntrl Panel or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
11	Ethernet enabled Q series 17 LCD Button Cntrl Panel	1.00000	EA	\$2,005.83	\$2,008.83

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # RCR-QE, Ethernet enabled Q series 17 LCD Button Cntrl Panel, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
12	Carbonite Commissioning-1 day	1.00000	EA	\$3,244.50	\$3,244.50

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

Part # Carbonite-COM-1DAY, Carbonite Commissioning-1 day, travel included, or equal

INVOICE TO		SHIP TO	
CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER	WV25813	CHARLESTON	WV 25301-1223
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
13	Carbonite Operations Training-1 Day	1.00000	EA	\$3,244.50	\$3,244.50

Please note that line item 13 requests a different quantity of training than is requested on the submitted Pricing page.

<b>Comm Code</b>	<b>Manufacturer</b>	<b>Specification</b>	<b>Model #</b>
43221701			

**Extended Description :**

Part # CARBONITE-OTR-1DAY,Carbonite Operations Training-1 Day travel included, or equal

**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions Due	2015-09-28

<b>EBA160000001</b>	<b>Document Phase</b> Final	<b>Document Description</b> Ross Carbonite 2s 2 M/E TV Pro d Swtcher	<b>Page 8</b> <b>of 8</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions