



Purchasing Division  
 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:

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:**  
 ORIGIN ID:NDVA (703) 550-5800  
 PATRICK CULLIGAN  
 COMMUNICATIONS ENGINEERING INC  
 8500 CINDER BED ROAD  
 SUITE 100  
 NEWINGTON, VA 22122  
 UNITED STATES US

10/02/15 14:23:03  
 WV Purchasing Division

**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

**ADDITIONAL INFORMATION**

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 ourput 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		

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

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		

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		

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

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		

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

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		

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		

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		

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		

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		BILL 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		

Comm Code	Manufacturer	Specification	Model #
43221701			

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

INVOICE TO		BILL 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		

Comm Code	Manufacturer	Specification	Model #
43221701			

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

<b>INVOICE TO</b> CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD  BEAVER WV25813  US		<b>SHIP TO</b> PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST  CHARLESTON WV 25301-1223  US	
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
11	Ethernet enabled Q series 17 LCD Button Cntrl Panel	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43221701			

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

<b>INVOICE TO</b> CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD  BEAVER WV25813  US		<b>SHIP TO</b> PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST  CHARLESTON WV 25301-1223  US	
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
12	Carbonite Commissioning-1 day	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43221701			

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

<b>INVOICE TO</b> CHIEF FINANCIAL OFFICER EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD  BEAVER WV25813  US		<b>SHIP TO</b> PURCHASING ADMINISTRATOR EDUCATIONAL BROADCASTING 600 CAPITOL ST  CHARLESTON WV 25301-1223  US	
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
13	Carbonite Operations Training-1 Day	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43221701			

**Extended Description :**

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

**POINTE OF EVENTS**

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

## INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.
2. **MANDATORY TERMS:** The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.
3. **PREBID MEETING:** The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening.

A NON-MANDATORY PRE-BID meeting will be held at the following place and time:

A MANDATORY PRE-BID meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.



All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. **VENDOR QUESTION DEADLINE:** Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding. Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: Monday, September 28, 2015

Submit Questions to: Stephanie Gale  
2019 Washington Street, East  
Charleston, WV 25305  
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)  
Email: stephanie.l.gale@wv.gov

5. **VERBAL COMMUNICATION:** Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.
6. **BID SUBMISSION:** All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile. The bid delivery address is:

Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

**SEALED BID:**

**BUYER:** Stephanie Gale

**SOLICITATION NO.:** CRFQ EBA1600000001

**BID OPENING DATE:** Tuesday, October 6, 2015

**BID OPENING TIME:** 1:30pm

**FAX NUMBER:** 304-558-3970

In the event that Vendor is responding to a request for proposal, and chooses to respond in a manner other than by electronic submission through wvOASIS, the Vendor shall submit one original technical and one original cost proposal plus N/A convenience copies of each to the Purchasing Division at the address shown above. Additionally, if Vendor does not submit its bid through wvOASIS, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

**BID TYPE:** (This only applies to CRFP)

Technical

Cost

7. **BID OPENING:** Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: Tuesday, October 6, 2015 @ 1:30pm

Bid Opening Location: Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

8. **ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.
10. **ALTERNATES:** Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.
11. **EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.
12. **COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.
13. **REGISTRATION:** Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.
14. **UNIT PRICE:** Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.
15. **PREFERENCE:** Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.
16. **SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:** For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the

same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

- 17. WAIVER OF MINOR IRREGULARITIES:** The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.
- 18. ELECTRONIC FILE ACCESS RESTRICTIONS:** Vendor must ensure that its submission in wvOASIS can be accessed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately opened and/or viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening if those documents are required with the bid.

## GENERAL TERMS AND CONDITIONS:

1. **CONTRACTUAL AGREEMENT:** Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.
  
2. **DEFINITIONS:** As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.
  - 2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.
  - 2.2. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.
  - 2.3. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.
  - 2.4. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.
  - 2.5. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.
  - 2.6. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.7. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.
  - 2.8. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. **CONTRACT TERM; RENEWAL; EXTENSION:** The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

**Term Contract.**

**Initial Contract Term:** This Contract becomes effective on \_\_\_\_\_ and extends for a period of \_\_\_\_\_ year(s).

**Renewal Term:** This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to \_\_\_\_\_ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed \_\_\_\_\_ months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

**Delivery Order Limitations:** In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

**Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within \_\_\_\_\_ days.

**Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within \_\_\_\_\_ days. Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional \_\_\_\_\_ successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed \_\_\_\_\_ months in total. Automatic renewal of this Contract is prohibited.

**One Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

**Other:** See attached.

4. **NOTICE TO PROCEED:** Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.
5. **QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.
- Open End Contract:** Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.
- Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.
- Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.
- One Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.
6. **PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.
7. **EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.
8. **REQUIRED DOCUMENTS:** All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

**BID BOND:** All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

**PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of \_\_\_\_\_. The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

**LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

**MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

**INSURANCE:** The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:

**Commercial General Liability Insurance:** In the amount of \_\_\_\_\_ or more.

**Builders Risk Insurance:** In an amount equal to 100% of the amount of the Contract.



The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

**LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

**9. WORKERS' COMPENSATION INSURANCE:** The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

**10. LITIGATION BOND:** The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.

**11. LIQUIDATED DAMAGES:** Vendor shall pay liquidated damages in the amount of \_\_\_\_\_  
for \_\_\_\_\_.

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

- 12. ACCEPTANCE/REJECTION:** The State may accept or reject any bid in whole, or in part. Vendor's signature on its bid signifies acceptance of the terms and conditions contained in the Solicitation and Vendor agrees to be bound by the terms of the Contract, as reflected in the Award Document, upon receipt.
- 13. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.
- 14. PAYMENT:** Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.
- 15. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 16. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-7.16.2.
- 17. TIME:** Time is of the essence with regard to all matters of time and performance in this Contract.
- 18. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.
- 19. COMPLIANCE:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable law.
- 20. PREVAILING WAGE:** Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.

- 21. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.
- 22. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary, no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). No Change shall be implemented by the Vendor until such time as the Vendor receives an approved written change order from the Purchasing Division.
- 23. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.
- 24. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.
- 25. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.
- 26. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.
- 27. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.
- 28. BANKRUPTCY:** In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.
- 29. CONFIDENTIALITY:** The Vendor agrees that it 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/default.html>.

- 30. DISCLOSURE:** Vendor's response to the Solicitation and the resulting Contract are considered public documents and will be disclosed to the public in accordance with the laws, rules, and policies governing the West Virginia Purchasing Division. Those laws include, but are not limited to, the Freedom of Information Act found in West Virginia Code §§ 29B-1-1 et seq. and the competitive bidding laws found West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq.

If a Vendor considers any part of its bid to be exempt from public disclosure, Vendor must so indicate by specifically identifying the exempt information, identifying the exemption that applies, providing a detailed justification for the exemption, segregating the exempt information from the general bid information, and submitting the exempt information as part of its bid but in a segregated and clearly identifiable format. Failure to comply with the foregoing requirements will result in public disclosure of the Vendor's bid without further notice. A Vendor's act of marking all or nearly all of its bid as exempt is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor's act of marking a bid or any part thereof as "confidential" or "proprietary" is not sufficient to avoid disclosure and WILL NOT BE HONORED. A legend or other statement indicating that all or substantially all of the bid is exempt from disclosure is not sufficient to avoid disclosure and WILL NOT BE HONORED. Additionally, pricing or cost information will not be considered exempt from disclosure and requests to withhold publication of pricing or cost information WILL NOT BE HONORED.

Vendor will be required to defend any claimed exemption for nondisclosure in the event of an administrative or judicial challenge to the State's nondisclosure. Vendor must indemnify the State for any costs incurred related to any exemptions claimed by Vendor. Any questions regarding the applicability of the various public records laws should be addressed to your own legal counsel prior to bid submission.

- 31. LICENSING:** In accordance with West Virginia Code of State Rules §148-1-6.1.7, Vendor 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, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.
- 32. ANTITRUST:** In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to 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 Vendor.

**33. VENDOR CERTIFICATIONS:** By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein. Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

**34. PURCHASING CARD ACCEPTANCE:** The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

**35. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing. Vendor shall hold harmless the State, and shall provide the State and Agency with a defense

against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

- 36. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.
- 37. PURCHASING AFFIDAVIT:** In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.
- 38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE:** This Contract may be utilized by and extends to other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). This Contract shall be extended to the aforementioned Other Government Entities on the same prices, terms, and conditions as those offered and agreed to in this Contract. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.
- 39. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.
- 40. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:
- Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

- Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at [purchasing.requisitions@wv.gov](mailto:purchasing.requisitions@wv.gov).

**41. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision.

The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

**42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS:** Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater.

For the purposes of this section, the cost is the value of the steel product as delivered to the project; or

- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

**43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL:** In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products.

This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.


All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.



**CERTIFICATION AND SIGNATURE PAGE**

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

CEI Subs, LLC  
(Company)

 Patrick Culligan, Account Manager  
(Authorized Signature) (Representative Name, Title)

703-550-5800 / 703-550-5180 / 9/30/15  
(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM  
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received: *\*No addenda received as of 9/30/15. Any addenda received prior to bid opening date will be acknowledged via email.\**  
(Check the box next to each addendum received)

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

CEI Sales, LLC  
Company

*[Signature]*  
Authorized Signature

9/30/15  
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION  
CRFQ EBA160000001 - 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.

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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 Ratio</u></b>	<b><u>Total Lines (per Frame)</u></b>	<b><u>Active Pixels</u></b>	<b><u>Active 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.

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CRFQ EBA1600000001 - Ross Carbonite 2 S M/E Live Television Production Switcher  
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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>11</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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- 3.1.2.2.1** Power supplies shall have redundant AC feeds
- 3.1.2.2.2** Power supplies shall operate on 120 volt AC
- 3.1.2.2.3** If power is interrupted to router, the current operational state shall be retained and restored upon repowering
- 3.1.2.3** Router shall use SDI (Serial Digital Interface)
- 3.1.2.4** Router shall be capable of SDI with embedded audio operation
- 3.1.2.5** Router shall have 64 SDI inputs
  - 3.1.2.5.1** Additional inputs shall be available in assemblies of 8
- 3.1.2.6** Router shall have 64 SDI outputs
  - 3.1.2.6.1** Additional outputs shall be available in assemblies of 8
- 3.1.2.7** Router shall be expandable to 144 SDI inputs and 144 SDI outputs
  - 3.1.2.7.1** Provided power supply system shall support fully populated frame
- 3.1.2.8** Router shall have a minimum of 12 Tally outputs to indicate active camera
- 3.1.2.9** Router shall have a minimum of 32 GPIO (General Purpose Input Output) ports for various control inputs and indicator outputs
- 3.1.2.10** Router shall have and Alarm GPI to signal possible faults
  - 3.1.2.10.1** Alarm shall trigger on the following conditions:
    - 3.1.2.10.1.1** Matrix-
      - 3.1.2.10.1.1.1** Fan Failure
      - 3.1.2.10.1.1.2** Overheat
      - 3.1.2.10.1.1.3** Power Failure
    - 3.1.2.10.1.2** Input/Output Cards
      - 3.1.2.10.1.2.1** Overheat
      - 3.1.2.10.1.2.2** Power Failure
    - 3.1.2.10.1.3** Remote Control Power
      - 3.1.2.10.1.3.1** Fuse
    - 3.1.2.10.1.4** Power Supply Unit (PSU)
      - 3.1.2.10.1.4.1** PSU Failure
      - 3.1.2.10.1.4.2** PSU removed
- 3.1.2.11** Router shall have an integrated Video Switcher as described in [3.3]
  - 3.1.2.11.1** Router shall have the capacity for a second Video Switcher
- 3.1.2.12** Router shall have remote control panels
  - 3.1.2.12.1** Remote control panels shall use standard Cat5 cable
  - 3.1.2.12.2** Vendor shall provide 12 (twelve) remote control panels
    - 3.1.2.12.2.1** Remote panels shall have the ability to control all cross connect points and also be operated in a restricted

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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  
Protocal) 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  
descrete 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 keyers 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 LiveEDL™ 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

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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**

Panel, or equivalent

**3.2.1.2.5 RCP-ME Ethernet Enabled 40 Button & LCD Display Control**

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

programmable

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

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

Panel, or equivalent

**3.2.1.2.9 RCP-QE Ethernet Enabled Q Series 17 LCD Button Control**

**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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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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**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: Claudia Evans  
Telephone Number: 703-550-5800  
Fax Number: 703-550-5180  
Email Address: CEVANS@COMMING.COM

**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	<u>56,691.90</u>	<u>56,691.90</u>
2	1	Redundant Power Supply; eXtreme Frame	<u>2,835.00</u>	<u>2,835.00</u>
3	1	Carbonite, or equal 2S 2 M/E Live Production Switcher Panel ONLY!	<u>13,765.95</u>	<u>13,765.95</u>
4	2	Redundant Power for Carbonite 2S Panel	<u>526.09</u>	<u>1,052.18</u>
5	15	8 input card	<u>526.50</u>	<u>7,897.50</u>
6	7	16 input connector ( 1 for 2 input cards)	<u>283.50</u>	<u>1,984.50</u>
7	6	8 output card	<u>972.00</u>	<u>5,832.00</u>
8	3	16 output connector (1 for 2 output cards)	<u>283.50</u>	<u>850.50</u>

9	1	Carbonite, or equal, Extreme Second Switcher upgrade	<u>20,245.95</u>	<u>20,245.95</u>
10	1	Ethernet Enabled 40 Button & LCD Display Control Panel	<u>809.19</u>	<u>809.19</u>
11	1	Ethernet Enabled Q Series 17 LCD Button Control Panel	<u>2,105.19</u>	<u>2,105.19</u>
12	1	Commissioning, 1 Day	<u>1,445.85</u>	<u>1,445.85</u>
13	1	Commissioning Travel Expenses	<u>1,998.00</u>	<u>1,998.00</u>
14	2	CARBONITE, or equal 1 Day Operations Training	<u>1,445.85</u>	<u>2,891.70</u>

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

15            1    Operations Training Travel Expenses 2,322.00 2,322.00

**TOTAL COST**

122,727.41

  
**Signature of Vendor**

9/30/15  
**DATE**

Company Name CEI Subs, LLC

Address 8500 Cinder Bed Rd, Suite 100

Newington, VA 22122

Phone 703-550-5800

Fax 703-550-5180

Email pculligan@commeng.com

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 Vendor Preference, if applicable.

1. **Application is made for 2.5% 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% 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% 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% 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% 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% 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.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.**  
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: CEI Sales, LLC

Signed: 

Date: 9/30/15

Title: Account Manager

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: CEI Sales, LLC

Authorized Signature: [Signature] Date: 9/30/15

State of Virginia

County of Fairfax, to-wit:

Taken, subscribed, and sworn to before me this 30 day of September, 2015.

My Commission expires May 31, 2016.

**AFFIX SEAL HERE**

**NOTARY PUBLIC** Shalleigh Chemin Martello

*Purchasing Affidavit (Revised 07/01/2012)*

