

MODZEA

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

EBA250

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF:

SHELLY MURRAY 304-558-8801

*521081036 240-506-0605 DIGITAL VIDEO GROUP INC 8529 MEADOWBRIDGE RD # 100 MECHANICSVILLE VA 23116-150

SH-PT

191 SCOTT AVENUE

MORGANTOWN, WV

26505

WNPB-TV

293-6511

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GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30
- 5. Payment may only be made after the delivery and acceptance of goods or services
- 6. Interest may be paid for late payment in accordance with the West Virginia Code.
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6)



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VENDOR HOOK

*521081036

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

DIGITAL VIDEO GROUP INC

8529 MEADOWBRIDGE RD # 100

MECHANICSVILLE VA 23116-150

240-506-0605

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TERMS OF SALE FREIGHT TERMS DATE PRINTED SHIP VIA F.O.B. PIE-PAID NETZO DESTINATION 03/02/2010 SURFACE BID OPENING DATE: OPENING TIME 01:30PM 03/31/2010 UNIT PRICE QUANTITY UOP AMOUNT LINE ITEM NUMBER BUYER: SHELLY MURRAY RFQ. NO.: EBA250 BID OPENING DATE: 03/31/2010 BID OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: CONTACT PERSON (PLEASE PRINT CLEARLY): EBA250 ***** TOTAL: THIS IS THE END OF RFQ SEE REVERSE SIDE FOR TERMS AND CONDITIONS ADDRESS CHANGES TO BE NOTED ABOVE 81.0606512.

EBA250 HD-SDI Digital Video Routing Switchers

The West Virginia Educational Broadcasting Authority (WVEBA) is conducting a Request for Quotations for a total of two HD-SDI (wideband digital multi-rate) Digital Video Routing Switchers with redundant power supplies to integrate into existing Harris/Leitch Integrator Routing Systems already in operation at 2 separate production studios at WNPB-TV, Morgantown, WV. The 32x32 HD-SDI (non reclocking, data rates up to and including 3Gb/s, BNC I/O connectors) routing switchers must seamlessly install into existing Harris/Leitch Routing Controller fabrics with no additional electrical or software conversion or interfacing.

The HD Routing switchers do not connect to the State of West Virginia networking systems, they are for the internal plant use at WNPB-TV and West Virginia Public Broadcasting.

Specifications must be equal to or exceed items listed below

I. Equipment

Qty. Description

2 32x32 Harris Panacea HD-SDI (wideband up to 3Gb/s) Router tub, mounts into a standard 19" rack, BNC input/output connectors, must join in existing Harris/Leitch Router Controller Fabric, Harris #P32x32HSI or equal

FRAME AND SYSTEMS SPECIFICATIONS

Electrical

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1RU

2RU

1RU portable desktop power supply (rear mount AC power supply

module available as an option)

2RU portable desktop power supply (rear mount AC power supply

module available as an option)

Desktop Power Supply

47-63 Hz, 70 W

AC: 100-240 VAC

Universal input

DC: -36 to -72 VDC

47-63 Hz, 130 W AC: 100 – 240 VAC

DC: -36 to -72 VDC

Output:

15 VDC

Total Power

1RU 70 W

2RU 105 W

 $41^{\circ} F - 104^{\circ} F (5^{\circ} - 40^{\circ} C)$ Performance Temperature $32^{\circ} F - 122^{\circ} F (0^{\circ} - 50^{\circ} C)$ Operating Temperature

Mechanical

19 in. x 5.25 in. x 1.75 in. Size $(48.3 \text{ cm} \times 13.3 \text{ cm} \times 44 \text{ cm})$ 1RU 19 in. x 5.25 in. x 3.5 in. 2RU (48.3 cm x 13.3 cm x 88 cm

Weight (fully loaded):

5 lb (2.3 kg) 1RU 7 lb (3.2 kg) 2RU

Indicators:

Power/alarm LED Standard Resource Module Power/alarm LED Enhanced Resource Module

Data LED

Cooling (only in HD and analog

audio)

Forced air/convection

Input/Output Signals

DB-9 pin connector RS-232/RS-422 Serial

Communication

Leitch 3-pin connector Alarm/Comm Port

75 ohms BNC X-Y (coaxial communication) 75 ohms BNC Sync

RJ-45 Ethernet

SDI, HD-SDI SPECIFICATIONS

Inputs

Number of Inputs 8, 16, or 32

75W BNC per IEC 169-8 Connector

SMPTE 259M, SMPTE 344M, and SMPTE 292M signal formats Signal Type

(HS only) Frequency limited - 3 072 Mb/s to 3 Gb/s

 $800 \text{ mVp-p} \pm 10\%$ Normal Input Level

1200 mV Maximum Input Level

> -20 dB (5 MHz to 540 MHz)Return Loss

> -18 dB (540 MHz to 1.485 GHz)

Auto Equalization

> 1100 ft (335 m) Belden 1694A 270 Mb/s

400 ft (122 m) Belden 1694A 1.485 Gb/s (HS only)

Outputs

1, 4, 16, or 32 Number of Outputs

75 ohms BNC per IEC 169-8 Connector

Signal Type

SMPTE 259M, SMPTE 344M, and SMPTE 292M signal formats

Reclocking

Automatic for all SMPTE-defined data rates pass-thru for all

nonstandard clock rates

Return Loss

-20 dB (5 MHz to 540 MHz)

> -18 dB (540 MHz to 1.485 GHz)

> 12dB, to 3.0G

Jitter

< 0.2 UI @ frequency tested

Output Amplitude
Rise and Fall Time

 $800 \text{ mVp-v} \pm 10\%$

270 Mb/s

400 — 1500 ps

1.485 Gb/s (HS only)

< 270 ps < 135ps

3 Gb/s (HS only)

< 10% of amplitude

Overshoot

Performance

DC Offset

 0 ± 0.5 V

Power Consumption

16x16

=25W

32x32

=50W

Propagation Delay

< 4.5nS P16xn S (270 Mb/s) < 13nS P16xn SR (270 Mb/s) < 5.5nS P32xn S (270 Mb/s)

< 13.5nS P-2xn SR (270 Mb/s)

Temperature

Performance Temperature

41° F – 104° F (5° – 40° C)

Operating Temperature

32° F – 122° F (0° – 50° C)

Qty. Description

2 Redundant Power Supply to operate Panacea HD-SDI or equal, Harris #P-2RU-PSI or equal

II. Service/Support

Toll free phone technical support must be provided through vendor or manufacturer for a minimum of three years and must be included in the price of the equipment.

III. Warranty

All items must be covered by a no-charge one year minimum, parts and labor warranty.

IV. Invoicing

Send invoice to:

WV Educational Broadcasting Attention Steve Chapman 600 Capitol Street Charleston, WV 25301

V. Delivery

Delivery shall be FOB destination.

Delivery address is:

WV Public Broadcasting, Attention Chris Vincent 191 Scott Ave Morgantown, WV 26508-8802

Pricing Page EBA 250 HD-SDI Routing Switchers

Qty.	Description	Unit Extended Price
2	32x32 HD-SDI Panacea (3Gbs, BNC) router tub, Harris #P32x32HSI or equal	\$ 15,742° \$ 31,48400
2	Redundant Power Supply for above, Harris #P-2RU-PSI or equal	\$ 38100 \$ 76200

TOTAL

** Price is to be all inclusive.

Signature of Vendor Representative

Rev 09/08

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37 (Does not apply to construction contracts) **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable

1.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.	Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years
requirer against	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency cted from any unpaid balance on the contract or purchase order.
authoriz the requ	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid tired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
and acc	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate is during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder:	DIGITAL VIDEO GROVP INC. Signed: LEMAB TROMER
Date:	3/17/2010 Title: POVORDONT SAUS
"Check a	ny combination of preference consideration(s) indicated above which you are entitled to receive

Purchasing Affidavit (Revised 12/15/09)

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law, or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities "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 exceed five percent of the total contract amount

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Digital Video Group Inc	
Authorized Signature: AMOBITION A	_Date: 3/23/2010
State of Virginia	
County of HANOJEA, to-wit:	
Taken, subscribed, and sworn to before me this 23 day ofMALLIH	, 20 <u>1</u> o
My Commission expires Octo 851 31 , 20 13	\cap
AFFIX SEAL HERE NOTARY PUBLIC	Je H Hill
OFFICIAL SEAL HOTARY PUBLIC-COMMONWALTH OF VIRGINIA JOHN H HILL III COUNTY OF HANOVER ID# 359547 My Commission Expires	
October 31, 2013	Purchasing Affidavit (Revised 12