BID REQUEST NO.: 19-4005-HR-C
TITLE: Control Room Equipment Upgrade
ISSUE DATE: April 5, 2019

STRATEGIC SOURCING SPECIALIST: Heather Reed
PHONE NO.: (573) 882-9778
E-MAIL: ReedHR@umsystem.edu

RETURN BID NO LATER THAN: APRIL 19, 2019 AT 2:00 PM CENTRAL TIME
RETURN INSTRUCTIONS: Print or type Bid Request No. and Return Due Date on the lower left hand corner of the envelope or package. Delivered sealed bids must be in UM System Supply Chain Office (2910 LeMone Industrial Blvd) by the return date and time.

RETURN BID TO: UM System Supply Chain
2910 LeMone Industrial Blvd
Columbia, MO 65201

You are invited to submit bids on the items or services specified. All bids must be made on this form and shall be subject to the terms and conditions on the reverse side hereof for furnishing items or services of the description listed below. All deliveries shall be made FOB DESTINATION with freight charges fully included and prepaid. The seller pays and bears the freight charges.

In compliance with this bid request and subject to all of the terms and conditions thereon, bidder offers and agrees to furnish or deliver the items or perform the services upon which prices are quoted herein, such items or services to be provided within the number of days indicated after receipt by bidder of University Purchase Order. Only cash discounts having a period of thirty (30) days or more will be taken into account in determining the lowest bid. Discount time is compiled from day of delivery and acceptance of items or services or receipt of correct invoice, whichever is later.

The bidder further agrees that the language of this bid document shall govern in the event of a conflict with his/her bid. The bidder further agrees that upon receipt of an authorized purchase order from the University of Missouri or when a Notice of Award is signed and issued by an authorized official of the University of Missouri, a binding contract shall exist between the bidder and The Curators of the University of Missouri.

SIGNATURE REQUIRED

<table>
<thead>
<tr>
<th>DOING BUSINESS AS (DBA) NAME</th>
<th>LEGAL NAME OF ENTITY/INDIVIDUAL FILED WITH IRS FOR THIS TAX ID NO.</th>
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<tr>
<td>Mailing Address</td>
<td>IRS FORM 1099 MAILING ADDRESS</td>
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<tr>
<td>City, State, Zip Code</td>
<td>City, State, Zip Code</td>
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<tr>
<td>Contact Person</td>
<td>Email Address</td>
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<td>Phone Number</td>
<td>Fax Number</td>
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<td>Taxpayer ID Number (TIN)</td>
<td>Taxpayer ID (TIN) Type (Check One)</td>
</tr>
<tr>
<td>[ FEIN ] [ SSN ]</td>
<td>Vendor Number (If Known)</td>
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<tr>
<td>Vendor Tax Filing Type with IRS (Check One)</td>
<td>(Note: LLC is not a valid tax filing type.)</td>
</tr>
<tr>
<td>[ Corporation ] [ Individual ] [ State/Local Government ] [ Partnership ] [ Sole Proprietor ] [ Other ]</td>
<td></td>
</tr>
<tr>
<td>Authorized Signature</td>
<td>Date</td>
</tr>
<tr>
<td>Printed Name</td>
<td>Title</td>
</tr>
</tbody>
</table>
This Bid Request and Bid is made upon and subject to the following conditions, all of which are accepted by bidder. Upon acceptance by University, this Bid Request and Bid and the University Purchase Order issued thereon shall constitute the contract for furnishing the items described in the bid in strict conformity with the contract instruments.

1. No oral explanation in regard to the meaning of the specifications will be made, and no oral interpretation will be given before the award of the contract. If any person contemplating submitting a bid for this contract is in doubt as to the true meaning of any part of the specifications or any other proposed contract documents, he may submit to the University a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made by addendum duly issued or delivered to each person receiving a set of such documents. The University will not be responsible for any other explanation or interpretations of the proposed documents.

2. The University reserves the right to reject any and all bids and to waive any irregularity in bids.

3. Whenever the name of a manufacturer or vendor is mentioned on the face hereon and words "or equal" do not follow, it shall be deemed that the words "or equal" shall follow such designation unless the context specifies "no substitution". University assumes that items bid as equal are equal. University reserves the right to return at the bidder's expense all items that are furnished which are not acceptable as equals to items specified by the Bid Request and Specifications, and vendor agrees to replace such items with satisfactory items at the original bid price.

4. All items bid shall be new unless otherwise specified by the University.

5. Bidder agrees to unconditionally guarantee all items bid upon against defects in material and workmanship for a period of two years from the date of acceptance by the University unless otherwise specified.

6. Unless it is so noted on the bid it will be deemed that the article furnished is that designated. If the vendor proposes to furnish an item of a different manufacturer or vendor other than the one specified on the face hereof, the manufacturer or vendor of the substituted items shall be noted and complete descriptive literature describing the items to be substituted must accompany the bid.

7. Materials and services furnished the University are not subject to either Federal Excise Taxes or the Missouri Sales Tax. Exemption certificates will be furnished on request.

8. Prices quoted are to be firm and final and prices shall be stated in units of quantity specified with packing and drayage charges included.

9. Shipments shall be marked as directed on the Purchase Order.

10. C.O.D. shipments will not be accepted. All shipping charges must be PREPAID. No packing or drayage charges will be allowed.

11. The University will not be responsible for articles or services furnished without a Purchase Order.

12. Risk of loss or damage to the goods prior to the time of their receipt and acceptance by the University is upon the vendor.

13. All invoices and correspondence shall show the Purchase Order Number. All invoices must be rendered in duplicate and contain full descriptive information on items or service furnished. Separate invoices shall be rendered for each order and forwarded to the University.

14. Vendor agrees to defend, protect and save the University harmless from all claims and actions arising out of patent infringement.

15. University reserves the right to cancel all or any part of orders if shipment is not made as promised. Vendor shall notify the University if shipment cannot be made as promised. Time of proposed delivery must be stated in definite terms in the space provided.

16. The bidder hereby guarantees that no article listed herein is adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act or an article which may not, under the provisions of Federal Law, be introduced into interstate commerce.

17. Samples, when required, are to be furnished prior to the date specified for receipt of bids.

18. In case of any doubt or difference of opinion as to the items to be furnished hereunder or the quality thereof, the decision of the UM Chief Procurement Officer shall be final and binding upon both parties.

19. The University reserves the right to award an order to the lowest aggregate bidder for all items or on an item basis, or a group of like items, whichever is found to be in the best interest of the University. If a split award is not acceptable to a bidder, it must be stated in the bid response.

20. In awarding the contract, the University may take into consideration the skill, facilities, capacity, experience, ability, responsibility, previous work, the financial standing of the bidder or bidders; the amount of other work being carried on by the bidder; the quality, efficiency and construction of the equipment proposed to be furnished; the period of time within which the equipment is to be furnished and delivered; and the necessity of prompt delivery of the items herein described. The inability of any bidder to meet the requirement mentioned above may be cause for rejection of his bid.

21. In the event that time and materials are a portion of this bid, the University reserves the right to audit vendor's records concerning this bid.

22. All items or services to be furnished hereunder shall meet all applicable State and Federal requirements of the Occupational Safety and Health Standard. All alleged violations and deviations from said State and Federal regulations or standards of the items of services to be furnished hereunder, must be set forth on the Bid Form at the time of submission of the bid. Or if at any later date the items or services contained herein shall not meet all applicable state and federal requirements after the bidder is awarded the contract hereunder the bidder must notify the Campus Purchasing Manager, immediately by certified mail, return receipt requested.

23. The University serves from time to time as contractor for the United States Government. Accordingly, the provider of goods and/or services shall comply with federal laws, rules, and regulations applicable to subcontractors of government contracts including those relating to equal employment opportunity and affirmative action in the employment of minorities (Executive Order 11246), women (Executive Order 11375), persons with disabilities (29 USC 706 and Executive Order 11758), and certain veterans (38 USC 4212 formerly [2012]) contracting with business concerns with small disadvantaged business concerns (Publication L. 95-507). Contract clauses required by the Government in such circumstances are incorporated herein by reference.

24. The Curators of the University of Missouri have adopted a policy which is binding upon all employees and departments of the University, and which by contract shall be binding upon independent contractors and subcontractors with the University, whereby all other things being equal, and when the same can be secured without additional cost over foreign products, or products of other states, a preference shall be granted in all construction, repair and purchase contracts, to all products, commodities, materials, supplies and articles mined, grown, produced and manufactured in marketable quantity in the State of Missouri and to all firms, corporations or individuals doing business as Missouri, firms, corporations, or individuals. By virtue of the foregoing policy, preferences will be given to materials, products, supplies, or provisions, and all other articles produced, manufactured, mined or grown within the State of Missouri, and to all firms, corporations or individuals doing business as Missouri firms, corporations or individuals. Each bidder submitting a proposal agrees to comply with and be bound by the foregoing policy.
The University of Missouri Athletic Department is requesting bids for the furnishing and delivery of Control Room Equipment as described herein.

AWARD:

Award shall be made on a per manufacturer basis or to the lowest total bidder combined, whichever is in the best interest of the University, as solely determined by the University.

DELIVERY:

All items shall be delivered FOB Destination to the follow address with all freight charges thereto fully included and prepaid. The seller bears and pays the freight charges. There is a loading dock and lift gate at the location below.

Mizzou Arena
1 Champions Drive
Suite 200
Columbia, MO 65211

Time is of the essence and delivery date may be taken in to consideration during the award process. All equipment and supplies must be delivered by no later than June 10, 2019. The bidder shall indicate below how many calendar days after placement of the order delivery will be made.

__________________ calendar days

SUBSTITUTIONS:

No substitutions shall be accepted for any of the equipment listed in this bid.

WARRANTY:

Bidders shall provide warranty information for all equipment identified in the bid listing below with their bid, unless warranty expectations are stated in a particular line item description.

INVOICES:

All invoices must be sent to the following person:

Sue Hamilton
hamiltons@missouri.edu
1 Champions Drive
Suite 200
Columbia, MO 65211
PAYMENT:

Preferred settlement method is through the use of Electronic Accounts Payable solutions. Payment terms associated with these forms of payment will be issued as net 30 after the date of invoice. Payment terms associated with settlement by check will be considered to be net 30 days. Cash discounts for prompt payment may be offered but they will not be considered in determination of award unless specifically stated in the Detailed Specifications and Special Conditions. The University may withhold payment or make such deductions as may be necessary to protect the University from loss or damage on account of defective work, claims, damages, or to pay for repair or correction of equipment or supplies furnished hereunder. Payment may not be made until satisfactory delivery and acceptance by the University and receipt of correct invoice have occurred.

The University encourages suppliers to opt into its Single-Use Account (SUA) credit card program for payment of invoices. The SUA is an electronic, credit card-based payment solution that acts like a check. It provides a single 16-digit virtual account number for each payment. Similar to a check, the credit limit on each SUA is set to the specific payment amount. Payment terms for Suppliers who participate in the SUA program are Net 0 as opposed to the standard Net 30 terms.

PRICING:

The price below must include all costs as stated in the specifications. Bidders shall submit firm fixed prices without caveats, conditions, qualifications, or substitutions. The successful Contractor will invoice and the University will pay only the amount offered in this bid. Surcharges, fees or any additional costs not covered in this bid are deemed non-applicable and will not be paid. In the event of a discrepancy between the unit price quoted on the attached sheets and the total cost, the unit price shall govern.

Evertz DreamCatcher

Must have: DreamCatcher system configured for 12 x 720p (HD) inputs and 8 x 720p (HD) outputs with four (4) control panels.

Must have 8 hours of record time per channel.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Qty</th>
<th>Part Number</th>
<th>Description</th>
<th>Unit Price</th>
<th>Extended Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>DC-IO</td>
<td>Dreamcatcher J2K/SDI I/O card, 12x 10G SFP cages. (SFP+ sold separately). DC-IO-APP-XX must be purchased separately to enable functionality on card.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>DC-IO-APP-121-SDI</td>
<td>DC-IO APP supporting 12 conversions from SDI to J2K</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>SFP10G-TR13-A</td>
<td>SFP+ optical transceiver, 10Gbs, 1310nm DFB, SMF, 10km</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>570FR+57PS</td>
<td>Compact High-Density Distribution Frame, includes main and redundant power supplies.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>570FC</td>
<td>VistaLINK frame controller for 570FR</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dreamcatcher 3RU High Bit Rate, I-Frame IP Capture Node with 6.4TB Primary Storage, 960GB Secondary Storage, 12x Captures in HD/3G, 3x Captures on UHD-HDR, 4x 10G, 2x 1G, 4x USB3.0, 2x USB2.0. Integrated Transcoding Engine supporting DNxHD, ProRes, AVC Intra, MPEG2i, J2K, H.264, DVCPro, XDCAM50, XAVC. 3x Redundant Power Supplies.</td>
<td></td>
<td>$</td>
</tr>
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<td>---</td>
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<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>DC-SFP10G-I-LR</td>
<td>Intel 10G Long Range SFP DreamCatcher (1310nm, SM fiber)</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>DC-PLAYOUT+S</td>
<td>Dreamcatcher Baseband and Streaming Playout Station.</td>
<td></td>
<td>$</td>
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<tr>
<td>9</td>
<td>2</td>
<td>DC-SFP10G-I-LR</td>
<td>Intel 10G Long Range SFP DreamCatcher (1310nm, SM fiber)</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>10</td>
<td>4</td>
<td>DC-RCP-10</td>
<td>Remote Control Panel, w/LCD Screen, J/S Knob, Fader Bar</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>11</td>
<td>1</td>
<td>EMX1-FR+PS</td>
<td>Modular frame that provides platform for system wide functionality. 1RU frame with expandability options. Provides two (2) slots for EMR/EMC modules. Supports one frame controller and redundant power supplies. Includes one power supply. (Frame controller not included). Redundant power supply for EMX1-FR</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>12</td>
<td>1</td>
<td>EMX-FC</td>
<td>Frame controller for EMX frames, provides Ethernet interface for external control and monitoring</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>13</td>
<td>1</td>
<td>3080IPX-16-10G</td>
<td>16 Port, 160Gb/s Packet Switch, SFP+ Modules Not Included</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>14</td>
<td>1</td>
<td>3080IPX-FX-L2</td>
<td>Inband Control</td>
<td></td>
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<tr>
<td>15</td>
<td>1</td>
<td>3080IPX-FK-SRC</td>
<td>Source Discovery</td>
<td></td>
<td>$</td>
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<tr>
<td>16</td>
<td>5</td>
<td>SFP10G-TR13-A</td>
<td>SFP+ optical transceiver, 10Gbs, 1310nm DFB, SMF, 10km</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>
Master Sync Generator for an IP or hybrid facility with GPS included. 6 syncs (NTSC, PAL, HD, subcarrier and Pulses). 4 SD/HD/3G/12G TG outputs. 2 10G Ethernets for NTP, PTP, AVB, PCR and test signals. 2 1G Ethernets for NTP, PTP, AVB, PCR and Vistalink. 1 100MHz Ethernet for Vistalink and NTP. Redundant power supply. Test Generator outputs over 10 GbE Ports, 4 outputs, configurable SD/HD/3G SDI Test/black generators. Includes expansion test module which provides AES & Analog audio test generator, DARS, GPIO, and LTC outputs.

10/100/1000Mbps RJ45 SFP module with SGMII interface

Automatic Changeover for the 5700 Series Master Sync and Clock Generator

1-day commissioning.

Travel, accommodations and other reasonable out of pocket expenses.

Ross Video Carbonite Black 3/ME Switcher with a Carbonite Black 3X 3 M/E Panel

<table>
<thead>
<tr>
<th>Item #</th>
<th>Qty</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>1</td>
<td>CB3X-PANEL</td>
<td>Carbonite Black 3X 3 M/E Panel Carbonite Black 3X Control Panel  • 32 Crosspoint buttons • 3 full ME control rows • Effect Memory keypads for each ME row • Mnemonics for Crosspoint Source and Keyer Source display • 8 Custom Control bank select buttons (provides 256 macro buttons) • Panel Glow – full RGB led buttons • Ethernet rack frame connectivity • Redundant power option</td>
</tr>
</tbody>
</table>
| 24 | 1 | PSU-12V16A-6PIN | **12V 16A PSU with 6 Pin Connector for Redundancy or Spare**  
Used with Carbonite Series Frames, Carbonite and Carbonite Black Panels. | $ | $ |
|---|---|---|---|---|---|
| 25 | 1 | CBF-236PLUS | **Carbonite Black Plus 2 M/E Live Production Switcher with 36 Input and 25 Output Chassis**  
Standard System Includes:  
•36 Inputs & 25 outputs  
•2 Full ME’s with 5 keys each (4 full function + 1 transition keyer for DVE and media transitions), upgradeable to 3 Full MEs  
•4 floating MiniME’s each with 2 Keyers Screen Processing for up to 4 displays/projectors with scaling, bezel compensation and edge blending (via MiniMEs)  
•Multi-Definition support for any of the following formats: 525, 625, 1080i 50/59.94, 720P 50/59.94, 1080pSF 23.98/25/29.97, 1080p29.97, 1080p50/59.94 (Level A), UHD-13840 x 2160p50/60 (via Quad link)  
•5 Head MultiViewer with up to 16 Source Displays each, 45 Layouts with Tally, Label controls and Clock. 2 System MultiViewers and 3 I/O MVs (I/O MVs have access to the 12 Inputs and 4 Outputs that are available on it's FPGA)  
•Robotic Camera Control (VISCA, Canon BU and Ross Cambot)  
•Video Server Control (AMP) with Ross Video Exclusive Roll Clip function  
•Graphics System Control (RossTalk)  
•Audio Mixer Control (Yamaha 01V96 and DM1000)  
•TSL UMD v3.1 Serial Tally | $ | $ |
Protocol Transmit and v3.1
Receive with Bus Messages
•DashBoard Intuitive network menu system
•Custom Control Macros - 256 per Show File
•MediaWipeTM Transitions
•1 Reference Input and 2 Reference Output with Independent H/V Settings
•1 LTC input for use with Ross Video Exclusive LiveEDL and MultiViewer Clocks
•4 Keyers with Luma/Linear/Chroma or DVE Keying abilities per M/E plus 1 Transition keyer per M/E for Animated wipes and DVE transitions
•2 Floating UltraChromeTM Chroma Keyers with Super Fine Keying Quality
•4 Channel Animation Store with Audio - 8 GB of Memory
•Format Scalar and Frame Sync on All 36 Inputs and 12 Outputs (11-22) Including Proc Amp and Colour Correction.
•8 Channel Floating 2D DVE for 2D Picture in Picture Boxes or 2D DVE Transitions
•1 Powerful Pattern Generator and 1 Complex Wash Generator per M/E
•Wipes and Masks with soft edge borders
•25 Outputs: AuxBus, Source Direct, ME PGM/PV/CLN and MultiViewers
•2 AES audio outputs
•100 Event Memory System for each M/E, MiniME and MultiScreen with MemoryAI and Effects Dissolve Recall modes
•FlexiClean assignable Clean Feed output per M/E.
•USB port for storing/loading of switcher configuration, memories, custom controls and media files on external Media Drive
•34 GPIO connections each
|   |   |   | assignable to GPI or GPO function  
|   |   |   | • 34 Tally connections  
|   |   |   | • Serial tally via TSL Tallyman v3.1 protocol  
|   |   |   | • 2RU Chassis  
|   |   |   | • Full 10-Bit Processing in UHD, 3G, HD and SD modes  
|   |   |   | • 4:3/16:9 Switchable in SD  
|   |   |   | • 10 Meter Control Panel Cable  
|   |   |   | • Redundant power option  
|   |   |   | • Comprehensive System Operation and Engineering Manuals  
|   |   |   | • Full 1 Year Transferable Warranty  
|   |   |   | • Free Lifetime Software Updates via Ross Website  
|   |   |   | *LiveCG license  
| 26 | 1 | CBF-ADD-ME3 | Carbonite Black 2 M/E Frame to 3 M/E Frame Upgrade  
|   |   |   | This software option adds a third full 5 keyer M/E to the standard Carbonite Black processing engine.  
|   |   |   | $  
| 27 | 1 | PSU-48V5.9A-4PIN | 48V 5.9A PSU with 4 Pin Connector for Redundancy or Spare  
|   |   |   | Used with Carbonite Black Series Engines  
|   |   |   | $  
| 28 | 1 | XDS0-0001-CPS | XPression LiveCG Software Only License  
|   |   |   | XPression LiveCG Software Only License  
|   |   |   | Limit one copy per CrossOver / Carbonite Production Switcher  
|   |   |   | Includes 1 Copy of XPression Designer  
|   |   |   | Includes RossLinq interface between XPression and the CrossOver / Carbonite Media Store Channels  
|   |   |   | Allows for creation of Single-frame Graphics and Transfer from a PC directly into the Media Store Channels  
|   |   |   | Up to two channels with dedicated alpha can be controlled from the XPression Software Client  
|   |   |   | $  

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<table>
<thead>
<tr>
<th>No.</th>
<th>Qty</th>
<th>Item ID</th>
<th>Description</th>
<th>Price 1</th>
<th>Price 2</th>
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<tr>
<td>29</td>
<td>1</td>
<td>CARBONITE-COM-1 Day</td>
<td>Carbonite Commissioning – 1 Day</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>30</td>
<td>2</td>
<td>CARBONITE-OTR-1DAY</td>
<td>Carbonite Operations Training-1 Day</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>31</td>
<td>1</td>
<td>Expenses</td>
<td>Travel, accommodations and other reasonable out of pocket expenses.</td>
<td>$</td>
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**Ross Video Open Gear and Audio Embedder/De-Embedder Cards**

<table>
<thead>
<tr>
<th>No.</th>
<th>Qty</th>
<th>Item ID</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>1</td>
<td>OGX-FR-CN</td>
<td>openGear OGX Frame with Cooling and Advanced Networking</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Frame for openGear Cards. Modular Rear (I/O Modules not included). Can mix and match any signal types with appropriate Rear Modules. 20 openGear card slots, 1 controller slot, and 1 reference slot. Includes advanced network controller, reference card, cooling system and one PS-OGX 600 watt power supply; redundant supply available.</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>1</td>
<td>PS-OGX</td>
<td>600 Watt Universal Power Supply for OGX Frame</td>
<td>$</td>
</tr>
<tr>
<td>34</td>
<td>8</td>
<td>DMX-8259-A-R2A</td>
<td>3G/HD/SD 8 Channel AES/EBU Demultiplexer 75 Ohm with 10-BNC Rear Module. Demultiplexes 8 AES Channels (16 Discrete Channels) from a</td>
<td>$</td>
</tr>
</tbody>
</table>
|   |   | HD/SD SDI Video Stream Full with audio proc, sum, swap, invert, shuffle, gain, delay, SRC 1 HD/SD SDI Input, 8 Unbalanced AES Out, 1 Processed HD/SD SDI Output. Occupies 2 Slots in an openGear frame  
Includes R2A-8259 Rear Module. Installs in openGear frames. |
|---|---|---|
|   |   | HD/SD 8 Ch. AES/EBU Multiplexer 75 Ohm w/ 10- BNC Rear Module  
HD/SD 8 Channel AES/EBU Multiplexer 75 Ohm with 10- BNC Rear Module Multiplexes 8 AES Channels (16 Discrete Channels) into a HD/SD SDI Video Stream Full with audio proc, sum, swap, invert, shuffle, gain, delay, SRC 1 HD/SD SDI Input, 8 Unbalanced AES In, 1 Processed HD/SD SDI Output. Occupies 2 Slots in an openGear frame  
Includes R2A-8258 Rear Module. Installs in openGear frames. | 35 | 1 | MUX-8258-A-R2A |
ATTACHMENT A
SUPPLIER DIVERSITY PARTICIPATION FORM

The University of Missouri System is committed to and supports supplier diversity because it is essential to the University’s mission and core values. The University’s Supplier Diversity efforts reflect this mission.

Tier 2 Supplier Diversity Information - The University strongly encourages Supplier Diversity participation in all of its contracts for goods and services. Tier 2 Spend is spend reported by primary suppliers of the University of Missouri who subcontract work to, or make purchases from a diverse supplier. Depending upon the contract, primary suppliers will be asked to submit Tier 2 information with Women and Diverse Owned companies. Suppliers have two options in reporting Tier 2 dollars depending on the terms of the contract: Direct and Indirect. Awarded suppliers may be asked to utilize CVM Solutions for reporting Tier 2 spend.

- **Direct dollars** - those dollars directly spent with Women and Diverse Owned suppliers in the fulfillment of the contract.

- **Indirect dollars** - based on a percentage of revenue the University represents to the supplier. An example is as follows:
  - Supplier's Total Revenues: $10,000,000
  - Revenues from University: $4,000,000
  - University % of Total Revenues: 40% (#2 divided by #1)
  - Total MBE Dollars: $150,000
  - Total WBE Dollars: $150,000
  - Total University Attributable MBE: $60,000 (#3 multiplied by #4)
  - Total University Attributable WBE: $60,000 (#3 multiplied by #5)
  - Total University Attributable MWBE: $120,000 (Sum of #6 and #7)
  - University % Attributable Revenue: 3% (#8 divided by #2)

1. Does your company have a Supplier Diversity Program? If so, describe efforts your company has made to increase business with Women and Diverse Owned businesses (i.e. does your company have a policy statement, participate in outreach activities, promote diverse firm subcontracting, publicize contract opportunities, provide certification assistance, etc.)? Please provide examples (use additional pages if needed): ____________________
   _______________________________________________________________________
   _______________________________________________________________________

2. What percentage of your company's total contracting and procurement spend for the prior year was with Women and Diverse Owned businesses? Are you able to provide this information specific to University of Missouri business? __________________________
   _______________________________________________________________________
   _______________________________________________________________________

3. Complete the following table indicating the percentage your company will subcontract with certified Women and Diverse Owned businesses should your company be the successful bidder. Note: If your company does not plan to use Women and Diverse Owned businesses to fulfill your contract obligations, please explain why not.
<table>
<thead>
<tr>
<th>Supplier Name</th>
<th>% of Contract</th>
<th>Specify Direct or Indirect</th>
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If there are questions regarding supplier diversity at the University, contact Teresa Vest, vestt@umsystem.edu.

--------------------------- THIS FORM MUST BE SUBMITTED WITH THE RESPONSE -------------------

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ATTACHMENT B
SUPPLIER REGISTRATION INFORMATION

Completion of this section is strongly encouraged. Please review and check ALL applicable boxes.

SMALL BUSINESS CONCERN: _____Yes _____No

The term “small business concern” shall mean a business as defined pursuant to Section 3 of the Small Business Act and relevant regulations issued pursuant thereto. Generally, this means a small business concern organized for profit, which is independently owned and operated, is not dominant in the field of operations in which it is bidding. We would consider any firm with 500 employees or less a “small business concern”.

WOMAN OWNED BUSINESS (WBE): _____Yes _____No

A woman owned business is defined as an organization that is 51% owned, controlled and/or managed, by a woman. The determination of WBE status depends solely on ownership and operation and is not related to employment. The firm should be certified by a recognized agency (e.g., state, local, federal, etc.). Please see Public Law 106-554 for more detail.

MINORITY BUSINESS ENTERPRISE (MBE): _____Yes _____No

A minority business is defined as an organization that is 51% owned, controlled and/or managed by minority group members. The determination of minority status depends solely on ownership and operation and is not related to employment. The firm should be certified by a recognized agency (e.g., state, local, federal, etc.). Please see Public Law 95-507 for more detail. Place an X by the appropriate space below.

1. Asian-Indian - A U.S. citizen whose origins are from India, Pakistan and Bangladesh _______ (A)
2. Asian-Pacific - A U.S. citizen whose origins are from Japan, China, Indonesia, Malaysia, Taiwan, Korea, Vietnam, Laos, Cambodia, the Philippines, Thailand, Samoa, Guam, the U.S. Trust Territories of the Pacific or the Northern Marianas. _______ (P)
3. Black - A U.S. citizen having origins in any of the Black racial groups of Africa. _______ (B)
4. Hispanic - A U.S. citizen of true-born Hispanic heritage, from any of the Spanish-speaking areas Mexico, Central America, South America and the Caribbean Basin only. _______ (H)
5. Native American - A person who is an American Indian, Eskimo, Aleut or Native Hawaiian, and regarded as such by the community of which the person claims to be a part. _______ (N)

A Veteran or Service Disabled Veteran business is defined as an organization that is 51% owned, controlled and/or managed by Veterans. The firm should be certified by a recognized agency (e.g., state, local, federal, etc.). Please see Public Law 109-461 for more detail.

VETERAN BUSINESS ENTERPRISE _____Yes _____No

SERVICE DISABLED VETERAN BUSINESS ENTERPRISE _____Yes _____No

MISSOURI FIRM: _____Yes _____No

A Missouri Firm is defined as an organization which has and maintains within the State of Missouri a regular place of business for the transaction of their business.
BUSINESS TYPE:

Manufacturer _____ (M)  
Distributor/Wholesaler _____ (D)  
Manufacturer’s Representative _____ (F)  
Service _____ (S)  
Retail _____ (R)  
Contractor _____ (C)  
Other _____ (O)  

SOLE PROPRIETORSHIP: _____Yes _____No

SUPPLIER’S CERTIFICATION:

The undersigned hereby certifies that the foregoing information is a true and correct statement of the facts and agrees to abide by the laws of the State of Missouri and the rules and regulations of the University of Missouri System now in effect including any subsequent revisions thereof. Supplier acknowledges that it is his/her responsibility to keep the information current by notifying the University of Missouri of any changes.

______________________________________________
Signature of Person Authorized to Sign this Supplier Registration Information Form

Title: _______________________________ Date: ________________