


<p align="center"><b>STATE OF NORTH CAROLINA</b></p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="background-color: #76923c; color: white; padding: 10px; margin-left: 10px; text-align: center;"> <b>make amazing happen</b> </div> </div> <p align="center"><small>GUILFORD TECHNICAL COMMUNITY COLLEGE</small></p>	<b>INVITATION FOR BIDS. 99-JD24020</b>	
	<b>Offers will be publicly opened:</b> May 20, 2025, at 3:00 PM Eastern Time	
	<b>Issue Date:</b> Friday, April 4, 2025	
<b>Refer <u>ALL</u> inquiries regarding this IFB to:</b> Jamie Doom Senior Buyer jedoom@gtcc.edu	<b>Commodity Number:</b> 451118	
	<b>Description:</b> Video and combination video and audio presentation equipment and hardware	
<b>Requisition No.:</b> PR12865015	<b>Using Agency:</b> Guilford Technical Community College	

### **OFFER AND ACCEPTANCE**

The State seeks offers for the goods, software, and/or services described in this solicitation. The State's acceptance of any offer must be demonstrated by execution of the acceptance found below and any subsequent Request for Best and Final Offer, if issued. Acceptance shall create a contract having an order of precedence as follows: In cases of conflict between documents comprising the contract, the order of precedence shall be (1) Best and Final Offers, if any, (2) special terms and conditions specific to this IFB, (3) specifications, (4) Department of Information Technology Terms and Conditions of this IFB, and (5) the agreed portions of the awarded Vendor's offer. **No contract shall be binding on the State until an encumbrance of funds has been made for payment of the sums due under the contract.**

### **EXECUTION**

In compliance with this Invitation for Invitation for Bids, and subject to all the conditions herein, the undersigned offers and agrees to furnish any or all Services or goods upon which prices are offered, at the price(s) offered herein, within the time specified herein. By executing this offer, I certify that this offer is submitted competitively and without collusion.

**Failure to execute/sign offer prior to submittal shall render offer invalid. Late offers are not acceptable.**

OFFEROR:		
STREET ADDRESS:	P.O. BOX:	ZIP:
CITY, STATE & ZIP:	TELEPHONE NUMBER:	TOLL FREE TEL. NO
PRINT NAME & TITLE OF PERSON SIGNING:		FAX NUMBER:
AUTHORIZED SIGNATURE:	DATE:	E-MAIL:

Offer valid for one hundred twenty (120), days from date of offer opening unless otherwise stated here: \_\_\_\_ days

### **ACCEPTANCE OF OFFER**

If any or all parts of this IFB are accepted, an authorized representative of Guilford Technical Community College shall affix their signature hereto. A copy of this acceptance will be forwarded to the successful vendor(s).

<p><b><u>FOR STATE USE ONLY</u></b></p> <p>Offer accepted and contract awarded this ____ day of _____, 20____, as indicated on attached certification,</p> <p>by _____ (Authorized representative of Guilford Technical Community College).</p>
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## **1.0 INTENT, USE, DURATION AND SCOPE**

The purpose of this Invitation for Bid is to procure, install, and integrate audiovisual systems for The Conference Center at Guilford Technical Community College (GTCC). The awarded contractor will be responsible for the end-to-end implementation of the AV systems, including project management, equipment procurement, installation, system configuration, testing, and final documentation. Additionally, the contractor will provide training and support to ensure proper operation and maintenance of the installed systems.

The AV systems will be used to enhance presentations, meetings, and events hosted at The Conference Center, supporting a high-quality and seamless audiovisual experience. The project must be completed within the agreed-upon timeline, with all work meeting specified functional, technical, and quality requirements. Goods and services will be provided in accordance with the terms and conditions of this IFB.

## **2.0 GENERAL INFORMATION**

### **2.1. SITE VISIT**

**Due Date:** Tuesday, April 22, 2025  
**Time:** 10:00 AM Eastern Time

**Instructions:** Prospective Vendors and/or Vendor representatives are URGED and CAUTIONED to visit the site of the project and apprise themselves of all conditions; which will affect the performance of the work required or reasonable implied by this IFB. A non-mandatory site visit is scheduled for **Tuesday, April 22, 2025, at 10:00 AM ET at 7908 Leabourne Rd, Colfax, NC 27235, Classroom 130/131 located on the 1<sup>st</sup> Floor.** All attendees must sign in. This opportunity to visit the site may not be rescheduled unless so authorized by addendum to this IFB. Submission of an offer shall constitute sufficient evidence of this compliance and no allowance will be made for unreported conditions; which a prudent Vendor would recognize as affecting this performance of the work called for in this IFB.

Vendors are cautioned that any information released to attendees during the site visit, other than that involving the physical aspects of the facility referenced above, and which conflicts with, supersedes, or adds to requirements in this IFB, must be confirmed by written addendum before it can be considered to be a part of this offer.

### **2.2. VENDOR QUESTIONS**

All inquiries regarding the solicitation specifications or requirements are to be addressed to the contact person listed on Page One of this solicitation. Vendor contact regarding this Solicitation with anyone other than the contact person listed on Page One of this Solicitation may be grounds for rejection of said Vendor's offer.

Written questions concerning this Solicitation will be received until **Tuesday, April 29, 2025, by 11:59 PM Eastern Time.** They must be submitted to the contact person listed on Page One of this Solicitation via email at [jedoom@gtcc.edu](mailto:jedoom@gtcc.edu). Please enter "Questions Solicitation XXXX" as the subject for the message. Questions should be submitted in the following format:

REFERENCE	VENDOR QUESTION
IFB Section, Page Number	

### **2.3. ADDENDA**

The State may issue addenda if Vendor questions are permitted as described above, or if additional terms, specifications, or other changes are necessary for this procurement. It is important that all Vendors bidding

on this IFB periodically check the NC eVP for any and all Addenda that may be issued prior to the offer opening date. All addenda shall become an Addendum to this IFB.

## **2.4. OFFER SUBMITTAL**

**Due Date: Tuesday, May 20, 2025**  
**Time: 3:00 PM Eastern Time**

**IMPORTANT NOTE:** Vendor shall bear the risk for late submission due to unintended or unanticipated delay—whether submitted electronically, delivered by hand, U.S. Postal Service, courier or other delivery service. **Vendor must include all the pages of this solicitation in their response. It is the Vendor's sole responsibility to ensure its offer has been delivered to this Office by the specified time and date of opening.** Any proposal delivered after the proposal deadline will be rejected.

### **OFFER SUBMISSION DETAILS: ELECTRONIC SUBMITTALS**

**All proposal responses shall be submitted electronically via the electronic Vendor Portal (eVP).** Additional information can be found at the eVP updates for Vendors link: <https://eprocurement.nc.gov/news-events/evp-updates-vendors>.

Sealed offers, subject to the conditions made a part hereof, will be received until 3:00pm Eastern Time on the day of opening and then opened, for furnishing and delivering the commodity as described herein. Offers must be submitted with the Execution page signed and dated by an official authorized to bind the Vendor's firm. Failure to return a signed offer shall result in disqualification.

**Attempts to submit a proposal via facsimile (FAX) machine, telephone or email in response to this IFB shall NOT be accepted.**

- a) All File names should start with the vendor's name first, in order to easily determine all the files to be included as part of the vendor's response. For example, files should be named as follows: Vendor Name-your file name.
- b) File contents **SHALL NOT** be password protected, the file formats must be in .PDF, .jpeg, or .png format, and shall be capable of being copied to other sources.
- c) If the vendor's proposal contains any confidential information (as defined in Attachment B, Paragraph #18), then the vendor must provide one (1) signed, original electronic offer and one (1) redacted electronic copy.

## **2.5. BASIS FOR REJECTION**

Pursuant to 9 NCAC 06B.0401, the State reserves the right to reject any and all offers, in whole or in part; by deeming the offer unsatisfactory as to quality or quantity, delivery, price or service offered; non-compliance with the specifications or intent of this solicitation; lack of competitiveness; error(s) in specifications or indications that revision would be advantageous to the State; cancellation or other changes in the intended project, or other determination that the proposed requirement is no longer needed; limitation or lack of available funds; circumstances that prevent determination of the best offer; or any other determination that rejection would be in the best interest of the State. Vendor contact regarding this IFB with anyone other than **Jamie Doom, Senior Buyer** may be grounds for rejection of said Vendor's offer.

## **2.6. LATE OFFERS**

Regardless of cause, late offers will not be accepted and will automatically be disqualified from further consideration. It shall be the Vendor's sole risk to ensure delivery at the designated office by the designated

time. Late offers will not be opened and may be returned to the Vendor at the expense of the Vendor or destroyed if requested.

## **2.7. NON-RESPONSIVE OFFERS**

Vendor offers will be deemed non-responsive by the State and will be rejected without further consideration or evaluation if statements such as the following are included:

- “This offer does not constitute a binding offer”,
- “This offer will be valid only if this offer is selected as a finalist or in the competitive range”,
- “Vendor does not commit or bind itself to any terms and conditions by this submission”,
- “This document and all associated documents are non-binding and shall be used for discussion purposes only”,
- “This offer will not be binding on either party until incorporated in a definitive agreement signed by authorized representatives of both parties”, or
- A statement of similar intent.

## **2.8. NOTICE TO VENDORS**

**The State objects to and will not be required to evaluate or consider any additional terms and conditions not previously agreed to by the State and submitted with an Offeror’s response. This applies to any language appearing in or attached to the document as part of the Offeror’s response. By execution and delivery of this Invitation for Bids / Request for Quote and response(s), the Offeror agrees that any additional terms and conditions, whether submitted purposely or inadvertently, shall have no force or effect.**

## **2.9. E-PROCUREMENT SOLICITATION**

**This is an E-Procurement solicitation.** See Paragraph #47 of the attached Department of Information Technology Terms and Conditions.

## **2.10. DISTRIBUTORS AND RESELLERS**

“Resellers” as used herein, refers to businesses that routinely sell or distribute Vendor’s Products, and may include “Distributors”, “Value Added Resellers” (VARs), “Original Equipment Manufacturers” (OEMs), Channel Partners, or such other designations. These businesses must be approved by the State prior to placement of any orders. Any contract established will be subject to this solicitation and any resulting Agreement(s), and to the terms and conditions of the State’s competitive bidding process.

The Agency acknowledges that the Reseller has merely purchased the Third-Party Items for resale or license to the Agency, and that the proprietary and intellectual property rights to the Third Party Items are owned by parties other than the Reseller (“Third Parties”). The Agency further acknowledges that except for the payment to the Reseller for the Third-Party Items, all of its rights and obligations with respect thereto flow from and to the Third Parties. The Reseller shall provide the Agency with copies of all documentation and warranties for the Third-Party Items which are provided to the Reseller. The Reseller shall assign all applicable third-party warranties for Deliverables to the Agency.

## **2.11. POSSESSION AND REVIEW**

During the evaluation period and prior to award, possession of the bids and accompanying information is limited to personnel of the issuing agency, and to the committee responsible for participating in the evaluation.

Vendors who attempt to gain this privileged information, or to influence the evaluation process (i.e. assist in evaluation) will be in violation of purchasing rules and their offer will not be further evaluated or considered.

After award of contract the complete bid file will be available to any interested persons with the exception of trade secrets, test information or similar proprietary information as provided by statute and rule. Any proprietary or confidential information, which conforms to exclusions from public records as provided by N.C.G.S. §132-1.2 **must be clearly marked as such in the offer when submitted.**

## **2.12. BEST AND FINAL OFFERS (BAFO)**

The State may establish a competitive range based upon evaluations of offers, and request BAFOs from the Vendor(s) within this range; e.g. "Finalist Vendor(s)". If negotiations or subsequent offers are solicited, the Vendor(s) shall provide BAFO(s) in response. Failure to deliver a BAFO when requested shall disqualify the non-responsive Vendor from further consideration. The State will evaluate BAFO(s), oral presentations, and product demonstrations as part of the Vendors' respective offers to determine the final rankings.

## **2.13. AWARD**

It is the general intent to award this contract to one Vendor. As provided by statute, award will be based on a Best Value, Trade-Off/Ranking Source Selection Method. Evaluation shall include best value, as defined in N.C.G.S. § 143-135.9(a)(1), compliance with information technology project management policies pursuant to N.C.G.S. § 143B-1340, compliance with information technology security standards and policies, substantial conformity with the specifications, and other conditions set forth in the solicitation. The final decision will be determined through narrative analysis and by consensus of the Evaluation Committee, which will assess the strengths and weaknesses of each proposal and provide a justification for why the recommended awardee(s) offer the best value to the State.

A link to the NC Electronic Vendor Portal (eVP) allows the public to retrieve contract award information electronically from the web site: <https://evp.nc.gov/> Results may be found by searching by IFB number or agency name. This information may not be available for several weeks dependent upon the complexity of the acquisition and the length of time to complete the evaluation process.

## **2.14. POINTS OF CONTACT**

Contact by the Offeror with the persons shown below for contractual and technical matters related to this IFB is only permitted if expressly agreed to by the purchasing lead named on page 5, or upon award of contract:

<b>Vendor Contractual Point of Contact</b>	<b>Vendor Technical Point of Contact</b>
[NAME OF VENDOR] Street: [STREET ADDRESS] [CITY, STATE, ZIP] Attn: Assigned Contract Manager	[NAME OF VENDOR] Street: [STREET ADDRESS] [CITY, STATE, ZIP] Attn: Assigned Technical Lead

## **3.0 SPECIFICATIONS**

### **3.1. VENDOR STANDARD AGREEMENT(S)**

The terms and conditions of Vendor's standard services, license, maintenance or other agreement(s) applicable to Services, Goods, Software and other Products acquired under this Agreement may apply to the extent such terms and conditions do not materially change the terms and conditions of this Agreement.

In the event of any conflict between the terms and conditions of this Agreement and the Vendor's standard agreement(s), the terms and conditions of this Agreement relating to audit and records, jurisdiction, choice

of law, the State's electronic procurement application of law or administrative rules, the remedy for intellectual property infringement and the exclusive remedies and limitation of liability in the DIT Terms and Conditions herein shall apply in all cases and supersede any provisions contained in Vendor's relevant standard agreement or any other agreement. The State shall not be obligated under any standard license and/or maintenance or other Vendor agreement(s) to indemnify or hold harmless the Vendor, its licensors, successors or assigns; nor arbitrate any dispute, nor pay late fees, legal fees or other similar costs.

### **3.2. VENDOR UTILIZATION OF WORKERS OUTSIDE U.S.**

In accordance with N.C.G.S. §143B-1361(b), Vendor must detail in the IFB response, the manner in which it intends to utilize resources or workers located outside the U.S. The State of North Carolina will evaluate the additional risks, costs, and other factors associated with such utilization prior to making an award for any such Vendor's offer. The Vendor shall provide the following for any offer or actual utilization or contract performance:

- a) The location of work performed under a state contract by the Vendor, any subcontractors, employees, or other persons performing the contract and whether any of this work will be performed outside the United States.
- b) The corporate structure and location of corporate employees and activities of the Vendors, its affiliates or any other subcontractors.
- c) Notice of the relocation of the Vendor, employees of the Vendor, subcontractors of the Vendor, or other persons performing Services under a state contract outside of the United States.
- d) Any Vendor or subcontractor providing call or contact center Services to the State of North Carolina shall disclose to inbound callers the location from which the call or contact center Services are being provided.

Will any work under this contract be performed outside the United States? ☐ YES ☐ NO

If Vendor answered "YES" above, list the location(s) outside the United States where work under this contract will be performed by Vendor, any sub-contractors, employees, or other persons performing work under the contract.

### **3.3. E-VERIFY**

Pursuant to N.C.G.S. § 143B-1350(k), the State shall not enter into a contract unless the awarded Vendor and each of its subcontractors comply with the E-Verify requirements of N.C.G.S. Chapter 64, Article 2. Vendors are directed to review the foregoing laws. Any awarded Vendor must submit a certification of compliance with E-Verify to the awarding agency, and on a periodic basis thereafter as may be required by the State.

### **3.4. BRAND SPECIFIC PRODUCT \*BARCO, BIAMP SYSTEMS, EXTRON, LISTEN TECHNOLOGIES, QSC, SENNHEISER, AND SONY EQUIPMENT ONLY\***

Manufacturer(s) name and product descriptions used in this solicitation are product specific. The items offered in response to this solicitation must be the manufacturer and type specified. Failure to comply with this requirement will result in rejection of offer.

### **3.5. PRODUCT MAKE AND MODEL \*ALL OTHER EQUIPMENT\***

Manufacturer's name and model/catalog numbers used are for the purpose of identification and to establish quality level desired. Such references are not intended to be restrictive and comparable products



of other manufacturer will be considered. However, Vendors are cautioned that any deviation from specifications must be pointed out in its offer.

### **3.6. DESCRIPTIVE LITERATURE**

All offers shall include specifications and technical literature sufficient to allow the State to determine that the equipment meets all requirements. This technical literature will be the primary source for bid evaluation. If a requirement is not addressed in the technical literature it must be supported by additional documentation and included with the bid. Bid responses without sufficient technical documentation may be rejected.

### **3.7. PRODUCT RECALL**

Vendor assumes full responsibility for prompt notification of both the contract administrator and purchaser of any product recall in accordance with the applicable state and federal regulations.

### **3.8. DELIVERY**

Successful Vendor will complete delivery and installation **120 days** after receipt of purchase order to the following location(s):

**The Conference Center at GTCC  
7908 Leabourne Road  
Colfax, NC 27235**

Installation is to be performed in accordance with the information provided in **Section 8.0 AUDIO VISUAL SCOPE AND SPECIFICATIONS** found on pages 32 through 51.

**For completion by Vendor:** Delivery will be made from \_\_\_\_\_ (city, state) within \_\_\_\_\_ consecutive days after receipt of order. Installation will be made within \_\_\_\_\_ consecutive days after receipt of order.

Delivery shall not be considered to have occurred until installation has been completed. Upon completion of the installation, the Vendor shall remove and properly dispose of all waste and debris from the installation site. Vendor shall be responsible for leaving the installation area clean and ready to use.

If circumstances beyond the control of the contractor result in a late delivery, or installation, it is the responsibility and obligation of the contractor to notify the Purchasing Agent listed on the purchase order, in writing, immediately upon determining delay of shipment. The written notification should indicate the anticipated delivery dated.

### **3.9 SPECIFICATIONS**

Vendor will provide products and services in accordance with Section 8.0 AUDIO VISUAL SCOPE AND SPECIFICATIONS.

#### **4.0 FURNISH AND DELIVER**

The proposed equipment and services listed in the below pricing table was evaluated by The Conference Center which determined the features and performance of the requested system, equipment and services were deemed necessary for instruction.

**Except where identified as \*Brand Specific\*, manufacturer's names and model/catalog numbers used are for the purpose of identification and to establish quality level desired.**

This pricing table is for informational and reference purposes however, **Vendors should use this format for submitting their itemized pricing for equipment and services.** In addition to this pricing table, Vendors should include a separate quote with their IFB submission. It is expected that equipment and services may vary depending on each Vendors proposed system solution. Vendors are requested to offer only comparable equipment which will provide the features and performance to meet the requirements and specifications listed in Section 8.0 AUDIO VISUAL SCOPE AND SPECIFICATIONS.

<u>LINE ITEM #</u>	<u>QTY</u>	<u>UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
1	1	EA	P/N COMCAM570 - Aver 4K Dual Lens Audio Tracking Camera for Medium and Large Rooms		
2	1	EA	P/N R9861611USB1 - Barco Commercial ClickShare C-10 Gen2 - US version with 1 Button		
3	1	EA	P/N TESIRAFORT DAN VT - Biamp Systems Fixed I/O DSP With 12 Analog Inputs, 8 Analog Outputs, 8 Channels Configurable USB Audio, 32 x 32 Channels Of Dante, AEC Technology (all 12 Inputs), 2 Channel VoIP, And Standard FXO Telephone Interface		
4	1	EA	P/N 39110V - DA-LITE 133" Diagonal Da-Snap Series Fixed Frame, High Definition Tv 16:9 Format, HD Progressive 1.1 Surface with Pro-Trim Option		
5	1	EA	P/N 60-1564-02 - EXTRON TLP Pro 725C - 7" Cable Cubby TouchLink Pro Touchpanel		
6	1	EA	P/N 60-1238-96A - EXTRON Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension - 100-Watt 70 V Mono Amp, AV LAN, LL UI Upgrade		
7	1	EA	P/N 60-1797-01 - EXTRON Three Input 4K/60 Collaboration and Presentation Switcher		
8	1	EA	P/N 60-1626-52 - EXTRON Four Input 4K/60 HDMI Switcher with Integrated DTP2 Transmitter		
9	1	EA	P/N EXT3-C-XR-T - Kramer 4K60 4:4:4 USBC Transmitter with USB, Ethernet, RS232, & IR over ExtendedReach HDBaseT 3.0		

10	1	EA	P/N EXT3-POE-XR-R - Kramer 4K60 4:4:4 Receiver with Bidirectional PoE, USB, Ethernet, RS232, & IR over ExtendedReach HDBaseT 3.0		
11	1	EA	P/N SRSR-4-13 - MIDDLE ATLANTIC 4 Slide SRSR, 13 space		
12	1	EA	P/N GSM4230P-100NAS - Netgear 24x1G PoE+ 300W 2x1G and 4xSFP Managed Switch (Americas)		
13	1	EA	P/N VPLPHZ61 - Sony Professional 6400 Lm WUXGA Laser Light Source Projector		
14	2	EA	P/N RK5106 - AVFI Laminate wood 12U Mobile Rack Width: 21.875" Depth: 30" Height: 30"		
15	2	EA	P/N TESIRAFORTE AVB CI - Biamp Systems Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, and AEC technology (all 12 inputs)		
16	1	EA	P/N VOLTERA A 300.2 - Biamp Systems Two-channel, 300-watt analog amplifier		
17	1	EA	P/N 60-1515-93A - EXTRON DTP CrossPoint 84 4K (8 x 4 Seamless 4K Scaling Presentation Matrix Switcher) - 100-Watt 70 V Mono Amp, AV LAN, LL UI Upgrade		
18	4	EA	P/N D2 - MIDDLE ATLANTIC 2SP ANODIZED DRAWER		
19	1	EA	P/N GSM4230P-100NAS - Netgear 24x1G PoE+ 300W 2x1G and 4xSFP Managed Switch (Americas)		
20	2	EA	P/N COM520PR3 - Aver Enterprise Grade Conferencing Camera for Mid-to-Large Rooms		
21	1	EA	P/N R9861611USB1 - Barco Commercial ClickShare C-10 Gen2 - US version with 1 Button		
22	1	EA	P/N TESIRA EX-UBT - Biamp Systems Expander Supports Up To 8 Channels of Configurable USB Audio		
23	2	EA	P/N PARLE TCM-1 WHITE - Biamp Systems AVB Beamtracking Ceiling Microphone, White Pendant		
24	2	EA	P/N PARLE TCM-1EX WHITE - Biamp Systems Expansion AVB Beamtracking Ceiling Microphone, White Pendant		
25	1	EA	P/N 21798LS - DA-LITE ADVANTAGE TNSD 133D HD1.1		

26	1	EA	P/N 60-1566-03 - EXTRON TLP Pro 1025M - 10" Wall Mount TouchLink Pro Touchpanel - White		
27	1	EA	P/N 60-1421-53 - EXTRON DTP T HWP 4K 331 D - Long Distance DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 330 feet (100 m)		
28	1	EA	P/N 60-1797-01 - EXTRON Three Input 4K/60 Collaboration and Presentation Switcher		
29	2	EA	P/N 60-1331-12 - EXTRON DTP HDMI 4K 330 Tx - Long Distance HDMI Twisted Pair Transmitter - 330 feet (100 m)		
30	1	EA	P/N 60-1607-01 - EXTRON DA2 HD 4K PLUS - Two Output 4K/60 HDMI Distribution Amplifier		
31	2	EA	P/N 60-1331-13 - EXTRON DTP HDMI 4K 330 Rx - Long Distance HDMI Twisted Pair Receiver - 330 feet (100 m)		
32	1	EA	P/N 60-1488-01 - EXTRON MediaPort 200 - HDMI and Audio to USB Scaling Bridge		
33	1	EA	P/N VPLPHZ61 - Sony Professional 6400 Lm WUXGA Laser Light Source Projector		
34	1	EA	P/N RCM-UNI - Sound Control		
35	1	EA	P/N RC5-CE - Sound Control Technologies RemoteCam5 series digital PTZ camera extension kit - Camera Interface Module		
36	2	EA	P/N RC5-APA-K - Sound Control Technologies (SCT) Camera extension kit Inclusive of Base Kit + Camera Mount		
37	1	EA	P/N 999-1005-032 - Vaddio USB 3.0 EXTENDER SYSTEM N/A		
38	2	EA	P/N COM520PR3 - Aver Enterprise Grade Conferencing Camera for Mid-to-Large Rooms		
39	1	EA	P/N R9861611USB1 - Barco Commercial ClickShare C-10 Gen2 - US version with 1 Button		
40	2	EA	P/N PARLE TCM-1 WHITE - Biamp Systems AVB Beamtracking Ceiling Microphone, White Pendant		
41	2	EA	P/N PARLE TCM-1EX WHITE - Biamp Systems Expansion AVB Beamtracking Ceiling Microphone, White Pendant		

42	1	EA	P/N TESIRA EX-UBT - Biamp Systems Expander Supports Up To 8 Channels of Configurable USB Audio		
43	1	EA	P/N 21798LS - DA-LITE ADVANTAGE TNSD 133D HD1.1		
44	1	EA	P/N 60-1566-03 - EXTRON TLP Pro 1025M - 10" Wall Mount TouchLink Pro Touchpanel - White		
45	1	EA	P/N 60-1421-53 - EXTRON DTP T HWP 4K 331 D - Long Distance DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 330 feet (100 m)		
46	2	EA	P/N 60-1331-12 - EXTRON DTP HDMI 4K 330 Tx - Long Distance HDMI Twisted Pair Transmitter - 330 feet (100 m)		
47	1	EA	P/N 60-1797-01 - EXTRON Three Input 4K/60 Collaboration and Presentation Switcher		
48	1	EA	P/N 60-1607-01 - EXTRON DA2 HD 4K PLUS - Two Output 4K/60 HDMI Distribution Amplifier		
49	2	EA	P/N 60-1331-13 - EXTRON DTP HDMI 4K 330 Rx - Long Distance HDMI Twisted Pair Receiver - 330 feet (100 m)		
50	1	EA	P/N 60-1488-01 - EXTRON MediaPort 200 - HDMI and Audio to USB Scaling Bridge		
51	1	EA	P/N RC-RK2 - SCT Rack shelf for RemoteCam2, RemoteCam2-Director, RemoteCam3, RemoteCam3X or distribution amplifier module		
52	1	EA	P/N VPLPHZ61 - Sony Professional 6400 Lm WUXGA Laser Light Source Projector		
53	1	EA	P/N RCM-UNI - Sound Control		
54	1	EA	P/N 999-1005-032 - Vaddio USB 3.0 EXTENDER SYSTEM N/A		
55	1	EA	P/N GRB-4U - Gator Cases 4U Rack Bag with Nylon-covered 9mm Plywood Rack Frame and Exterior Accessory Pocket		
56	1	EA	P/N LP-4VP-072-01 - Listen Technologies Assistive Listening DSP Value Package (72 MHZ)		
57	1	EA	P/N LA-438 - Listen Technologies Advanced Neck Loop (Adult)		

58	1	EA	P/N D2 - MIDDLE ATLANTIC 2SP ANODIZED DRAWER		
59	1	Lot	Miscellaneous cables, mounting hardware, brackets, equipment racks, surge protectors, cable management, and other items necessary to complete installation		
60	1	Lot	Shipping		
61	1	Lot	Design, Engineering, Installation, Programming, Management, Testing, and Training		

**Total Offer Cost \$\_\_\_\_\_**

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## 5.0 **ADDITIONAL INFORMATION**

### 5.1. **HISTORICALLY UNDERUTILIZED BUSINESSES**

“Historically Underutilized Businesses (HUBs) consist of minority, women and disabled business firms that are at least fifty-one percent owned and operated by an individual(s) of the aforementioned categories. Also included in this category are disabled business enterprises and non-profit work centers for the blind and severely disabled.” <http://ncadmin.nc.gov/businesses/hub>

Pursuant to N.C.G.S. §§143B-1361(a), 143-48 and 143-128.4, the State invites and encourages participation in this procurement process by businesses owned by minorities, women, disabled, disabled business enterprises and non-profit work centers for the blind and severely disabled. This includes utilizing subcontractors to perform the required functions in this IFB.

Is Vendor a Historically Underutilized Business? ☐ YES ☐ NO

If “YES”, specify classification. \_\_\_\_\_

### 5.2. **RECYCLED CONTENT**

In an effort to support the sustainability efforts of the State of [North Carolina Executive Order Number 156](#), we solicit your cooperation.

Does the packaging of the items offered in response to this IFB contain recycled content?

☐ YES ☐ NO

If Vendor answered “YES” above, indicate the following:

Percentage of recycled content: \_\_\_\_\_ Can the packaging be recycled? ☐ YES ☐ NO

Do items offered in response to this solicitation contain recycled content? ☐ YES ☐ NO

If Vendor answered “YES” above, indicate the material and content percentage of applicable items.

Material: \_\_\_\_\_ Percentage of recycled content: \_\_\_\_\_

State how items may be disposed of or recycled at the end of use?

\_\_\_\_\_  
\_\_\_\_\_

### 5.3. **ENERGY STAR PRODUCTS**

“ENERGY STAR® is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.” <http://www.energystar.gov/>

Do products offered meet Energy Star specifications of energy efficiency? ☐ YES ☐ NO

## 6.0 **DEPARTMENT OF INFORMATION TECHNOLOGY INSTRUCTIONS TO VENDORS**

- 1) **READ, REVIEW AND COMPLY:** It shall be the Vendor's responsibility to read this entire document, review all enclosures and attachments, and comply with all requirements specified herein.
- 2) **DEFINITIONS:**
  - **NCDIT:** The North Carolina Department of Information Technology, formerly Office of Information Technology Services
  - **NCDIT CONVENIENCE CONTRACT:** A contract that is used for the procurement of IT goods or Services. These contracts are in place for the convenience of the state and use of them is optional.
  - **OPEN MARKET CONTRACT:** A contract for the purchase of goods or Services not covered by a term, technical, or convenience contract.
  - **TERM CONTRACT:** A contract in which a source of supply is established for a specified period of time for specified Services or supplies; usually characterized by an estimated or definite minimum quantity, with the possibility of additional requirements beyond the minimum, all at a predetermined unit price
  - **THE STATE:** Is the state of North Carolina and its agencies.
  - **VENDOR:** Company, firm, corporation, partnership, individual, etc., submitting a response to a solicitation.
- 3) **PROMPT PAYMENT DISCOUNTS:** Vendors are urged to compute all discounts into the price offered. If a prompt payment discount is offered, it will not be considered in the award of the contract except as a factor to aid in resolving cases of identical prices.
- 4) **INFORMATION AND DESCRIPTIVE LITERATURE:** Vendor is to furnish all information requested and in the spaces provided in this document. Further, if required elsewhere in this IFB, each Vendor must submit with their offer sketches, descriptive literature and/or complete specifications covering the products offered. **Only information that is received in response to this IFB will be evaluated.** Reference to information previously submitted or Internet Website Addresses (URLs) will not satisfy this provision. Offers, which do not comply with these requirements, will be subject to rejection.
- 5) **RECYCLING AND SOURCE REDUCTION:** It is the policy of this State to encourage and promote the purchase of products with recycled content to the extent economically practicable, and to purchase items, which are reusable, refillable, repairable, more durable, and less toxic to the extent that the purchase or use is practicable and cost-effective. We also encourage and promote using minimal packaging and the use of recycled/recyclable products in the packaging of commodities purchased. However, no sacrifice in quality of packaging will be acceptable. The company remains responsible for providing packaging that will protect the commodity and contain it for its intended use. Companies are strongly urged to bring to the attention of the relevant purchasers in the State those products or packaging they offer which have recycled content and that are recyclable.
- 6) **CLARIFICATIONS/INTERPRETATIONS:** Any and all questions regarding this document must be addressed to the purchaser named on the cover sheet of this document. Do not contact the user directly. Any and all revisions to this document shall be made only by written addendum from NCDIT. The Vendor is cautioned that the requirements of this IFB can be altered only by written addendum and that verbal communications from whatever source are of no effect.
- 7) **ACCEPTANCE AND REJECTION:** The State reserves the right to reject any and all offers, to waive any informality in offers and, unless otherwise specified by the Vendor, to accept any item in the offer. If either a unit price or an extended price is obviously in error and the other is obviously correct, the incorrect price will be disregarded.
- 8) **AWARD OF CONTRACT:** Responsive offers will be evaluated and acceptance may be made in accordance with Best Value procurement practices as defined by N.C.G.S. §143-135.9, and in accordance with N.C.G.S. §143B-1350(h), which provides that the offer must be in substantial conformity with the specifications herein, and 09 NCAC 06B.0302. Unless otherwise specified by the State or the Vendor, the State reserves the right to accept any item or group of items on a multi-item offer.

In addition, on agency specific or term contracts, NCDIT reserves the right to make partial, progressive or multiple awards: where it is advantageous to award separately by items; or where more than one supplier is



needed to provide the contemplated requirements as to quantity, quality, delivery, service, geographical areas; other factors deemed by NCDIT to be pertinent or peculiar to the purchase in question.

- 9) **SAMPLES:** Sample of items, when required, must be furnished as stipulated herein, free of expense, and if not destroyed will, upon request be returned at the Vendor's expense. Written request for the return of samples must be made within 10 days following date of offer opening. Otherwise the samples will become the property of the State. Each individual sample must be labeled with the Vendor's name, offer number, and item number. A sample, on which an award is made, will be retained until the contract is completed, and then returned, if requested, as specified above.
- 10) **MISCELLANEOUS:** Masculine pronouns shall be read to include feminine pronouns and the singular of any word or phrase shall be read to include the plural and vice versa.
- 11) **PROTEST PROCEDURES:** When an offeror wants to protest a contract awarded pursuant to this solicitation that is over \$25,000 they must submit a written request to the issuing agency at the address given in this document. This request must be received in this office within fifteen (15) calendar days from the date of the contract award, and must contain specific sound reasons and any supporting documentation for the protest. **Note:** Contract award notices are sent **only** to those actually awarded contracts, and not to every person or firm responding to this solicitation. IFB status and Award notices are posted on at <https://evp.nc.gov/>. **All protests will be governed by NCAC Title 9, Department of Information Technology (formerly Office of Information Technology Services), Subchapter 06B Sections .1101 - .1121.**
- 12) **VENDOR REGISTRATION AND SOLICITATION NOTIFICATION SYSTEM:** Vendor Link NC allows Vendors to electronically register with the State to receive electronic notification of current procurement opportunities for goods and services available on the NC Electronic Vendor Portal (eVP) at the following web site: <https://evp.nc.gov/>
- 13) **DIGITAL IMAGING:** The State will digitize the Vendor's response if not received electronically, and any awarded contract together with associated contract documents. This electronic copy shall be a preservation record and serve as the official record of this solicitation with the same force and effect as the original written documents comprising such record. Any printout or other output readable by sight shown to reflect such record accurately is an "original."

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## 7.0 DEPARTMENT OF INFORMATION TECHNOLOGY TERMS AND CONDITIONS

- 1) **DEFINITIONS:** As used herein;
  - a) Deliverable/Product Warranties shall mean and include the warranties provided for products or deliverables licensed to the State in Paragraphs 7 and 8, and included in Paragraph 29 c) of these Terms and Conditions unless superseded by a Vendor's Warranties pursuant to Vendor's License or Support Agreements.
  - b) Purchasing State Agency or Agency shall mean the Agency purchasing the goods or Services.
  - c) Services shall mean the duties and obligations accepted by the Vendor to carry out the requirements, and meet the specifications, of this procurement.
  - d) State shall mean the State of North Carolina, the Department of Information Technology as an Agency or in its capacity as the Award Authority.
- 2) **STANDARDS:** Manufactured items and/or fabricated assemblies comprising Deliverables shall meet all requirements of the Occupational Safety and Health Act (OSHA), and State and federal requirements relating to clean air and water pollution, if applicable. Vendor will provide and maintain a quality assurance system or program that includes any Deliverables and will tender to the State only those Deliverables that have been inspected and found to conform to the requirements of this Contract. All manufactured items and/or fabricated assemblies comprising Deliverables are subject to operation, certification or inspection, and accessibility requirements as required:
  - by State or federal Regulation,
  - by the Chief Information Officer's (CIO) policy or regulation, or
  - acceptance with appropriate standards of operations or uses of said Deliverables as may be shown by identification markings or other means of the appropriate certifying standards organization.
  - a) **Site Preparation:** Vendors shall provide the Purchasing State Agency complete site requirement specifications for the Deliverables, if any. These specifications shall ensure that the Deliverables to be installed shall operate properly and efficiently within the site environment. The Vendor shall advise the State of any site requirements for any Deliverables required by the State's specifications. Any alterations or modification in site preparation which are directly attributable to incomplete or erroneous specifications provided by the Vendor and which would involve additional expenses to the State, shall be made at the expense of the Vendor.
  - b) **Goods Return:** Deliverables and any other goods or materials furnished by the Vendor to fulfill technical requirements shall be in good working order and be maintained in good working order by Vendor for the duration of the Contract; unless otherwise provided in a separate maintenance agreement or in the Solicitation Documents. Deliverables failing to meet the State's technical requirements shall be considered non-conforming goods and subject to return to the Vendor for replacement at the State's option, and at the Vendor's expense. The State is responsible for the return costs related to the termination of a Contract, including deinstallation, and freight to destinations within the Continental United States; except in the case of default by the Vendor or delivery of non-conforming goods by Vendor. Shipping or freight charges, if any, paid by the State for non-conforming goods will be reimbursed to the State.
  - c) **Specifications:** The apparent silence of the specifications as to any detail, or the apparent omission of detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and only material and workmanship of the first quality may be used. Upon any notice of noncompliance provided by the State, Vendor shall supply proof of compliance with the specifications. Vendor must provide written notice of its intent to deliver alternate or substitute products, goods or Deliverables. Alternate or substitute products, goods or Deliverables may be accepted or rejected in the sole discretion of the State; and any such alternates or substitutes must be accompanied by Vendor's certification and evidence satisfactory to the State that the function, characteristics, performance and endurance will be equal or superior to the original Deliverables specified.

- 3) **WARRANTIES:** Vendor shall assign all applicable third party warranties for Deliverables to the Purchasing State Agency.
- 4) **PERSONNEL:** Vendor shall not substitute key personnel assigned to the performance of this Contract without prior written approval by the Agency Contract Administrator. Any desired substitution shall be noticed to the Agency's Contract Administrator accompanied by the names and references of Vendor's recommended substitute personnel. The Agency will approve or disapprove the requested substitution in a timely manner. The Agency may, in its sole discretion, terminate the Services of any person providing Services under this Contract. Upon such termination, the Agency may request acceptable substitute personnel or terminate the contract Services provided by such personnel.
- a) Vendor personnel shall perform their duties on the premises of the State, during the State's regular work days and normal work hours, except as may be specifically agreed otherwise, established in the specification, or statement of work.
  - b) This Contract shall not prevent Vendor or any of its personnel supplied under this Contract from performing similar Services elsewhere or restrict Vendor from using the personnel provided to the State, provided that:
    - i) Such use does not conflict with the terms, specifications or any amendments to this Contract, or
    - ii) Such use does not conflict with any procurement law, regulation or policy, or
    - iii) Such use does not conflict with any non-disclosure agreement, or term thereof, by and between the State and Vendor or Vendor's personnel.
- 5) **SUBCONTRACTING:** The Vendor may subcontract the performance of required Services with other Vendors or third parties, or change subcontractors, only with the prior written consent of the contracting authority. Vendor shall provide the State with complete copies of any agreements made by and between Vendor and all subcontractors. The selected Vendor remains solely responsible for the performance of its subcontractors. Subcontractors, if any, shall adhere to the same standards required of the selected Vendor. Any contracts made by the Vendor with a subcontractor shall include an affirmative statement that the State is an intended third party beneficiary of the contract; that the subcontractor has no agreement with the State; and that the State shall be indemnified by the Vendor for any claim presented by the subcontractor. Notwithstanding any other term herein, Vendor shall timely exercise its contractual remedies against any non-performing subcontractor and, when appropriate, substitute another subcontractor.
- 6) **VENDOR'S REPRESENTATION:** Vendor warrants that qualified personnel will provide Services in a professional manner. "Professional manner" means that the personnel performing the Services will possess the skill and competence consistent with the prevailing business standards in the information technology industry. Vendor agrees that it will not enter any agreement with a third party that might abridge any rights of the State under this Contract. Vendor will serve as the prime Vendor under this Contract. Should the State approve any subcontractor(s), the Vendor shall be legally responsible for the performance and payment of the subcontractor(s). Names of any third party Vendors or subcontractors of Vendor may appear for purposes of convenience in Contract documents; and shall not limit Vendor's obligations hereunder. Third party subcontractors, if approved, may serve as subcontractors to Vendor. Vendor will retain executive representation for functional and technical expertise as needed in order to incorporate any work by third party subcontractor(s).
- a) **Intellectual Property.** Vendor has the right to provide the Services and Deliverables without violating or infringing any law, rule, regulation, copyright, patent, trade secret or other proprietary right of any third party. Vendor represents that its Services and Deliverables are not the subject of any actual or threatened actions arising from, or alleged under, any intellectual property rights of any third party.
  - b) **Inherent Services.** If any Services, Deliverables, functions, or responsibilities not specifically described in this Contract are required for Vendor's proper performance, provision and delivery of the Service and Deliverables pursuant to this Contract, or are an inherent part of or necessary sub-task included within the Service, they will be deemed to be implied by and included within the scope of the Contract to the same extent and in the same manner as if specifically described in the Contract.

Unless otherwise expressly provided in the Contract, Vendor will furnish all of its own necessary management, supervision, labor, facilities, furniture, computer and telecommunications equipment, software, supplies and materials necessary for the Vendor to provide and deliver the Services and Deliverables.

- c) Vendor warrants that it has the financial capacity to perform and to continue perform its obligations under the Contract; that Vendor has no constructive or actual knowledge of an actual or potential legal proceeding being brought against Vendor that could materially adversely affect performance of this Contract; and that entering into this Contract is not prohibited by any contract, or order by any court of competent jurisdiction.
  - d) **Warranty as to Equipment; Hardware.** Vendor warrants that the equipment and hardware that it provides pursuant to this Contract shall be free from defects in materials, in good working order and be maintained in good working order.
- 7) **SOFTWARE LICENSE (for internal embedded software, firmware and unless otherwise provided in the State's solicitation document, or in an attachment hereto):** Deliverables comprising goods, equipment or products (hardware) may contain software for internal operation, or as embedded software or firmware that is generally not sold or licensed as a severable software product. Software may be provided on separate media, such as floppy diskettes or CD-ROM, or may be included within the hardware at or prior to delivery. Such software is proprietary, copyrighted, and may also contain valuable trade secrets and may be protected by patents. Vendor grants the State a license to use the Code (or any replacement provided) on, or in conjunction with, only the Deliverables purchased, or with any system identified in the solicitation documents. The State shall have a worldwide, nonexclusive, non-sublicensable license to use such software and/or documentation for its internal use. The State may make and install copies of the software to support the authorized level of use. Provided, however that if the hardware is inoperable, the software may be copied for temporary use on other hardware. The State shall promptly affix to any such copy the same proprietary and copyright notices affixed to the original. The State may make one copy of the software for archival, back-up or disaster recovery purposes. The license set forth in this Paragraph shall terminate immediately upon the State's discontinuance of the use of the equipment on which the software is installed. The software may be transferred to another party only with the transfer of the hardware. If the hardware is transferred, the State shall i) destroy all software copies made by the State, ii) deliver the original or any replacement copies of the software to the transferee, and iii) notify the transferee that title and ownership of the software and the applicable patent, trademark, copyright, and other intellectual property rights shall remain with Vendor, or Vendor's licensors. The State shall not disassemble, decompile, reverse engineer, modify, or prepare derivative works of the embedded software, unless permitted under the solicitation documents.
- 8) **MAINTENANCE/SUPPORT SERVICES:** Unless otherwise mutually provided herein, for the first year after the expiration of any warranty coverage (and for all subsequent Contract years, for which Support is purchased), Vendor agrees to provide the following Support Services for the Hardware and any Software provided with the Deliverables for any years in which the applicable support fees are paid, which may be more particularly described, e.g., under part numbers, in the Furnish & Deliver Table, above:

**HARDWARE/EQUIPMENT:**

- a) **Basic Services.** The Vendor will provide at least normal and usual Hardware support and maintenance Services generally provided to customers in a similar program, position or setting consistent with and subject to the payment of the support and maintenance fees agreed upon in this Contract, all as indicated by part numbers in the Furnish and Deliver Table, above. The Vendor warrants to the State that all items furnished will be new (unless otherwise requested in this IFB), of good material and workmanship, and agrees to repair or replace any items which fail to comply with the specifications by reason of defective material or workmanship under normal use, free of State's negligence or accident for one year from date of installation. Such repair or replacement shall include any transportation costs free of any charge to the State.

This statement is not intended to limit any additional coverage, which may normally be associated with a product, such as any "hot switch" or similar replacement warranty program applicable as indicated by the Vendor's support description in the Furnish & Deliver Table, above. Any available warranties applicable to replacement Hardware equipment or parts will be passed on to the using agency.

- b) **Telephone Assistance.** Vendor shall provide the State with telephone access to technical support engineers for assistance in the proper installation and use of the Software, and to report and resolve Support problems, during normal business hours, 8:00 AM - 5:00 PM Eastern Standard Time, Monday-Friday. Vendor shall respond to the telephone requests for Program maintenance service, within four hours, for calls made at any time.

**SOFTWARE:**

- a) **Error Correction.** Upon notice by State of a problem with the Software (which problem can be verified), Vendor shall use reasonable efforts to correct or provide a working solution for the problem. The State shall comply with all reasonable instructions or requests of Vendor in attempts to correct an error or defect in the Program. Vendor and the State shall act promptly and in a reasonably timely manner in communicating error or problem logs, other related information, proposed solutions or workarounds, and any action as may be necessary or proper to obtain or affect maintenance Services under this Paragraph.
  - b) Vendor shall notify the State of any material errors or defects in the Deliverables known, or made known to Vendor from any source during the Contract term that could cause the production of inaccurate or otherwise materially incorrect, results. Vendor shall initiate actions as may be commercially necessary or proper to effect corrections of any such errors or defects.
  - c) **Updates.** Vendor shall provide to the State, at no additional charge, all new releases and bug fixes (collectively referred to as "Changes") for any Software Deliverable developed or published by Vendor and made generally available to its other customers at no additional charge. All such Changes shall become a part of the Software and Documentation and, as such, will be governed by the provisions of this Contract.
  - d) **Telephone Assistance.** Vendor shall provide the State with telephone access to technical support engineers for assistance in the proper installation and use of the Software, and to report and resolve Software problems, during normal business hours, 8:00 AM - 5:00 PM Eastern Standard Time, Monday-Friday. Vendor shall respond to the telephone requests for Program maintenance service, within four hours, for calls made at any time.
- 9) **TRAVEL EXPENSES: All travel expenses should be included in the Vendor's proposed costs. Separately stated travel expenses will not be reimbursed.** In the event that the Vendor may be eligible to be reimbursed for travel expenses arising under the performance of this Contract, reimbursement will be at the out-of-state rates set forth in N.C.G.S. §138-6; as amended from time to time. Vendor agrees to use the lowest available airfare not requiring a weekend stay and to use the lowest available rate for rental vehicles. All Vendor incurred travel expenses shall be billed on a monthly basis, shall be supported by receipt and shall be paid by the State within thirty (30) days after invoice approval. Travel expenses exceeding the foregoing rates shall not be paid by the State. The State will reimburse travel allowances only for days on which the Vendor is required to be in North Carolina performing Services under this Contract.
- 10) **GOVERNMENTAL RESTRICTIONS:** In the event any restrictions are imposed by governmental requirements that necessitate alteration of the material, quality, workmanship, or performance of the Deliverables offered prior to delivery thereof, the Vendor shall provide written notification of the necessary alteration(s) to the Agency Contract Administrator. The State reserves the right to accept any such alterations, including any price adjustments occasioned thereby, or to cancel the Contract. The State may advise Vendor of any restrictions or changes in specifications required by North Carolina legislation, rule or regulatory authority that require compliance by the State. In such event, Vendor shall use its best efforts to comply with the required restrictions or changes. If compliance cannot be achieved by the date specified by the State, the State may terminate this Contract and compensate Vendor for sums due under the Contract.

- 11) PROHIBITION AGAINST CONTINGENT FEES AND GRATUITIES:** Vendor warrants that it has not paid, and agrees not to pay, any bonus, commission, fee, or gratuity to any employee or official of the State for the purpose of obtaining any contract or award issued by the State. Vendor further warrants that no commission or other payment has been or will be received from or paid to any third party contingent on the award of any contract by the State, except as shall have been expressly communicated to the State Purchasing Agent in writing prior to acceptance of the Contract or award in question. Each individual signing below warrants that he or she is duly authorized by their respective Party to sign this Contract and bind the Party to the terms and conditions of this Contract. Vendor and their authorized signatory further warrant that no officer or employee of the State has any direct or indirect financial or personal beneficial interest, in the subject matter of this Contract; obligation or contract for future award of compensation as an inducement or consideration for making this Contract. Subsequent discovery by the State of non-compliance with these provisions shall constitute sufficient cause for immediate termination of all outstanding contracts. Violations of this provision may result in debarment of the Vendor(s) as permitted by 09 NCAC 06B.1206, or other provision of law.
- 12) AVAILABILITY OF FUNDS:** Any and all payments to Vendor are expressly contingent upon and subject to the appropriation, allocation and availability of funds to the Agency for the purposes set forth in this Contract. If this Contract or any Purchase Order issued hereunder is funded in whole or in part by federal funds, the Agency's performance and payment shall be subject to and contingent upon the continuing availability of said federal funds for the purposes of the Contract or Purchase Order. If the term of this Contract extends into fiscal years subsequent to that in which it is approved such continuation of the Contract is expressly contingent upon the appropriation, allocation, and availability of funds by the N.C. Legislature for the purposes set forth in the Contract. If funds to effect payment are not available, the Agency will provide written notification to Vendor. If the Contract is terminated under this paragraph, Vendor agrees to take back any affected Deliverables and software not yet delivered under this Contract, terminate any Services supplied to the Agency under this Contract, and relieve the Agency of any further obligation thereof. The State shall remit payment for Deliverables and Services accepted prior to the date of the aforesaid notice in conformance with the payment terms.
- 13) PAYMENT TERMS:** Payment terms are Net 30 days after receipt of correct invoice or acceptance of the Deliverables, whichever is later; unless a period of more than 30 days is required by the Agency. The Purchasing State Agency is responsible for all payments under the Contract. No additional charges to the Agency will be permitted based upon, or arising from, the Agency's use of a Business Procurement Card. The State may exercise any and all rights of Set Off as permitted in Chapter 105A-1 et. seq. of the N.C. General Statutes and applicable Administrative Rules. Upon Vendor's written request of not less than 30 days and approval by the State or Agency, the Agency may:
- a) Forward the Vendor's payment check(s) directly to any person or entity designated by the Vendor, or
  - b) Include any person or entity designated in writing by Vendor as a joint payee on the Vendor's payment check(s), however
  - c) In no event shall such approval and action obligate the State to anyone other than the Vendor and the Vendor shall remain responsible for fulfillment of all Contract obligations.
- 14) ACCEPTANCE CRITERIA:** In the event acceptance of Deliverables is not described in additional Contract documents, the State shall have the obligation to notify Vendor, in writing ten calendar days following the supply of any Deliverable described in the Contract if it is not acceptable. The notice shall specify in reasonable detail the reason(s) a deliverable is unacceptable. Acceptance by the State shall not be unreasonably withheld; but may be conditioned or delayed as required for installation and/or testing of Deliverables. Final acceptance is expressly conditioned upon completion of all applicable inspection and testing procedures. Should the Deliverables fail to meet any specifications or acceptance criteria the State may exercise any and all rights hereunder, including such rights provided by the Uniform Commercial Code as adopted in North Carolina.

Deliverables discovered to be defective or failing to conform to the specifications may be rejected upon initial inspection or at any later time if the defects contained in the Deliverables or non-compliance with the specifications was not reasonably ascertainable upon initial inspection. If the Vendor fails to promptly cure the defect or replace the Deliverables, the State reserves the right to cancel the Purchase Order, contract with a different Vendor, and to invoice the original Vendor for any differential in price over the original Contract price. When Deliverables are rejected, the Vendor must remove the rejected Deliverables from the premises of the State Agency within seven (7) calendar days of notification, unless otherwise agreed by the State Agency. Rejected items may be regarded as abandoned if not removed by Vendor as provided herein.

- 15) EQUAL EMPLOYMENT OPPORTUNITY:** Vendor shall comply with all Federal and State requirements concerning fair employment and employment of the disabled, and concerning the treatment of all employees without regard to discrimination by reason of race, color, religion, sex, national origin or physical disability.
- 16) INSPECTION AT VENDOR'S SITE:** The State reserves the right to inspect, during Vendor's regular business hours at a reasonable time, upon notice of not less than two (2) weeks, and at its own expense, the prospective Deliverables comprising equipment or other tangible goods, or the plant or other physical facilities of a prospective Vendor prior to Contract award, and during the Contract term as necessary or proper to ensure conformance with the specifications/requirements and their adequacy and suitability for the proper and effective performance of the Contract.
- 17) ADVERTISING/PRESS RELEASE:** The Vendor absolutely shall not publicly disseminate any information concerning the Contract without prior written approval from the State or its Agent. For the purpose of this provision of the Contract, the Agent is the Purchasing Agency Contract Administrator unless otherwise named in the solicitation documents.
- 18) CONFIDENTIALITY:** In accordance with N.C.G.S. §§143B-1350(e), 143B-1375 and 09 NCAC 06B.0103 and 06B.1001 and to promote maximum competition in the State competitive bidding process, the State may maintain the confidentiality of certain types of information described in N.C.G.S. §132-1 et seq. Such information may include trade secrets defined by N.C.G.S. §66-152 and other information exempted from the Public Records Act pursuant to N.C.G.S. §132-1.2. Vendor may designate appropriate portions of its response as confidential, consistent with and to the extent permitted under the Statutes and Rules set forth above, by marking the top and bottom of pages containing confidential information with a legend in boldface type "**CONFIDENTIAL**". By so marking any page, the Vendor warrants that it has formed a good faith opinion, having received such necessary or proper review by counsel and other knowledgeable advisors that the portions marked confidential meet the requirements of the Rules and Statutes set forth above. ***However, under no circumstances shall price information be designated as confidential.*** The State may serve as custodian of Vendor's confidential information and not as an arbiter of claims against Vendor's assertion of confidentiality. If an action is brought pursuant to N.C.G.S. §132-9 to compel the State to disclose information marked confidential, the Vendor agrees that it will intervene in the action through its counsel and participate in defending the State, including any public official(s) or public employee(s). The Vendor agrees that it shall hold the State and any official(s) and individual(s) harmless from any and all damages, costs, and attorneys' fees awarded against the State in the action. The State agrees to promptly notify the Vendor in writing of any action seeking to compel the disclosure of Vendor's confidential information. The State shall have the right, at its option and expense, to participate in the defense of the action through its counsel. The State shall have no liability to Vendor with respect to the disclosure of Vendor's confidential information ordered by a court of competent jurisdiction pursuant to N.C.G.S. §132-9 or other applicable law.
  - a) Care of Information: Vendor agrees to use commercial best efforts to safeguard and protect any data, documents, files, and other materials received from the State or the Agency during performance of any contractual obligation from loss, destruction or erasure.
  - b) Vendor warrants that all its employees and any approved third party Vendors or subcontractors are subject to a non-disclosure and confidentiality agreement enforceable in North Carolina. Vendor will, upon request of the State, verify and produce true copies of any such agreements.

Production of such agreements by Vendor may be made subject to applicable confidentiality, non-disclosure or privacy laws; provided that Vendor produces satisfactory evidence supporting exclusion of such agreements from disclosure under the N.C. Public Records laws in N.C.G.S. §132-1 et seq. The State may, in its sole discretion, provide a non-disclosure and confidentiality agreement satisfactory to the State for Vendor's execution. The State may exercise its rights under this subparagraph as necessary or proper, in its discretion, to comply with applicable security regulations or statutes including, but not limited to 26 USC 6103 and IRS Publication 1075, (Tax Information Security Guidelines for Federal, State, and Local Agencies), HIPAA, 42 USC 1320(d) (Health Insurance Portability and Accountability Act), any implementing regulations in the Code of Federal Regulations, and any future regulations imposed upon the Department of Information Technology or the N.C. Department of Revenue pursuant to future statutory or regulatory requirements.

- c) Nondisclosure: Vendor agrees and specifically warrants that it, its officers, directors, principals and employees, and any subcontractors, shall hold all information received during performance of this Contract in the strictest confidence and shall not disclose the same to any third party without the express written approval of the State.

**19) DELIVERABLES:** Deliverables, as used herein, shall comprise all Services, project materials, including goods, software licenses, data, and documentation created during the performance or provision of Services hereunder. Deliverables are the property of the State of North Carolina, except where licensed or leased to the State. Proprietary Vendor materials licensed to the State shall be identified to the State by Vendor prior to use or provision of Services hereunder and shall remain the property of the Vendor. Embedded software or firmware shall not be a severable Deliverable. Deliverables include "Work Product" and means any expression of Licensor's findings, analyses, conclusions, opinions, recommendations, ideas, techniques, know-how, designs, programs, enhancements, and other technical information; but not source and object code or software. All Software source and object code is the property of Licensor and is licensed nonexclusively to the State, at no additional license fee, pursuant to the terms of the software license contained herein, and in the Supplemental Terms and Conditions for Software and Services or the License Agreement if incorporated in the Solicitation Documents.

**20) LATE DELIVERY, BACK ORDER:** Vendor shall advise the Agency contact person or office immediately upon determining that any Deliverable will not, or may not, be delivered at the time or place specified. Together with such notice, Vendor shall state the projected delivery time and date. In the event the delay projected by Vendor is unsatisfactory, the Agency shall so advise Vendor and may proceed to procure substitute Deliverables or Services.

**21) PATENT, COPYRIGHT, AND TRADE SECRET PROTECTION:**

- a) Vendor has created, acquired or otherwise has rights in, and may, in connection with the performance of Services for the State, employ, provide, create, acquire or otherwise obtain rights in various concepts, ideas, methods, methodologies, procedures, processes, know-how, techniques, models, templates and general purpose consulting and software tools, utilities and routines (collectively, the "Vendor Technology"). To the extent that any Vendor Technology is contained in any of the Deliverables including any derivative works, the Vendor hereby grants the State a royalty-free, fully paid, worldwide, perpetual, non-exclusive license to use such Vendor Technology in connection with the Deliverables for the State's purposes.
- b) Vendor shall not acquire any right, title, and interest in and to the copyrights for goods, any and all software, technical information, specifications, drawings, records, documentation, data or derivative works thereof, or other work products provided by the State to Vendor. The State hereby grants Vendor a royalty-free, fully paid, worldwide, perpetual, non-exclusive license for Vendor's internal use to non-confidential Deliverables first originated and prepared by the Vendor for delivery to the State.
- c) The Vendor, at its own expense, shall defend any action brought against the State to the extent that such action is based upon a claim that the Services or Deliverables supplied by the Vendor, or the operation of



such Deliverables pursuant to a current version of Vendor-supplied software, infringes a patent, or copyright or violates a trade secret in the United States.

The Vendor shall pay those costs and damages finally awarded against the State in any such action; damages shall be limited as provided in N.C.G.S. 143B-1350(h1). Such defense and payment shall be conditioned on the following:

- i) That the Vendor shall be notified within a reasonable time in writing by the State of any such claim; and,
  - ii) That the Vendor shall have the sole control of the defense of any action on such claim and all negotiations for its settlement or compromise provided, however, that the State shall have the option to participate in such action at its own expense.
- d) Should any Services or software supplied by Vendor, or the operation thereof become, or in the Vendor's opinion are likely to become, the subject of a claim of infringement of a patent, copyright, or a trade secret in the United States, the State shall permit the Vendor, at its option and expense, either to procure for the State the right to continue using the goods/hardware or software, or to replace or modify the same to become noninfringing and continue to meet procurement specifications in all material respects. If neither of these options can reasonably be taken, or if the use of such goods/hardware or software by the State shall be prevented by injunction, the Vendor agrees to take back such goods/hardware or software, and refund any sums the State has paid Vendor less any reasonable amount for use or damage and make every reasonable effort to assist the State in procuring substitute Deliverables. If, in the sole opinion of the State, the return of such infringing Deliverables makes the retention of other items of Deliverables acquired from the Vendor under this Contract impractical, the State shall then have the option of terminating the Contract, or applicable portions thereof, without penalty or termination charge. The Vendor agrees to take back such Deliverables and refund any sums the State has paid Vendor less any reasonable amount for use or damage.
- e) Vendor will not be required to defend or indemnify the State if any claim by a third party against the State for infringement or misappropriation (i) results from the State's alteration of any Vendor-branded product or Deliverable, or (ii) results from the continued use of the good(s) or Services and Deliverables after receiving notice they infringe a trade secret of a third party.
- f) Nothing stated herein, however, shall affect Vendor's ownership in or rights to its preexisting intellectual property and proprietary rights.

**22) ACCESS TO PERSONS AND RECORDS:** Pursuant to N.C.G.S. §147-64.7, the Agency, the State Auditor, appropriate federal officials, and their respective authorized employees or agents are authorized to examine all books, records, and accounts of the Vendor insofar as they relate to transactions with any department, board, officer, commission, institution, or other agency of the State of North Carolina pursuant to the performance of this Contract or to costs charged to this Contract. The Vendor shall retain any such books, records, and accounts for a minimum of three (3) years after the completion of this Contract. Additional audit or reporting requirements may be required by any Agency, if in the Agency's opinion, such requirement is imposed by federal or state law or regulation. The Joint Legislative Commission on Governmental Operations and the legislative employees whose primary responsibility is to provide professional or administrative services to the Commission may audit the records of the Vendor during and after the term of this Agreement to verify accounts and data affecting fees or performance in accordance with Chapter 120, Article 13.

**23) ASSIGNMENT:** Vendor may not assign this Contract or its obligations hereunder except as permitted by 09 NCAC 06B.1003 and this Paragraph. Vendor shall provide reasonable notice of not less than thirty (30) days prior to any consolidation, acquisition, or merger. Any assignee shall affirm this Contract attorning to the terms and conditions agreed, and that Vendor shall affirm that the assignee is fully capable of performing all obligations of Vendor under this Contract. An assignment may be made, if at all, in writing by the Vendor, Assignee and the State setting forth the foregoing obligation of Vendor and Assignee.

**24) INSURANCE COVERAGE:** During the term of the Contract, the Vendor at its sole cost and expense shall provide commercial insurance of such type and with such terms and limits as may be reasonably associated with the Contract. As a minimum, the Vendor shall provide and maintain the following coverage and limits:

- a) **Worker's Compensation** - The Vendor shall provide and maintain Worker's Compensation Insurance, as required by the laws of North Carolina, as well as employer's liability coverage with minimum limits of \$100,000.00, covering all of Vendor's employees who are engaged in any work under the Contract. If any work is sublet, the Vendor shall require the subcontractor to provide the same coverage for any of his employees engaged in any work under the Contract; and
- b) **Commercial General Liability** - General Liability Coverage on a Comprehensive Broad Form on an occurrence basis in the minimum amount of \$2,000,000.00 Combined Single Limit (Defense cost shall be in excess of the limit of liability); and
- c) **Automobile** - Automobile Liability Insurance, to include liability coverage, covering all owned, hired and non-owned vehicles, used in connection with the Contract. The minimum combined single limit shall be \$500,000.00 bodily injury and property damage; \$500,000.00 uninsured/under insured motorist; and \$5,000.00 medical payment; and
- d) Providing and maintaining adequate insurance coverage described herein is a material obligation of the Vendor and is of the essence of this Contract. All such insurance shall meet all laws of the State of North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The Vendor shall at all times comply with the terms of such insurance policies, and all requirements of the insurer under any such insurance policies, except as they may conflict with existing North Carolina laws or this Contract. The limits of coverage under each insurance policy maintained by the Vendor shall not be interpreted as limiting the Vendor's liability and obligations under the Contract.

**25) DISPUTE RESOLUTION:** The parties agree that it is in their mutual interest to resolve disputes informally. A claim by the Vendor shall be submitted in writing to the Agency Contract Administrator for decision. A claim by the State shall be submitted in writing to the Vendor's Contract Administrator for decision. The Parties shall negotiate in good faith and use all reasonable efforts to resolve such dispute(s). During the time the Parties are attempting to resolve any dispute, each shall proceed diligently to perform their respective duties and responsibilities under this Contract. If a dispute cannot be resolved between the Parties within thirty (30) days after delivery of notice, either Party may elect to exercise any other remedies available under this Contract, or at law. This term shall not constitute an agreement by either party to mediate or arbitrate any dispute.

**26) DEFAULT:** In the event Services or other Deliverable furnished or performed by the Vendor during performance of any Contract term fail to conform to any material requirement(s) of the Contract specifications, notice of the failure is provided by the State and if the failure is not cured within ten (10) days, the State may cancel the contract. Default may be cause for debarment as provided in 09 NCAC 06B.1206. The rights and remedies of the State provided above shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

- a) If Vendor fails to deliver or provide correct Services or other Deliverables within the time required by this Contract, the State shall provide written notice of said failure to Vendor, and by such notice require performance assurance measures pursuant to N.C.G.S. 143B-1340(f). Vendor is responsible for the delays resulting from its failure to deliver or provide services or other Deliverables.
- b) Should the State fail to perform any of its obligations upon which Vendor's performance is conditioned, Vendor shall not be in default for any delay, cost increase or other consequences resulting from the State's failure. Vendor will use reasonable efforts to mitigate delays, costs or expenses arising from assumptions in the Vendor's offers that prove erroneous or are otherwise invalid. Any deadline that is affected by any such failure in assumptions or performance by the State shall be extended by an amount of time reasonably necessary to compensate for the effect of such failure.

- c) Vendor shall provide a plan to cure any delay or default if requested by the State. The plan shall state the nature of the delay or default, the time required for cure, any mitigating factors causing or tending to cause the delay or default, and such other information as the Vendor may deem necessary or proper to provide.

**27) WAIVER OF DEFAULT:** Waiver by either party of any default or breach by the other Party shall not be deemed a waiver of any subsequent default or breach and shall not be construed to be a modification or novation of the terms of this Contract, unless so stated in writing and signed by authorized representatives of the Agency and the Vendor, and made as an amendment to this Contract pursuant to Paragraph 40) herein below.

**28) TERMINATION:** Any notice or termination made under this Contract shall be transmitted via US Mail, Certified Return Receipt Requested. The period of notice for termination shall begin on the day the return receipt is signed and dated.

- a) The parties may mutually terminate this Contract by written agreement at any time.
- b) The State may terminate this Contract, in whole or in part, pursuant to Paragraph 26), or pursuant to the Special Terms and Conditions in the Solicitation Documents, if any, or for any of the following:
  - i) Termination for Cause: In the event any goods, software, or service furnished by the Vendor during performance of any Contract term fails to conform to any material requirement of the Contract, and the failure is not cured within the specified time after providing written notice thereof to Vendor, the State may cancel and procure the articles or Services from other sources; holding Vendor liable for any excess costs occasioned thereby, subject only to the limitations provided in Paragraphs 29) and 30) herein. The rights and remedies of the State provided above shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract. Vendor shall not be relieved of liability to the State for damages sustained by the State arising from Vendor's breach of this Contract; and the State may, in its discretion, withhold any payment due as a setoff until such time as the damages are finally determined or as agreed by the parties. Voluntary or involuntary Bankruptcy or receivership by Vendor shall be cause for termination.
  - ii) Termination For Convenience Without Cause: The State may terminate service and indefinite quantity contracts, in whole or in part by giving thirty (30) days prior notice in writing to the Vendor. Vendor shall be entitled to sums due as compensation for Deliverables provided and Services performed in conformance with the Contract. In the event the Contract is terminated for the convenience of the State the Agency will pay for all work performed and products delivered in conformance with the Contract up to the date of termination.

**29) LIMITATION OF VENDOR'S LIABILITY:**

- a) Where Deliverables are under the State's exclusive management and control, the Vendor shall not be liable for direct damages caused by the State's failure to fulfill any State responsibilities of assuring the proper use, management and supervision of the Deliverables and programs, audit controls, operating methods, office procedures, or for establishing all proper checkpoints necessary for the State's intended use of the Deliverables.
- b) The Vendor's liability for damages to the State arising under the contract shall be limited to two times the value of the Contract.
- c) The foregoing limitation of liability shall not apply to claims covered by other specific provisions including but not limited to Service Level Agreement or Deliverable/Product Warranty compliance, or to claims for injury to persons or damage to tangible personal property caused by Vendor's gross negligence or willful or wanton conduct. This limitation of liability does not apply to contributions among joint tortfeasors under N.C.G.S. 1B-1 et seq., the receipt of court costs or attorney's fees that might be awarded by a court in addition to damages after litigation based on this Contract. For avoidance of doubt, the Parties agree that the Service Level Agreement and Deliverable/Product Warranty Terms in the Contract are intended to provide the sole and exclusive remedies available to the State under the Contract for the Vendor's failure to comply with the requirements stated therein.

**30) VENDOR'S LIABILITY FOR INJURY TO PERSONS OR DAMAGE TO PROPERTY:**

- a) The Vendor shall be liable for damages arising out of personal injuries and/or damage to real or personal property of the State, employees of the State, persons designated by the State for training, or person(s) other than agents or employees of the Vendor, designated by the State for any purpose, prior to, during, or subsequent to delivery, installation, acceptance, and use of the Deliverables either at the Vendor's site or at the State's place of business, provided that the injury or damage was caused by the fault or negligence of the Vendor.
- b) The Vendor agrees to indemnify, defend and hold the Agency and the State and its Officers, employees, agents and assigns harmless from any liability relating to personal injury or injury to real or personal property of any kind, accruing or resulting to any other person, firm or corporation furnishing or supplying work, Services, materials or supplies in connection with the performance of this contract, whether tangible or intangible, arising out of the ordinary negligence, willful or wanton negligence, or intentional acts of the Vendor, its officers, employees, agents, assigns or subcontractors, in the performance of this Contract.
- c) Vendor shall not be liable for damages arising out of or caused by an alteration or an attachment not made or installed by the Vendor.

**31) CHANGES:** This Contract and subsequent purchase order(s) is awarded subject to shipment of quantities, qualities, and prices indicated by the order or Contract, and all conditions and instructions of the Contract or offer on which it is based. Any changes made to this Contract or purchase order proposed by the Vendor are hereby rejected unless accepted in writing by the Agency or State Award Authority. The State shall not be responsible for Deliverables or Services delivered without a purchase order from the Agency or State Award Authority.

**32) STOP WORK ORDER:** The State may issue a written Stop Work Order to Vendor for cause at any time requiring Vendor to suspend or stop all, or any part, of the performance due under this Contract for a period up to ninety (90) days after the Stop Work Order is delivered to the Vendor. The ninety (90) day period may be extended for any further period for which the parties may agree.

- a) The Stop Work Order shall be specifically identified as such and shall indicate that it is issued under this term. Upon receipt of the Stop Work Order, the Vendor shall immediately comply with its terms and take all reasonable steps to minimize incurring costs allocable to the work covered by the Stop Work Order during the period of work suspension or stoppage. Within a period of ninety (90) days after a Stop Work Order is delivered to Vendor, or within any extension of that period to which the parties agree, the State shall either:
  - i) Cancel the Stop Work Order, or
  - ii) Terminate the work covered by the Stop Work Order as provided for in the termination for default or the termination for convenience clause of this Contract.
- b) If a Stop Work Order issued under this clause is canceled or the period of the Stop Work Order or any extension thereof expires, the Vendor shall resume work. The State shall make an equitable adjustment in the delivery schedule, the Contract price, or both, and the Contract shall be modified, in writing, accordingly, if:
  - i) The Stop Work Order results in an increase in the time required for, or in the Vendor's cost properly allocable to the performance of any part of this Contract, and
  - ii) The Vendor asserts its right to an equitable adjustment within thirty (30) days after the end of the period of work stoppage; provided that if the State decides the facts justify the action, the State may receive and act upon an offer submitted at any time before final payment under this Contract.
- c) If a Stop Work Order is not canceled and the work covered by the Stop Work Order is terminated in accordance with the provision entitled Termination for Convenience of the State, the State shall allow reasonable direct costs resulting from the Stop Work Order in arriving at the termination settlement.
- d) The State shall not be liable to the Vendor for loss of profits because of a Stop Work Order issued under this term.

**33) PRICE ADJUSTMENTS FOR TERM CONTRACTS: RESERVED**

- 34) TIME IS OF THE ESSENCE:** Time is of the essence in the performance of this Contract.
- 35) DATE AND TIME WARRANTY:** The Vendor warrants that any Deliverable, whether hardware, firmware, middleware, custom or commercial software, or internal components, subroutines, and interface therein which performs any date and/or time data recognition function, calculation, or sequencing, will provide accurate date/time data and leap year calculations. This warranty shall survive termination or expiration of the Contract.
- 36) INDEPENDENT CONTRACTORS:** Vendor and its employees, officers and executives, and subcontractors, if any, shall be independent Vendors and not employees or agents of the State. This Contract shall not operate as a joint venture, partnership, trust, agency or any other business relationship.
- 37) TRANSPORTATION:** Transportation of Deliverables shall be FOB Destination; unless otherwise specified in the solicitation document or purchase order. Freight, handling, hazardous material charges, and distribution and installation charges shall be included in the total price of each item. Any additional charges shall not be honored for payment unless authorized in writing by the Purchasing State Agency. In cases where parties, other than the Vendor ship materials against this order, the shipper must be instructed to show the purchase order number on all packages and shipping manifests to ensure proper identification and payment of invoices. A complete packing list must accompany each shipment.
- 38) NOTICES:** Any notices required under this Contract should be delivered to the Contract Administrator for each party. Unless otherwise specified in the Solicitation Documents, any notices shall be delivered in writing by U.S. Mail, Commercial Courier or by hand.
- 39) TITLES AND HEADINGS:** Titles and Headings in this Contract are used for convenience only and do not define, limit or proscribe the language of terms identified by such Titles and Headings.
- 40) AMENDMENT:** This Contract may not be amended orally or by performance. Any amendment must be made in written form and signed by duly authorized representatives of the State and Vendor in conformance with Paragraph 31) herein.
- 41) TAXES:** The State of North Carolina is exempt from Federal excise taxes and no payment will be made for any personal property taxes levied on the Vendor or for any taxes levied on employee wages. Agencies of the State may have additional exemptions or exclusions for federal or state taxes. Evidence of such additional exemptions or exclusions may be provided to Vendor by Agencies, as applicable, during the term of this Contract. Applicable State or local sales taxes shall be invoiced as a separate item.
- 42) GOVERNING LAWS, JURISDICTION, AND VENUE:**
- a) This Contract is made under and shall be governed and construed in accordance with the laws of the State of North Carolina. The place of this Contract or purchase order, its situs and forum, shall be Wake County, North Carolina, where all matters, whether sounding in contract or in tort, relating to its validity, construction, interpretation and enforcement shall be determined. Vendor agrees and submits, solely for matters relating to this Contract, to the jurisdiction of the courts of the State of North Carolina, and stipulates that Wake County shall be the proper venue for all matters.
  - b) Except to the extent the provisions of the Contract are clearly inconsistent therewith, the applicable provisions of the Uniform Commercial Code as modified and adopted in North Carolina shall govern this Contract. To the extent the Contract entails both the supply of "goods" and "Services," such shall be deemed "goods" within the meaning of the Uniform Commercial Code, except when deeming such Services as "goods" would result in a clearly unreasonable interpretation.
- 43) FORCE MAJEURE:** Neither party shall be deemed to be in default of its obligations hereunder if and so long as it is prevented from performing such obligations as a result of events beyond its reasonable control, including without limitation, fire, power failures, any act of war, hostile foreign action, nuclear explosion, riot, strikes or failures or refusals to perform under subcontracts, civil insurrection, earthquake, hurricane, tornado, or other catastrophic natural event or act of God.
- 44) COMPLIANCE WITH LAWS:** The Vendor shall comply with all laws, ordinances, codes, rules, regulations, and licensing requirements that are applicable to the conduct of its business, including those of federal, state, and local agencies having jurisdiction and/or authority.

- 45) SEVERABILITY:** In the event that a court of competent jurisdiction holds that a provision or requirement of this Contract violates any applicable law, each such provision or requirement shall be enforced only to the extent it is not in violation of law or is not otherwise unenforceable and all other provisions and requirements of this Contract shall remain in full force and effect. All promises, requirement, terms, conditions, provisions, representations, guarantees and warranties contained herein shall survive the expiration or termination date unless specifically provided otherwise herein, or unless superseded by applicable federal or State statute, including statutes of repose or limitation.
- 46) FEDERAL INTELLECTUAL PROPERTY BANKRUPTCY PROTECTION ACT:** The Parties agree that the Agency shall be entitled to all rights and benefits of the Federal Intellectual Property Bankruptcy Protection Act, Public Law 100-506, codified at 11 U.S.C. 365(n), and any amendments thereto.
- 47) ELECTRONIC PROCUREMENT (Applies to all contracts that include E-Procurement and are identified as such in the body of the solicitation document):** Purchasing shall be conducted through the Statewide E-Procurement Service. The State's third party agent shall serve as the Supplier Manager for this E-Procurement Service. The Vendor shall register for the Statewide E-Procurement Service within two (2) business days of notification of award in order to receive an electronic purchase order resulting from award of this contract.
- a) **The successful Vendor(s) shall pay a transaction fee of 1.75% (.0175) on the total dollar amount (excluding sales taxes) of each purchase order issued through the Statewide E-Procurement Service.** This applies to all purchase orders, regardless of the quantity or dollar amount of the purchase order. The transaction fee shall neither be charged to nor paid by the State, or by any State approved users of the contract. The transaction fee shall not be stated or included as a separate item in the proposed contract or invoice. There are no additional fees or charges to the Vendor for the Services rendered by the Supplier Manager under this contract. Vendor will receive a credit for transaction fees they paid for the purchase of any item(s) if an item(s) is returned through no fault of the Vendor. Transaction fees are non-refundable when an item is rejected and returned, or declined, due to the Vendor's failure to perform or comply with specifications or requirements of the contract.
  - b) Vendor, or its authorized Reseller, as applicable, will be invoiced monthly for the State's transaction fee by the Supplier Manager. The transaction fee shall be based on purchase orders issued for the prior month. Unless Supplier Manager receives written notice from the Vendor identifying with specificity any errors in an invoice within thirty (30) days of the receipt of invoice, such invoice shall be deemed to be correct and Vendor shall have waived its right to later dispute the accuracy and completeness of the invoice. Payment of the transaction fee by the Vendor is due to the account designated by the State within thirty (30) days after receipt of the correct invoice for the transaction fee, which includes payment of all portions of an invoice not in dispute. Within thirty (30) days of the receipt of invoice, Vendor may request in writing an extension of the invoice payment due date for that portion of the transaction fee invoice for which payment of the related goods by the governmental purchasing entity has not been received by the Vendor. If payment of the transaction fee invoice is not received by the State within this payment period, it shall be considered a material breach of contract. The Supplier Manager shall provide, whenever reasonably requested by the Vendor in writing (including electronic documents), supporting documentation from the E-Procurement Service that accounts for the amount of the invoice.
  - c) The Supplier Manager will capture the order from the State approved user, including the shipping and payment information, and submit the order in accordance with the E-Procurement Service. Subsequently, the Supplier Manager will send those orders to the appropriate Vendor on State Contract. The State or State approved user, not the Supplier Manager, shall be responsible for the solicitation, offers received, evaluation of offers received, award of contract, and the payment for goods delivered.
  - d) Vendor agrees at all times to maintain the confidentiality of its user name and password for the Statewide E-Procurement Services. If a Vendor is a corporation, partnership or other legal entity, then the Vendor may authorize its employees to use its password. Vendor shall be responsible for all activity and all charges for such employees.

Vendor agrees not to permit a third party to use the Statewide E-Procurement Services through its account. If there is a breach of security through the Vendor's account, Vendor shall immediately change its password and notify the Supplier Manager of the security breach by e-mail. Vendor shall cooperate with the state and the Supplier Manager to mitigate and correct any security breach.

**48) ELECTRONIC PROCUREMENT (Applies only to Statewide Term Contracts): RESERVED**

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## **8.0 AUDIO VISUAL SCOPE AND SPECIFICATIONS**

### **8.1 GENERAL**

#### **8.1.1 DESCRIPTION OF WORK**

- a) Audiovisual Contractor will procure, assemble, install, test and document the audiovisual systems as described in these specifications and as depicted on the enclosed drawings.
- b) It is the intent of these specifications to provide audiovisual systems by specification with preferred manufacturers. The contractor shall assure they understand completely the functional requirements of the audiovisual facilities specified herein, complete the equipment list where necessary, and ensure the appropriate documentation is provided.

#### **8.1.2 SCOPE OF WORK**

- a) Refer to enclosed specifications by room for a detailed description of the various scopes of work and responsibilities which must be completed.
- b) Audiovisual Contractor Responsibilities include:
  - Review all provided drawings.
  - Project management including equipment and labor control, scheduling, and all coordination with the project team.
  - Timely procurement of all audiovisual equipment.
  - Preparation and submission of all shop drawings, for the assembly and wiring of the audiovisual systems.
  - Preparation and submission of all shop drawings, for the placement of equipment within the rooms for coordination with The College.
  - Regular job site visits to verify dimensions and to coordinate needs with The College.
  - Termination of all the low voltage cables entering the equipment cabinet in a neat, workman like manner. All cables shall be clearly labeled.
  - Coordination and delivery of the audiovisual systems to site.
  - Responsible for the delivery of AV equipment to the appropriate location on site.
  - Perform a complete and thorough testing of the audiovisual systems. Test, set levels, balance and equalize the system. Provide certification of the audiovisual systems. Acceptance and checkout with The College representative. Follow up and correction of any punch list items.
  - Preparation of as built documentation drawings, owner's manuals, and operator instructions. Provide a complete Documentation Package of all shop drawings, owner's manuals and operator instructions to The College.
  - Provide training and demonstration sessions for operators, end-users, interested executives, and others. Provide training and assistance on the proper use, operation maintenance of the audiovisual systems.
  - Verification of the amount of black drop on all projection screens is of the correct length prior to ordering any projection screen.
  - Removal of all existing and unused cables.



### **8.1.3 QUALITY ASSURANCE**

- a) The audiovisual systems shall be procured, assembled, delivered, installed, tested and checked out, as described in these specifications, by an experienced audiovisual contractor specializing in providing these types of systems.
- b) Audiovisual Contractor shall be a firm with at least five years' experience in the fabrication, assembly, and installation of commercial audiovisual systems of similar magnitude and quality as specified for the subject job and shall submit documentation to this effect.
- c) Audiovisual Contractor shall be a manufacturer or a licensed / franchised dealer for the audiovisual equipment and shall maintain a competent servicing department, equipped, and staffed to provide service on warranty claims, guarantees and repairs.
- d) The Audiovisual Contractor will include in the bid response a complete list of any subcontractors or personnel who will be working on this project, specifying the company name, individual name, and the specific portion of the project they will be involved in. If any work under this contract will be performed outside the United States, the contractor must also provide the required disclosures in accordance with Section 3.2. All subcontractors are subject to the review and approval of The College.
- e) The Audiovisual Contractor must submit all bid documents in accordance with Section 2.4 (Offer Submittal), including format, naming conventions, and confidentiality provisions.

## **8.2 EXECUTION**

### **8.2.1 ADMINISTRATION**

- a) A complete list of the project team shall be provided along with their applicable certifications in the AV industry or other trade certifications. The key contact or Project Manager for the Audiovisual Contractor must be readily available to answer any questions.
- b) Audiovisual Contractor will provide a detailed progress report to The College, weekly, via email during the project until completion. The progress report must be in the body of an email. Specific circumstances may require more frequent updates and will be provided as required.

### **8.2.2 SCHEDULE**

The schedule is of paramount importance. The Audiovisual Contractor will take whatever steps are necessary to ensure project completion on or ahead of schedule. If for any reason the Audiovisual Contractor falls behind with the work, the Audiovisual Contractor will provide, at their expense, all measures necessary to bring the project back on schedule.

This includes (but not limited to):

- a) Expediting equipment deliveries
- b) Additional manpower, overtime & double shifts
- c) Any costs associated with additional time and travel

Other Project Milestones:

- a) Installation / Rough In Checklist provided
- b) Checkout / Punch list provided
- c) Punch list complete / Acceptance by the Owner

### **8.2.3 SUBMITTALS**

- a) Audiovisual Contractor will submit all system drawings, specification sheets and details for review and approval by The College. Submissions must be approved prior to ordering equipment and prior to commencement of system fabrication.
- b) The Audiovisual submissions must include:
  - The system wiring block diagram including wire numbers.
  - Audio Visual infrastructure drawings as required for Architect/Trade coordination. These should include but are not limited to Floor Plans, Reflected Ceiling Plans, Elevations, and Details as applicable.
  - All post bid revisions and engineering clarifications.
  - Equipment cabinet front views.
  - Wall plate and custom panel details.
  - All custom fabricated items.
  - All manufacturer provided shop drawings (i.e. screens, projection systems, lecterns, consoles, etc.)
  - Any other pertinent drawings.
- c) Submission drawings (.dwg files, AutoCAD compatible and/or full size .pdf) are to be transmitted via email or approved posting method to the designated College representative.
- d) Audiovisual Contractor is responsible for submitting specification sheets and mounting details for all AV devices which make physical contact with the walls, floor, or ceiling. These submissions must be sent via email, in .PDF format and should include however are not limited to:
  - Floor boxes
  - Wall plates
  - Front projections screens (manual and electric)
  - Audiovisual equipment cabinets
  - Cameras / Mounts
  - Ceiling / wall speakers / mounts
  - Video projectors / mounts
  - Flat panel displays / mounts
  - Wall / table / millwork
- e) Audiovisual Contractor shall abide by all additional submittal procedures.

### **8.2.4 EQUIPMENT**

- a) All material and equipment to be furnished shall be new.
- b) All equipment to be furnished shall meet or exceed the stated requirements per item or system. Manufacturer options shall be provided where available for equipment.
- c) Certain equipment may be identified in these specifications and related drawings as existing or OFE (Owner Furnished Equipment). The Audiovisual Contractor is not responsible for providing but is responsible for

installing and accepting all Owner Furnished Equipment (OFE), after its removal and testing from its existing location.

- d) The contractor shall inspect, test and perform a general cleaning of any removed OFE. If any equipment needs repair, the contractor shall bring this to the attention of the consultant with a detailed description of needed repairs and estimated repair cost.

#### **8.2.5 ASSEMBLY**

- a) The systems shall be fabricated, assembled, tested, and staged at the Audiovisual Contractors facility prior to delivery to the job site whenever possible.
- b) The systems shall be assembled in accordance with industry standard wiring practices. All wiring shall be neat, separated by various levels (mic, line, speaker, ac) and provided with a service loop for servicing the equipment from the front of the console or cabinet.
- c) Jack panels, connectors, switches, and other components in equipment cabinets where used shall be engraved or labeled using laminated plastic legends fixed in place with a suitable adhesive. Legends shall be in the form of standard abbreviations, as they appear on the as-built wiring diagrams. Cable identification shall correspond to the numbers shown on the system wiring diagrams (preferred) or a cable run schedule.
- d) Audiovisual Contractor ID designations name, contact information, etc of any other type are not permitted to be displayed on any part of the audiovisual system, unless approved by The College.

#### **8.2.6 PROGRAMMING**

- a) All Control, Audio and Video programming is to be implemented by the Audiovisual Contractor.
- b) Audiovisual contractor must use a manufacturer certified programmer. Proposed programmers must be individually certified. Statements of company and/or group certifications are not acceptable.
- c) It is the responsibility of the Audiovisual Contractor to coordinate with the key manufacturers and The College as required to obtain any templates, Graphical User Interfaces (GUI), Graphics or other programming related items.
- d) If the AV Contractor hires a Sub-Contractor to provide Programming, the AV Contractor will still be solely responsible for the completion and commissioning of the systems.

#### **8.2.7 LABELING**

- a) All Audiovisual system components (including Cable, Mixer, Amplifiers, Switchers, Matrix switchers, CODEC's, Control System Central Processor, etc.) shall be labeled
- b) All labels shall be clearly legible and permanent.
- c) All labels shall be of a consistent font type and size.
- d) All labels shall be positioned and oriented in a consistent manner.
- e) Where there are multiples of the same device in the same system, each unit label shall include a sequential number as part of its designation (i.e. DVD-1, DVD-2, etc.).
- f) Where there are multiples of the same devices for multiple systems, in the same cabinet or equipment room, each unit label shall include the appropriate room identifier in addition to any sequential numbers required (i.e. CONF ROOM 101: DVD-1, CONF ROOM 101: DVD-2, CONF ROOM 102: DVD-1, CONF ROOM 102: DVD-2, etc.).

- g) For devices such as mixers or switcher with multiple inputs and/or outputs, each input and output must be labeled with its corresponding source or destination (i.e. MIC-1, MIC-2, etc.).
- h) All labels must be consistent in name and format. This consistency must carry through all aspects of the system installation (all drawings and documentation, device labels, touch panel buttons, etc.)
- i) Where applicable, labeling shall include the device IP address
- j) Cables must be fitted with a label on each side of the cable run. This applies to all cables in the equipment cabinet as well as field cable runs.

#### **8.2.8 INSTALLATION**

- a) Install all equipment in accordance with the manufacturer's instructions and applicable national and local regulations, ordinances, and codes. This includes but is not limited to plenum-rated cabling where required by the NEC and safety ratings by UL or equivalent, where required.
- b) All equipment, except portable equipment, shall be held firmly in place. The equipment cabinets shall be square and plumb. Fastenings and supports shall be adequate to support their loads with a safety factor of at least three or per the manufacturers recommended specifications or the local authority having jurisdiction, whichever is greater.
- c) The Audiovisual Contractor shall take whatever steps are necessary to prevent noise from electromagnetic and electrostatic fields, to supply adequate ventilation in the equipment cabinets, to prevent equipment vibration, and to install equipment to provide maximum safety for The College.
- d) All wiring shall be in strict conformance with all applicable electrical codes.
- e) Care shall be exercised in wiring to avoid damage to the cables and to the equipment. All joints and connections shall be made with rosin core solder or with approved mechanical connectors.

#### **8.2.9 TESTING**

- a) Test Materials and Instrumentation

Where applicable the appropriate and professional grade testing instruments are to be used as listed below.

- Audio Tests
  - Sound Level Meter and Calibrator
  - Sine Wave Generator
  - Real-Time Spectrum Analyzer
  - TEF System
  - Pink Noise/White Noise Generators
  - Voltmeter
  - Impedance Meter
  - Headphones
- Video Tests
  - Waveform Monitor
  - Vectorscope
  - Video Test Generator

- Twisted Pair Tests
  - UTP/STP Verification Tester

b) Initial Tests, Adjustments and Performance Criteria:

The contractor shall test the audiovisual systems to assure that they meet the described performance specifications. Initial tests and adjustments shall be performed by the Audiovisual Contractor, who shall include the cost of these tests in the bid proposal, shall furnish all equipment necessary, and perform all work required to determine or modify the performance of the audiovisual systems in accordance with the specifications.

c) Audio Systems

All audio systems shall meet the following performance specification when tested with an emulated input signal of appropriate device at output to sound system:

- Electrical Frequency responses: +/- 1.0dB, 40-20,000 Hz
- Total harmonic distortion: less than 1%, 40-20,000 Hz
- Inter-modulation distortion: less than 1% maximum
- Signal to noise ratio: 60 dB minimum, including cross talk and hum The Audio systems must be tested with the proper instruments as outlined in section 2.10 Item A above prior to hand off to The College.

d) Video Systems

- All video is to conform to all NTSC standards verified and demonstrated with proper documentation provided.
- EDID, HDCP, and Resolution consistency between Source and Sink shall be demonstrated.

e) Remote Controls

- Test each remote-control function from each control location and determine that all remote-control functions are operating properly.
- Backup copies of the control programming including source code shall be provided to The College as part of the documentation package.

### 8.2.10 COMPLETION CHECKLIST

The following should be considered as a best practice checklist before handoff of the project to The College.

- a) All AV equipment to be installed in the AV cabinet. Equipment cabinet side panels in place, all blanks, vents, ventilation fans and drawers installed.
- b) Equipment clocks to be set.
- c) Microphones installed, tested and operational.
- d) Computer interfaces installed, tested and operational.
- e) All in-rack cabling tested.
- f) Audio conferencing tested & working.
- g) Video conferencing tested & working. This includes any required presets.
- h) Control system program loaded, tested and de-bugged.
- i) Video projectors installed and properly aligned.

- j) Dedicated client computer installed, and connected to the network, where applicable.
- k) All LAN connections at all required device locations "live" and labeled.
- l) All documentation and owner manuals are to be provided to The College on a flash drive or approved web hosting site.
- m) All camera "presets" aligned
- n) Projection screen control operational, limits set to correct drop location.
- o) Labeling must be on all AV equipment including:
  - All inputs & outputs of a matrix switcher
  - All inputs of a mixer or amplifier
  - Dedicated IP address labeling on any devices in the equipment rack or in-room which does not display said address.
  - Equipment remote controls labeled as what device they control
- p) All surplus accessories, including but not limited to screws, adaptors, mounting places to be labeled and given to The College.
- q) All debris and boxes are to be removed from the site - all rooms are to be clean, neat & orderly.

#### **8.2.11 ACCEPTANCE**

- a) The following is a guideline but not a restriction of requirements for project checkout:
  - Inventory of all equipment with serial numbers
  - List of all IP numbers, MAC addresses and corresponding equipment
  - Inspection of the installation of all audiovisual equipment
  - Testing of the operation of the audiovisual system
  - Review of the testing procedures and results
  - All as built/record drawings to be completed and submitted by Audiovisual Contractor.
  - Training of The College's representatives by the Audiovisual Contractor.
- b) The control system is one of the most important components of the audiovisual system. The control system must be completely operational prior to the scheduled turnover. All programming shall be completed, and all control panels connected to the system and available for The College's representative to "press buttons". The College's representative can test all control functions for all devices i.e. system on/off, screens, lighting, drapes, volume, camera controls, etc. Where necessary, IR sensors, emitters and relay closures will be tested. All touch screen menus must operate and flow properly.
- c) If the AV systems fail or are not installed on time as a direct result of the Audiovisual Contractor, the Audiovisual Contractor will be responsible to pay for any additional services

#### **8.2.12 PUNCH LIST**

- a) The College will prepare and forward to the Audiovisual Contractor via email a detailed punch list of any open or incomplete items. The Audiovisual Contractor will work within The College's schedule to complete all punch list items, at which time The College's representative will re-inspect the audiovisual systems.

- b) The Audiovisual Contractor is responsible for providing onsite support to the client as needed to ensure the AV systems will be operational for Day 1. It will be the audiovisual contractor's responsibility to train any client staff as required. The audiovisual contractor is also required to provide onsite support for client meetings and/or events for any systems that have not been checked out and turned over to the client.

#### **8.2.13 DOCUMENTATION**

The audiovisual systems documentation package shall include the following items, filed electronically in compliance with Section 2.4 (Offer Submittal) requirements. Documentation must be submitted via the electronic Vendor Portal (eVP) by the proposal submission deadline and in the following formats: PDF, JPEG, or PNG (files must not be password protected).

The documentation shall be prepared and submitted as follows:

- a) Bid Response
  - Copy of final proposal or bid response
- b) Control System
  - All Final control system programming files, uncompiled.
  - Programming related documentation
  - Touch panel screen shots
  - DSP Program Files
- c) Drawings
  - 24" x 36" set of Audiovisual Contractor as built drawings
    - Architectural D
  - Copy of completed AV System Test Documentation
- d) Equipment Inventory
  - Equipment Spread Sheet
  - Serial number cataloging of equipment
  - IP address with MAC address cataloging of equipment
  - Usernames and Passwords
- e) Specifications
  - Manufacturer spec sheets
- f) Warranty
  - Signed and dated Audiovisual Contractor warranty statement
- g) Training Manual
  - Digital copy of color touch screens for client training with instructions
- h) Equipment Manuals
  - Digital copy of all equipment operation and installation manuals
  - Digital copy of any additional equipment support documentation

#### 8.2.14 TRAINING ASSISTANCE

The Audiovisual Contractor shall provide end user training on the operation of the audiovisual systems. Training sessions will be coordinated after the systems have been checked out, and all punch list items completed. The training sessions will include:

- a) Demonstration and operation on the use of the system.
- b) Familiarization with any control touch screens
- c) Hands-on operation of the audiovisual systems.
- d) Instructions on care and maintenance of the audiovisual systems.

#### 8.2.15 WARRANTY

a) The Audiovisual Contractor shall include a statement of warranty covering only the equipment, material, and labor installed as part of this project. The warranty shall not extend to any existing equipment, or any items listed under **Section 8.4.4 College Responsibilities**. The system warranty shall be for a minimum of one year from the date of system acceptance by The College. This warranty shall obligate the Audiovisual Contractor to provide all equipment, material, and labor, at no charge to The College, during the warranty period, in the event of system or equipment malfunction.

b) The warranty shall commence on the date of system turnover. In the case of contractor-modified equipment, where the manufacturer's warranty is voided, the Audiovisual Contractor shall provide The College with a warranty equivalent to that of the original manufacturer.

c) The **manufacturer's standard warranty** shall apply to all equipment installed under this contract. Upon request by The College, the Audiovisual Contractor shall provide a copy of the manufacturer's standard warranty within two (2) business days.

d) **Warranty Service Provider:**

Is the Audiovisual Contractor authorized by the manufacturer to repair equipment offered during the warranty period? ☐ YES ☐ NO

Will the Audiovisual Contractor provide warranty service? ☐ YES ☐ NO, an authorized third party will perform warranty service.

If a third party will provide warranty service, the following contact details must be provided:

**Company Name:** \_\_\_\_\_

**Company Address:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

**Contact Person Phone Number:** \_\_\_\_\_

**Contact Person Email:** \_\_\_\_\_

### **8.3 AUDIO VISUAL NARRATIVE**

This project is for two (2) spaces within the campus. The first being the Boardroom, and the second being a divisible classroom.

#### **8.3.1 BOARDROOM**

- a) The boardroom is of the traditional style, longer than wide room.
- b) 32' x 22' x 12'
- c) Tables are permanently arranged in a "U" pattern



- d) Single Screen and Projector
- e) Soft Codec Video TeleConference (VTC) with Bring Your Own Meeting (BYOM) option
  - Typical MS Teams (client) but not necessarily.
- f) Video inputs around table
- g) All Conferencing shall be done via in Room PC or Laptop at the head of the table.
- h) Each table segment to get an AV box with power
  - Three sections are to have video connectivity.
- i) The ceiling is mostly 2x2 ACT with drywall soffit near room perimeter.
- j) Existing ceiling speakers to remain
- k) Equipment racks shall be located in cabinet wall under projection screen.
- l) Wireless presentation
- m) Wireless Gooseneck Tabletop microphones for conferencing
  - Transmitters must be rechargeable
- n) Room will have in room control system Touchscreen, as well as Owner Furnished iPad access
- o) Control system will have similar UI as other existing systems in the building
  - Examples to be provided upon reward

### **8.3.2 CLASSROOMS 130 AND 131**

- a) Divisible space
  - When separated, rooms are back to back
  - When combined, all attendees face 131.
- b) Rooms are nearly identical at 24' x 31'-6" x 10'-6"
- c) The ceiling is mostly 2x2 ACT with drywall soffit at the room perimeter.
  - Each space has round chandelier fixtures
- d) Room furniture is adjustable and configurable
  - Stays in a Classroom style setup most of the time
- e) Each space to have single Screen and projector
  - Cart mounted supplemental display when combined
- f) Each space to have a College Provided teaching station that must be removable
  - Teaching station will have a College Provided PC
  - Video & USB connection for BYOD device
- g) Teaching stations to disconnect in existing floor boxes.
- h) Floor boxes will also contain audio input connection points

- i) Soft Codec Video TeleConference (VTC) with Bring Your Own Meeting (BYOM) option
  - Typical MS Teams (client) but not necessarily.
- j) Each Space to have Ceiling Microphones for VTC
  - To act as one room when combined.
- k) Each space to have wireless video presentation
- l) Each space to have wireless handheld microphones for local reinforcement.
  - Selectable for VTC use.
- m) Room will have in room control, as well as Owner Furnished iPad access.
- n) Control system will have similar UI as other existing systems in the building
  - Examples to be provided upon reward

### **8.3.3 LISTENING ASSISTANCE**

For ADA compliance, the rooms shall have a set audio output which is intended as access for a single mobile listening assistance kit. Said kit shall be able to move from location to location as needed.

## **8.4 AUDIO VISUAL SPECIFICATIONS**

### **8.4.1 BOARDROOM**

- a) Audio
  - The backbone of the Audio system shall require a Digital Signal Processor capable of:
    - Acoustic Echo Cancellation
    - 12 Analog Inputs
    - 8 Analog Outputs
    - USB Audio
    - Controllable from Control System
    - 32 x 32 Channels of Dante
    - VoIP Interface
  - 12x Wireless Gooseneck Tabletop Microphones shall be:
    - In the 470.2 to 550 MHz range
    - Have rack mounted receivers
    - Analog or Dante connectivity
    - Two transmitters per receiver
      - Dual Channel
    - Have a table stand with programmable mute switch
    - 10 hour run time
    - Condenser Cardioid

- 450mm length
- Wireless charging mat for table stand transmitter
- Reuse existing 8x Atlas FAP62T Ceiling Speakers
- Reuse existing QSC CX204V Amplifier
- Connect to Conferencing via USB
- Rack to contain a custom plate with audio patch points
  - 1x Line Level XLR input
  - 1x RCA Pair input
  - 1x Line Level XLR output

b) Video

- Wall mounted projection screen, limited to ~133in Width
  - Must cover existing drywall recess for previous system displays
    - ~117.5in x 35.25in
  - 1.1 Surface Gain
- Projector placed approximately halfway in room
  - Visually appealing anti vibration / isolation required
- Data Projector to fill projection screen
  - Minimum 6400 lumen color and white brightness
  - Laser Light source
  - Manual Zoom and Focus
  - Included Lens with 1.23:1 to 1.97:1 throw ratio
  - 15% Horizontal Lens Shift
  - +35% / -55% Vertical Lens Shift
  - Network controllable
  - HDBaseT Input
  - Use same service remote as existing projectors in other rooms
- Backbone of the Video system shall be a Matrix Switcher with:
  - Integrated Control Processor
    - Capable of connecting to a College provided iPad for room control
  - 2x Twisted Pair inputs
  - HDBaseT Output
  - Balanced Line Level audio output

- 4x HDMI inputs
- 2x Universal HD15 analog inputs
- LAN connectivity
- 3x AV LAN integrated ports
- HDCP Compliant
- 3x HDMI connections at the table shall connect to under table switcher:
  - Undertable mount and power supply mounted under table
    - Using Manufacturer hardware
  - 4x HDMI inputs
  - Twisted pair output
  - Controllable via serial
- Wireless Presentation
  - Receiver connected to Matrix Switcher
  - Dongle unit for BYOD
    - USBC Connectivity
  - Receiver to Output HDMI
  - Receiver to have LAN connectivity option
    - Currently The College does not want LAN connectivity but is future conscious.

c) Equipment Rack

- Reuse or replace existing Middle Atlantic SRSR-4-13
- Add an additional matching equipment rack to the other side of storage cabinet
- AV network switch not on The College's network
  - PoE+ available
  - Rear facing ports
  - 1G throughput
  - Manageable with preloaded profiles
  - Dante Compatible
- Service ethernet port on front of rack

d) Table Cubbies

- There Shall be a table cubby at the head of the table with the following:
  - Control Touchpanel on flitop
    - Communicate with Matrix Switcher

- 2x 120V AC outlets
  - 55W USB A on same module
  - 55W USB C on same module
  - 12A breaker
- 1x connection plate with pigtails
  - HDMI
  - USB 3 A
    - Type B on pigtail
  - USB C
  - Ethernet
- 1x USB Power Plate
  - 10 W USB A
  - 45 W USB C
  - 120V AC
- Unused space in table cubby shall be blanked up
- Flanking the head table, and at the end of the table there shall be a total of 8x Table Cubbies for Power only. Each cubby shall have:
  - Default with 1x 120V AC outlet
    - 12A Breaker
    - 2x 120v AC under table
  - Additional 120v AC plate
    - 2x USB A Power
      - 15w shared
  - Unused space to be blanked
  - Measure 7" x 3.25" x 3.2"
- Between Power cubbies there shall be a total of 2x Table Cubbies with:
  - Default with 1x 120V AC outlet
    - 12A Breaker
    - 2x 120v AC under table
  - Additional 120v AC plate
    - 2x USB A Power
      - 15w shared

- 1x HDMI connection plate
  - Connects to under table switcher
- Measure 7" x 3.25" x 3.2"
- All table cubbies to be of same manufacturer
- The College shall determine and verify all table box locations before wood cutting.

e) In Rack PC

- There Shall be a PC provided by The College within the equipment rack
- PC will be an input to Matrix switcher
- PC shall have the ability to present as well as run conferencing software

f) Conferencing

- All Conferencing shall be done via in Room PC or Laptop at the head of the table.
- All audio shall connect via USB
- USB Collaboration Switching to require:
  - 10Gbps Backplane
  - 4 port or more device side connections
  - 3x Client side connections
    - 2x USB3
      - With HDMI or DisplayPort
    - 1x USBC
  - Lan and Serial controllable
- PTZ Camera shall be mounted below projection screen
  - Dual Lens Camera with Audio Tracking
  - PoE+
  - Adjustments via LAN or serial
  - USB3 connectivity
- USBC Extension to the head table's cubby
  - USB and HDMI breakout at rack
  - 60W at table end
  - Network, RS-232, & IR available for future

g) Room Control

- The Room shall have an in room control panel locating as the flip top to the head table's cubby.
- The College shall provide an iPad which shall be able to control the room as needed.

#### **8.4.2 DIVISIBLE SPACE CLASSROOMS 130 AND 131**

a) Audio

- The backbone of the Audio system shall require two Digital Signal Processors capable of:
  - Acoustic Echo Cancellation
  - 12 Analog Inputs
  - 8 Analog Outputs
  - USB Audio
  - Controllable from Control System
  - 128 x 128 Channels of AVB
  - Be same manufacturer as Boardroom DSP
- Each section to require 4x Pendant Microphones
  - Connect digitally to DSP
  - Beamtracking
  - Mute LED indicator
  - Minimum of three lobes
  - Any excess cable or conversion box to be off the ceiling tile
- USB for each space
  - Mute sync capability
- Single Amplifier for both rooms
  - Connected Analog to DSP
  - Load sharing of 300W over 2 channels
  - High-pass filter optional switch
  - Manual Gain Trim
  - Hi-Z and Lo-Z capable
  - Maximum 1RU with included mounting bracket
  - Processing blocks within DSP
  - Thermally controlled internal fan which defaults in whisper mode.
- Reuse existing 6x Atlas FAP62T Ceiling Speakers in each section
- Combined rooms shall have 4x New Wireless Handheld Microphones
  - Same receiver model as Boardroom
  - Analog or Dante connectivity
  - 470.2 to 500 MHz range

- Rack mountable receivers
- Handheld transmitters with dynamic cardioid capsule
- 12 hours of operation using manufacturer rechargeable batteries
- Manufacturer Charging unit able to charge battery in microphone or removed
- Antenna to be extended from rack to room.
  - Form factor of antenna to resemble a WAP for aesthetics.

b) Video

- Each space shall have an electric ceiling recessed projection screen
  - 133" Diagonal with a 16:9 ratio
  - Tab Tensioned
  - 1.1 Progressive Gain
  - Three Button Decora Style Low Voltage Wall Switch
- Data Projector to fill projection screen
  - Minimum 6400 lumen color and white brightness
  - Laser Light source
  - Manual Zoom and Focus
  - Included Lens with 1.23:1 to 1.97:1 throw ratio
  - 15% Horizontal Lens Shift
  - +35% / -55% Vertical Lens Shift
  - Network controllable
  - HDBaseT Input
  - Use same service remote as existing projectors in other rooms
- Backbone of the Video system shall be a Matrix Switcher with:
  - Integrated Control Processor
    - Capable of connecting to a College provided iPad for room control
  - 2x Twisted Pair inputs
  - HDBaseT Output
  - Balanced Line Level audio output
  - 4x HDMI inputs
  - 2x Universal HD15 analog inputs
  - LAN connectivity
  - 3x AV LAN integrated ports
  - HDCP Compliant



- HDMI Input plate in existing floor box per section
  - HDMI to CAT input plate
- HDMI Output plate on partition wall between sections
  - CAT to HDMI output plate
- Wireless Presentation for each section
  - Receiver connected to Matrix Switcher
  - Dongle unit for BYOD
    - USBC Connectivity
- LAN connectivity for mobile devices

c) Teaching Station

- The College will provide a Teaching station for each section
- There Shall be a PC provided by The College within each teaching station
  - PC shall have the ability to present as well as run conferencing software
  - The College will provide a Monitor for the PC
    - A HDMI or DisplayPort Distribution Amplifier of the same manufacturer as the Matrix Switcher and HDMI extension units is required
- There shall be a HDMI cable for BYOD connectivity
- HDMI and PC shall share a controllable collaboration switcher
- All Teaching stations must be removeable and the room able to function without

d) Conferencing

- All Conferencing shall be done via in Room PC or Laptop at the Teaching Station
- All audio shall connect via USB
- USB Collaboration Switcher to require:
  - 10Gbps Backplane
  - 4 port or more device side connections
  - 3x Client side connections
    - 2x USB3
      - With HDMI or DisplayPort
    - 1x USBC
  - Lan and Serial controllable
- PTZ Camera shall be mounted on soffit housing of the Partition wall track for Presenter camera shot for each section
  - 12x Optical Zoom

- PoE+
  - Adjustments via LAN or serial
  - USB3 connectivity
  - 80.5° Field of View
- PTZ Camera shall be mounted on the wall beside the projection screen for audience camera shot in each section
  - 12x Optical Zoom
  - PoE+
  - Adjustments via LAN or serial
  - USB3 connectivity
  - 80.5° Field of View
- Each Camera shall have video extended over CAT
  - Extender shall transport network and HDMI
  - Extender shall provide DC power at Camera
  - Extender shall be mounted in a 2gang wall box
    - Camera mount shall mount to same box
- Camera video to route through video matrix switcher to allow full matrix between sections when combined.
- Each section shall have an AV Bridge to convert video to USB.
  - Of same manufacturer as Video Matrix Switcher
  - Input HDMI
  - Audio Inputs
  - Audio output
  - USB 2.0 connectivity
  - Controllable via LAN or Serial
- Video and audio USB signals to be extended via single USB 3 extender to each section for single connection point to collaboration switcher.
  - Extender shall act as a USB HUB at the client side.

e) Floor Boxes

- At each Teaching Station is an existing floor box which shall contain:
  - HDMI connection for video input
    - Send signal via CAT to Matrix
  - CAT disconnect between USB TX & RX unit

- Female XLR for ancillary audio input
  - Male XLR for audio system output
- f) Room Control
  - Each section shall have a 10" wall mounted Touchpanel
    - The layout shall correspond to the space being separate or combined
  - The College shall provide an iPad which shall be able to control the room as needed.
- g) Rack
  - Both bays shall share two 12RU racks located in the Auditorium Control room
    - Racks to require castors
    - Doors on front and back
    - Cable access grommets on top and sides
    - Height to not exceed 30"
  - Assembly to have matching Thermowrap laminate
    - Finish options to be supplied to and decided by The College
  - Rack 1 shall be for the majority of equipment
    - DSP
    - Amplifier
    - Network switch
    - Video switcher
  - Rack 2 shall be for Wireless Microphone receivers
    - Four 2 RU drawers to be installed in equipment rack to fill unused space.

#### **8.4.3 LISTENING ASSISTANCE**

- a) The portable Listening Assistance kit, shall require a 4RU portable rack bag
  - Contain a 2RU Drawer for receivers and accessories
- b) A rack mounted Listening Assistance RF transmitter
  - 72MHz
  - XLR & ¼" TRS combo input on rear
  - Headphone monitor connection on front
- c) 4x Listening Assistance Receivers
- d) 4x Single ear buds
- e) 2x Hearing Loop necklaces

#### **8.4.4 COLLEGE RESPONSIBILITIES**

The Audiovisual Contractor is to communicate with The College in a timely manner all items that fall under The College's responsibility; including but not limited to:

- a) Power Location additions and relocations
- b) Network connectivity nodes and locations
- c) Drywall modifications beyond cutting a Low Voltage plate
  - e.g., filling in an existing recess
- d) Providing GTCC graphics for programming
- e) Finalizing table box locations
- f) Providing room access for the needed installation time frame