



Powering ideas.

A PROPOSAL FOR

UNIVERSITY OF RHODE ISLAND

KINGSTON, RI

New Center for Chemistry & Forensic Science

Solicitation #:7550284

March 21, 2016

Submitted by:
HB Communications, Inc.

www.hbcommunications.com

800.243.4414





March 21, 2015

Rhode Island Department of Administration
Division of Purchases
One Capitol Hill, Second Floor
Providence, RI 02908-5855

Greetings:

Thank you for inviting HB Communications, Inc. to submit a proposal for the furnishing and installation of the presentation and display systems for New Center for Chemistry & Forensic Science at the University of Rhode Island in Kingston, RI. We appreciate the confidence displayed by your invitation.

Our team has thoroughly reviewed the plans and specifications received. We understand the project scope and expectations and are confident in our ability to meet those criteria. We have assessed the technical services and project management needs for a project of this magnitude and are prepared to allocate the necessary resources to ensure on-time project completion.

Included in our proposal, you will find an overview of HB and our qualifications for this project. HB is proud of the systems we install and service throughout the Northeast. We welcome the opportunity to demonstrate the quality of our workmanship by an on-site tour of a recently completed installation.

We look forward to meeting with your project team to share our experience, philosophy and further discuss and demonstrate our abilities to complete your project.

Regards,

A handwritten signature in black ink that reads 'George F. Bing'.

George F. Bing
Executive Vice President
HB Communications, Inc.

Corporate Office
60 Dodge Avenue
North Haven, CT 06473
203.234.9246

Boston Office
1432 Main Street
Watham, MA 02451
781.890.6046

New York Office
1130 Globe Avenue
Mountainside, NJ 07092
908.654.3600

Sales & Information
800.243.4414
Customer Service
800.852.8441

THE HB ADVANTAGE

At HB, it is our mission to help clients align the right technologies with their organizational and communication goals. We believe that audiovisual communication environments are key to fostering an engaging culture of clear communication. HB's 300+ employees work every day to ensure that our clients receive "The HB Advantage." Every member of our team is critical to the success of your project. To better understand the advantage of working with HB, please refer below.



Facilities

- Facilities strategically positioned throughout the Northeast provide timely attention and service to customers
- Headquarters in North Haven, CT is a 94,000 square foot facility housing all departments, including sales and business operations, fabrication, assembly, QA and customer service
- Additional sales, service and design offices in Waltham, MA, Mountainside, NJ and Waterford, VT



Design & Technical Teams

- We have the most highly skilled and trained technical teams in the industry
- Certifications include InfoComm CTS, CTS-I, CTS-D, OSHA certified, Crestron Gold Certified Master Programmers and Crestron Silver Certified programmers
- Staff assists various councils with training programs and industry standards development
- Provide design and technical teams with opportunities for continued education and training



The HB Process

- Sales staff, backed by design team, work to establish customers' exact needs and requirements; handoff is then made to operations team, from which a project manager and lead technician are assigned
- The HB team is led by a Project Manager who is the primary single point of contact.
- Weekly operations meetings communicate project status and issues, plan and allocate resources
- Maintain strong relationship with specialized sub-contractors to fill contractual and time-critical requirements when necessary
- Tech Center maintains extensive design, CAD and fabrication departments; engineering manager with a team of designers and draftsmen oversee all technical aspects of projects
- Quality control specialist oversees testing and approves all assembled systems prior to shipment to the site and installation; equipment racks are fabricated and systems are staged and tested prior to delivery to the project site
- Experienced service technicians round out the project team with factory training for the equipment and systems they represent
- HB also offers service and repair at customers' sites on contractual, PM and T & M bases



Awards & Recognition

- Installations in lecture halls at America's top law schools and universities, executive boardrooms for Fortune 500 companies, network operations centers of leading telecommunications providers, government television studios and other high profile display environments
- Work has been featured in publications, such as System Contractor News (SCN), Sound and Communications, Imagine magazine and others
- Annually ranked among the top 10 in the SCN Top 50 System Integrators

HB SOLUTIONS

At HB, We design, build and support audiovisual communication environments for organizations of any size around the world.



Video Collaboration/Unified Communications

- Great collaboration is essential to the success of any organization. HB can help you create a powerful collaboration platform using a variety of technologies.
- Huge investment in HB employee certifications and technical training
 - Unified Communications
 - Immersive Telepresence
 - Cloud
 - Huddle Spaces
 - Mobile
 - Classrooms
 - Desktop
 - Telehealth
 - Conference Rooms
 - Command and Control Centers



Content Creation

- Engaging content is key to great communication; from entertainment to a variety of corporate communication applications. HB can help you align the best content creation solutions with your organization's needs.
 - Content Capture/Acquisition
 - Broadcast Studios
 - Content Storage Systems
 - Production Facilities
 - Encoding/Transcoding
 - Music Studios
 - Post Production/Animation
 - Cable Access/PEG
 - Audio Editing/Production



Content Sharing/ Digital Media

- The sharing of information, ideas and experiences is best done through an engaging audiovisual medium. HB can help align the right technologies with your content sharing needs. From local and global corporate communications to news and sports broadcasting we can help.
 - Digital Signage
 - Content Delivery
 - Advanced Display
 - Video Walls
 - Webcasting

HB SERVICES AND SUPPORT

On-site or remote. Reactive or proactive. Local or global. HB offers a wide range of remote and on-site services aligned with your business priorities to ensure the right levels of support for a wide variety of audiovisual communications needs. Our support and cloud services are not just an afterthought; they are a fundamental priority for any clients' audiovisual solution.



Professional

- Our team of passionate industry professionals works with you to design and build reliable and easy-to-use audiovisual communication environments.
- Discovery, Project Management, Engineering, Drafting, Fabrication, Quality Assurance, Installation, Programming, Unified Communications, Training, Creative Services.



24/7 Global Helpdesk

- In two words; accessible, accountable. Global Helpdesk means one contact - no matter where in the world you are for trouble reporting, user support, and on-site service.



Repair and Service

- We've discovered the best way to fix a problem is to not have on in the first place. That's why scheduled preventative maintenance visits are included to ensure everything works as designed.
- However, stuff does happen. We have on-call teams who can repair just about anything on-site and at your (more than likely) time-sensitive convenience.



Global Staffing

- We can assign our experts to your site as an extension of your staff. Full time or part time, ranging from temporary expertise to total outsourced staffing.



Remote Monitoring and Management

- Remote Monitoring and Management services identify and remedy faults – often before problems impact users – and provide ongoing configuration and change support.
- A second level of expertise involves dedicated HB Engineers who, as an extension of your staff, provide architecture and planning expertise as well as operational support.



Conference Scheduling and Production

- Conference Productivity and Concierge services ensure video conferences happen efficiently and ensure participant productivity.



Video Meeting Suites

- HB has access across the globe to more than 4000 video-ready meeting suites that enable you to conduct business-class meetings face-to-face without traveling.



Cloud

- Cloud Video Bridging - managed and on-demand multi-party meetings without additional infrastructure.
- Webcasting - create and deliver impactful video presentations with rich media and broadcast them to literally thousands of viewers cost-effectively, as well as options for participant interaction via audio, text or social media.
- Hosting - our hosting options provide the environment, operations and staff.

HB LIVE EVENT PRODUCTION

HB Live, Inc., headquartered in North Haven, CT is an event production company that blends creativity, technology, and logistics to create experiences that connect people to the message behind the event. HB Live works with clients to fully understand their vision and goals and then suggest creative and technical solutions to bring their ideas to life. We can produce any variety of events from small corporate meetings to large music festivals. Bring your idea to the table and HB Live will help you in any way they can.



Event Consulting

- We can work with you and your rough ideas from the very beginning to help you imagine, plan, and execute all aspects of your event.



Live Event Management

- We understand in depth what it takes to manage an event to a success. All the logistics that go into managing people, equipment and locations is something we have a formula for.



Creative Services

- We have a variety of creative services to help you create a more engaging experience; our creative staffs are always looking for the next place to direct their passion for artistic expression.



Technical Production Services

- We have a highly skilled technical team that is proficient in a variety of trades from technology set up and operation to stage and scenic installation.



Gear and People

- Our people and gear are available if you have the rest of the event handled and just need some technology and operators to help you out.

ASSOCIATIONS

We believe in building relationships with our customers and industry professionals, which is why HB is an association member, affiliate or sponsor of the organizations below. Please visit these organizations' websites to learn more about their mission and purpose.



InfoComm International

www.infocomm.org



National Systems Contractors Association

www.nasca.org



Professional Systems Network International

www.psni.org



Society Of Motion Picture And Television Engineers

www.smpte.org



Armed Forces Communications And Electronics Association

www.afcea.org



GSA Schedule

www.gsaadvantage.gov/advantage/main/home.do



Media Educators Of America

www.mediaedoa.org



Society Of Environmental Graphic Design

www.segd.org



The Building Of America Network

www.buildingofAmerica.com



MassAccess

www.massaccess.org

STATE LICENSING

In order to protect public health, welfare and safety, some states require licensing for workers in various trades, including low-voltage. Audiovisual systems fall into this category.

State licensing provides standards for trade practices and codes of conduct and that technicians are screened for the qualifications necessary to meet those practices. HB has invested in the necessary training, certifications and licenses to remain in compliance with regulations in all states in which we operate.

HB urges all customers to confirm that all vendors/contractors/system integrators meet compliance with state regulations. Failure to meet compliance can cause a project to be shut down by state or local authorities as well as create a lack of harmony between trades-people.

HB Communications, Inc. meets all license compliances in the states listed below. Licenses held and issuing commissions are listed as well. Copies of individual licenses may be obtained from Ronan Golding, HB's vice president of operations CT, 203.234.9246.

Connecticut (CT License #ELC. 0200599-E1)

Electrical Unlimited Contractor license

C6 Electrical Limited Journeyman or Qualified Apprentice license (minimum for all technicians)

Issued by: Department of Consumer Protection – Occupational and Professional Licensing; Tel. 860.713.600;
www.state.ct.us/DCP/

Rhode Island (RI License #TSC – 5079)

Telecommunications System Contractor License (TSCL)

Telecommunications System Technician (TST)

Telecommunications System Licensed Installer (TSLI)

Issued by: Department of Labor and Training – Professional Regulation Division; Tel. 401.462.8533;
<http://www.dlt.ri.gov/profregs/>

PROJECT SPECIFIC CLARIFICATIONS

1. This proposal is based on the award of the entire project as specified. Changes in scope or room quantities may affect volume discounts and/or per-room labor pricing for shared tasks such as engineering and programming.
2. HB has carefully reviewed the plans and specifications received. Items have been added or modified to the equipment list in order to submit a proposal that will provide functional systems per the design and functional intent interpreted. These items are highlighted Bold Italic for easy identification. Please note ***equipment qualifications and exclusions noted in Bold Italic are on individual equipment pages.***
3. All labor costs included in this offering are based on use of HB staff, non-union personnel. All labor costs are calculated as straight-time during normal business hours. Requirement for union or overtime rates are considered additional to this offering.
4. If, through no fault of HB, the agreed upon installation schedule changes, HB will exercise its best efforts to accommodate the new schedule. Any costs associated with schedule changes are considered outside of the scope of this offering and will be negotiated as required.
5. Reference to section 274100.2.2.A – We assume any/all low voltage interfaces required to connect Ambient Light Control to the AV systems shall be furnished & installed by others.
6. Reference to section 274100.2.2.B – HB Communications is not a specialist in isolating & solving building vibration issues and we exclude any services or responsibilities to address and correct building vibration issues.
7. Reference to section 274100.2.2.C – HB Communications will provide fire safety connection to AV systems only in those rooms where a control system is present.

REFERENCES

HB is proud of the systems we have installed and continue to service throughout the Northeast. Many of our customers have worked with us on multiple projects spanning years. Please feel free to contact any of the references below.

Harvard Extension School

Rod Lindhiem

Cambridge, MA

Tel: 617.384.8308

Email: Rod_lindheim@harvard.edu

Project Scope: Multiple classrooms, distance learning classrooms, centralized control with head end with user stations.

Quinnipiac University

Vincent Buccino

Tel: 203-582-3122

Email: Vincent.buccino@quinnipiac.edu

Project Scope: Continuous & ongoing projects

Typical Annual Revenue: \$2,000,000 - \$3,000,000

Yale School of Management

Ken Wieler

Tel: 203-432-8913

Email: Kenneth.wieler@yale.edu

Project Scope: Designed, developed and implemented a campus wide technology program for the new Evans Hall, home of the Yale School of management. Included in the project were public videowalls, informational signage, Room scheduling, auditorium, public speaking forums, studio, Media Center, AV data center and 16 classrooms. The classrooms included• High-definition video conferencing in all classrooms that will allow students to interact with remote guest speakers or their peers at schools around the world.

- Wireless screen sharing in breakout rooms and classrooms that will allow students to mirror their laptop or smartphone screens on a large screen when collaborating with their colleagues.
- Custom, multifunctional lecterns, designed with faculty input, for controlling presentations, annotating lectures, and other teaching tasks.
- A centrally managed Media Control Center from which IT staffers can remotely control all of the technology installed in each classroom, including high-definition cameras with which they can record lectures or stream live video over the internet.

Project Amount: \$10,500,000

Project dates: 1/2010 – 1/2013

WARRANTY

All equipment contained in this system includes and is governed by a manufacturer's warranty. All manufacturers' warranties are honored and serviced by HB. HB warrants all system installations for one year. System installation includes the workmanship and labor provided by HB Communications and all of its subcontractors covering the scope of work included in this proposal.

Non-Equipment

During the first year, HB will provide all necessary labor required to repair or replace any defects in workmanship, cabling, connectors, equipment mounting, software and all other "non-equipment" related systems installed under the contract.

Equipment

System warranty shall include the coverage of all equipment, specific to each manufacturer's warranty for each product included in the contract.

Service & Response Times

Scheduled service shall be performed for corrective service and emergency maintenance and then only during normal business hours during normal business days. Normal business hours shall be from 8:00 AM to 5:00 PM and normal business days Monday through Friday, national and local holidays accepted.

HB makes every effort possible to respond to customers' needs as quickly as possible. Response time from a customer's initial call for emergency service is usually within two (2) hours for telephone response and twenty-four (24) hours for on-site service.

Exclusions

Unless otherwise covered under a manufacturer's warranty, the remedy of failure caused by the following is excluded from the Warranty: normal use and wear, hazardous environmental conditions, continual use in excess of manufacturer's recommendations and alteration of the system or any of its component parts.

Customer shall be responsible for the costs of any repair or replacement parts resulting from exposure of the equipment to abnormal acts or operating conditions over and above expected wear and tear such as fire, storm, lightning, theft, physical abuse, mishandling, vandalism, acts of God, or other causes beyond the reasonable control of HB, for use of a product in an application other than what the unit was intended for or attempted repairs by anyone other than HB's personnel or designated agent.

Such repair or replacement, when requested by the Customer, will be done by HB and billed to the Customer at the published rate, including parts and labor. HB's standard field service rate is \$140.00 per hour during normal business hours, portal to portal, with a minimum charge of four hours.

Warranty Period

The warranty period shall begin when the client receives beneficial use of the system, or at final acceptance, whichever comes first.

SERVICE AGREEMENTS

Upon expiration of the Standard Warranty period, future service by HB is provided under Time and Materials terms and fees applicable at that time unless Customer engages in a Service Agreement. The benefit of HB Service Agreements is that HB will continue to warrant the workmanship and labor, provide Service Level Agreement (SLA) response time commitments, and include an agreed number of Preventive Maintenance Visits during the term of the contract.

Service Level Agreements (SLA)

HB offers three maintenance agreements based on varying degrees of service and response times. Of course, plans can be customized to individual circumstances and needs. Agreements are typically entered into for one to three years.

	PLATINUM	GOLD	SILVER
Emergency call back	1 hour	1 hour	1 hour
On-site visit after initial call	4 hours (24/7)	1 business day	2 business days
Preventive maintenance visits	4 visits/year	2 visits/year	1 visit/year
Loaner projector(s)/display(s)	Yes	Yes	No
Onsite emergency visits	Unlimited	Unlimited	Unlimited
Training for all equipment	Unlimited	Unlimited	No
Advanced parts replacement	24 hours for most major hardware	2 business days	Standard ground shipping
Access to video test facilities	24 hours (scheduling ahead required)	During regular business hours	No
System functionality guarantee	Yes	Yes	Yes
Phone support	Unlimited	Unlimited	Unlimited
Rental and event support service can be provided through HB Group	Available	Available	Available

Strategic Staffing Services

Under an HB Staffing Agreement, HB assigns each Customer one or more HB Audio Visual Support Specialist (AVSS) to assist in the use and operation of the systems at the customer facility. HB Staff Technicians are an extension of our client's staff and report daily to their assigned client site. They are typically responsible for ongoing support for the use and functionality of audio and video technology, providing support for users, meeting and events, and may be involved in the planning and implementation of change or new installation of AV, Video, or related solutions at the client location.

STANDARD TERMS & CONDITIONS

Millwork

All millwork shall be supplied by the Customer, unless specifically identified on the accompanying equipment list. It is the responsibility of the Customer and/or its agents to fabricate the millwork pieces to conform to all dimensional, electrical and thermal requirements.

Blocking/Supports

All in-wall blocking required to support AV equipment or displays shall be furnished and installed by others.

Loudspeaker Rigging

HB assumes that all loudspeaker rigging attachment points to base building structure will be engineered and installed by others. Rigging hardware included in this offering is limited to hardware attached to the loudspeaker for purposes of flying and aiming the loudspeaker, vertical cables and shackles or other hardware to attach to structural hanging points by others. No horizontal structural steel is included.

Structured Wiring and Services

All voice and data communications cabling associated with this proposal shall be furnished and installed others. All voice and data services associated with this proposal, including those for audio or video conferencing, must be active and tested per specifications and the installation and testing schedule.

Phasing and Grounding

All 120-volt AC receptacles and power purposed with feed to all equipment must be independent ground and same phase. If HB discovers improper phasing or grounding to be the cause of functional anomalies, Customer will remedy without penalty or cost to HB.

Vibration, Ambient Noise and Acoustics

Excessive vibration may cause certain equipment (i.e., ceiling-mounted video projectors and microphones) to malfunction. Conference and recording systems, which employ open microphones, may not perform properly if excessive ambient noise or reverb is present. If any of these conditions exist, HB will be held harmless; costs associated with remedy of these conditions will be considered billable to the Customer.

Low Voltage Interfaces

Only those low voltage interfaces specifically included on the attached equipment list are included in this offering. All owner furnished equipment is assumed to be supplied with the appropriate low voltage interface and low voltage interfaces required to connect to any systems furnished and/or installed by others, are assumed to be supplied by the contractor.

Restocking Fees

Any equipment ordered for the project and then returned at the discretion of the Customer will be subject to a restocking fee.

Owner Furnished Equipment (OFE)

All equipment furnished by the Customer, whether new or used, is presumed to meet original specifications and functionality. If any OFE does not meet specifications, cost of all remedies will be borne by the Customer.

Seismic Certification & Compliance

The cost of any seismic studies or remedies required by local or state-building codes is not included in this proposal.

ROOM READINESS

The following describes the physical conditions we require at the site in order to bring equipment into the designated area. These “room ready” conditions have been developed to insure proper site conditions that pose no compromise to the proper operation and performance of the equipment. Further, they will allow our installers to work at maximum efficiency insuring timely completion. Where reasonable or possible:

Conduit

Prior to commencement of work by HB, Customer will assure that adequate cable pathways or conduit are furnished. All conduit may not exceed 40% fill per NEC standards. If HB discovers insufficient conduit capacity, Customer will remedy without penalty or cost to HB.

120-Volt Power

All permanent 120-volt AC power and work is the responsibility of the Customer and must be in place. This includes the electrical connection to any electric projection screens. All receptacles must be properly grounded per NEC requirements, and all circuits must be of sufficient capacity to provide full turn on power to all system racks without tripping breakers. Location of all 120-volt receptacles must be within reasonable and logical proximity of equipment.

Equipment Delivery

Prior to the delivery of all equipment and electronics, all spaces are “broom-clean” and the site is free of dust and dirt. All construction, including drywall, painting, ceilings, flooring and millwork is complete. If, at the discretion of the Customer, equipment is brought to site before it is clean, functionality, longevity and warranties may be compromised.

OSHA Requirements

Prior to commencement of work by HB, the job site must meet OSHA requirements for a healthful workplace. Appropriate safety policies should be set, maintained, and enforced by all work forces.

Completion And Test

The project schedule must allow sufficient time for completion of all installation and final testing of systems prior to occupancy of the site. If sufficient time is not allowed, HB will be held harmless for systems that do not meet requirements. In this case, all costs associated with completion of work, including overtime labor rates, will be considered outside the scope of this offering and billable to the Customer.

PAYMENT TERMS & CONDITIONS

The following represents typical terms for a project of this nature.

All prices are guaranteed for a period of sixty (60) days and thereafter are subject to manufacturers' increase prior to equipment order. Title to all equipment shall pass to Customer as of the date of application for payment (AIA form G702) upon receipt of payment in full less applicable retainage.

Standard AIA G702, G703 billing documentation will be employed. HB will invoice monthly for all goods stored in our warehouse and all non-equipment costs incurred during that month. Verification of goods received will be supplied upon request. Verification may be in the form of receiving records, serial numbers, photographs, personal inspection or other agreeable format.

Retainage of 10% will be extended on all invoices. Upon 60% project completion, all retainage will be reduced to 5%. Final retainage will be paid upon client acceptance of the completed project. All invoices will be due promptly net 30 days.

Upon award of the project, HB will submit a mobilization requisition equal to 30% of the contract to be processed with the next billing cycle.

A written contract or hard copy purchase order with clear payment terms must be received prior to equipment ordering.

Insurance

- An insurance certificate detailing typical coverage is attached
- Any additional coverage, if required, will be billed at cost

Item #	Qty	Manufacturer	Model	Description	Unit	Total
35 Person Classroom 215						
1	1	Epson	PRO G6450WU	WUXGA 4500 Lumens, LCD projector with standard lens	2,621.00	2,621.00
2	1	Chief	RPMB298	Projector mount including custom length black pipe, keyed 702	162.00	162.00
3	1	Chief	CMS492C	2'x2' plenum rated storage box with column drop for RMC & APC-C2 above projector inside drop ceiling	393.00	393.00
4	1	Draper	Owner Furnished	Projection Screen, Targa, Provided by Owner	OFE	OFE
5	1	Crestron	DM-RMC-4K-Scaler-C	Digital media receiver	1,035.00	1,035.00
6	1	APC	C2	Surge protector for projector	49.00	49.00
7	1	Crestron	DMPS3-4K-150-C	Digital media presentation switcher	2,875.00	2,875.00
8	1	Crestron	MP-B20-B-T	Media presentation button panel	288.00	288.00
9	1	Crestron	AM-100	Air Media - connected to new dedicated ethernet drop	920.00	920.00
10	1	Crestron	PW-4818DU	PODM power supply	144.00	144.00
11	1	Crestron	FT-PWR-D	Fliptop power center	518.00	518.00
12	1	Netgear	FVS318G	Router	139.00	139.00
13	1	Sony	BDP-S5100	Blu-ray dvd player with custom rack mount	94.00	94.00
	1	Middle Atlantic		custom rack mount	87.00	87.00
14	1	Extron	60-632-02	1RU AAP301 AAP rack mount. Black	104.00	104.00
	1	Extron	70-093-72	(3) RCA F/F Video input plate with silkscreen. Black	46.00	46.00
	1	Extron	70-587-11	AAP 3.5MM Stereo Mini-Jack. Black	23.00	23.00
	1	Extron	70-093-11	RCA F/F red/white audio output for Assitive Listening	23.00	23.00
15	1	Extron	26-566-03	MCGA-A M-M/12. User VGA cable connect to input #2	38.00	38.00
16	1	Dell	Owner Furnished	Owner furnished computer inside Lectern	OFE	OFE
17	1	Wolfvision	VZ-3S	Digital document camera connects to VGA input #3	2,295.00	2,295.00
	1	Wolfvision	102400	Replacement dry erase working station	42.00	42.00
18	1	Samsung	S22C650D	22" LCD display	230.00	230.00
19	1	Ergotron	45-241-026	LX desk mount LCD arm	146.00	146.00
20	1	Marshall Furniture	ELCO-35 System Lectern	Podium with built in 14RU rack. Maple Melamine	1,984.00	1,984.00
<i>The equipment list has the following items:</i>						
21	0	Extron	60-1302-01	XPA1002-70V, 2 Channel audio amplifier		
22	0	JBL	Control 25 WH	Wall mounted loudspeakers, 70V full range with hardware. White		
<i>AV-121 shows 4 ceiling speakers</i>						
<i>AV-303 shows a mono amp feeding a single loudspeaker line</i>						
<i>We will provide:</i>						
1		Extron	60-850-01	single channel 70V amplifier	397.00	397.00
1		Extron	60-190-01	rack mount (for 2 units)	75.00	75.00
4		JBL	Control 24CT	Flush mounted loudspeakers, 70V full range with hardware, white.	91.00	364.00
23	1	Middle Atlantic	D2LK	2RU rack drawer with B399A keyed alike. Cylinder for drawer	116.00	116.00
24	1	Middle Atlantic	PD-915R-L	1RU rack mounted power strip/surge protector	73.00	73.00
25	1	Surgex	SX-1120-RT	1RU rackmount power strip with 12 outlets installed inside podium back rails. Slave connected to MA PD-915R-PL	574.00	574.00
26	1	HB		cables, connectors and all hardware necessary to install a complete working system	531.00	531.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
35 Person Classroom 215 Equipment Total						\$16,386.00
Non Equipment						
1	1	HB		Engineering		300.00
2	1	HB		Drafting & Documentation		360.00
3	1	HB		Programming		1,040.00
4	1	HB		Shop Assembly/Fabrication/QC		906.00
5	1	HB		Project Management		525.00
6	1	HB		Site Installation & QC		2,419.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		313.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$5,863.00
GRAND TOTAL						\$22,249.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Lobby 101						
1	1	Chief	MTMP1U	Portrait wall mount for LCD display #1	112.00	112.00
2	4	NEC	P703	70" LCD display	6,651.00	26,604.00
3	3	CHIEF	LTMU	Tilting wall mount for LCD display	196.00	588.00
4	4	APC	C2	Surge projector for display	49.00	196.00
5	4	Crestron	DM-TX-201-C	Digital media transmitter	748.00	2,992.00
6	4	Crestron	DM-RMC-4K-100-C	Digital media receiver	518.00	2,072.00
7	4	Dell	Owner Furnished	Owner supplied PC	0FE	0FE
	1	HB		cables, connectors and all hardware necessary to install a complete working system	535.00	535.00
Lobby 101 Equipment Total						\$33,099.00
Non Equipment						
1	1	HB		Engineering		150.00
2	1	HB		Drafting & Documentation		180.00
3	1	HB		Programming		NA
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		315.00
6	1	HB		Site Installation & QC		1,742.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		633.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$3,020.00
GRAND TOTAL						\$36,119.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Lobby 200						
1	1	NEC	P703	70" LCD display	6,651.00	6,651.00
2	1	CHIEF	LTMU	Titling wall mount for LCD display	196.00	196.00
3	1	APC	C2	Surge projector for display	49.00	49.00
4	1	Crestron	DM-TX-201-C	Digital media transmitter	748.00	748.00
5	1	Crestron	DM-RMC-4K-100-C	Digital media receiver	518.00	518.00
6	1	Dell	Owner Furnished	Owner supplied PC	OFE	OFE
	1	HB		cables, connectors and all hardware necessary to install a complete working system	134.00	134.00
Lobby 200 Equipment Total						\$8,296.00
Non Equipment						
1	1	HB		Engineering		150.00
2	1	HB		Drafting & Documentation		60.00
3	1	HB		Programming		NA
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		210.00
6	1	HB		Site Installation & QC		497.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		159.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$1,076.00
GRAND TOTAL						\$9,372.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
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Teaching Labs 120, 130, 135, 140, 145, 150, 220, 235, 240 (9)

AV-112 shows 2 monitors per lab on the first floor
 AV-122 shows 1 monitor per lab on the second floor
 Addendum 3 / RFI 9 refers to installing 2 monitors per AV-121 (which isn't a relevant drawing)
 SKAV-02 lists all the labs 1st floor and 2nd floor as requiring 2 monitors

We are bidding this with 2 monitors in every lab per the SK even though we don't think that 2 monitors are required in the 2nd floor labs.

1	2	NEC	V652	65" LCD display	3,118.00	6,236.00
2	2	Chief	LTMU	Tilting wall mount for LCD display	196.00	392.00
3	2	APC	C2	Surge projector for display	49.00	98.00
4	1	Crestron	DM-RMC-4K-100-C	Digital media receiver	518.00	518.00
5	1	Crestron	DM-TX-201-C	Digital media transmitter	748.00	748.00
6	1	Crestron	MP-WP152-W	Media presentation wall plate - HDMI	69.00	69.00
7	0	Crestron	HD-MD-400-C-E	HD scaling presentation switcher & extender 400		

The monitors specified have only a DVI output / not an HDMI so an HDMI DA will be required to share the output of the DM receiver which is receiving the feed from the lab bench.

The cost is the same but the DA approach insures audio from both monitors.

	1	Crestron	HD-DA2-4K-E	1*@ HDMI DA	173.00	173.00
	1	Crestron	HD-EXT4-C-B_SYSTEM	4K HDMI extender	575.00	575.00
8	1	HB		cables, connectors and all hardware necessary to install a complete working system	180.00	180.00

Teaching Labs 120, 130, 135, 140, 145, 150, 220, 235, 240 (9) Equipment Total - per room

8,989.00

Teaching Labs 120, 130, 135, 140, 145, 150, 220, 235, 240 (9) Equipment Total

\$80,901.00

Non Equipment

1	1	HB	Engineering	150.00
2	1	HB	Drafting & Documentation	300.00
3	1	HB	Programming	NA
4	1	HB	Shop Assembly/Fabrication/QC	NA
5	1	HB	Project Management	525.00
6	1	HB	Site Installation & QC	8,307.00
7	1	HB	UC Services	NA
8	1	HB	Union Installation	NA
9	1	HB	G&A	1,544.00
10	1	HB	Sales Tax	TE

Non-Equipment Total

\$10,826.00

GRAND TOTAL

\$91,727.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Advanced Teaching Chem Lab 280						
1	4	NEC	P403	40" LCD display	1,149.00	4,596.00
2	4	CHIEF	LTM1U	Tilting wall mount for LCD display	196.00	784.00
3	4	APC	C2	Surge projector for display	49.00	196.00
4	4	Crestron	DM-TX-201-C	Digital media transmitter	748.00	2,992.00
5	4	Crestron	DM-RMC-4K-100-C	Digital media receiver	518.00	2,072.00
6	1	Dell	Owner Furnished	Owner supplied quad HDMI output PC	OFE	OFE
7	1	Custom	Custom	Pass thru wallplate for 8G+ (PC to LCD)	incl. below	incl. below
	1	Middle Atlantic	CFR-10-18	Credenza rack per RFI 11 / Addendum #3	178.00	178.00
	as req			Shelves, blanks, etc	incl. below	incl. below
8	1	HB		cables, connectors and all hardware necessary to install a complete working system	523.00	523.00
Advanced Teaching Chem Lab 280 Equipment Total						\$11,341.00
Non Equipment						
1	1	HB		Engineering		150.00
2	1	HB		Drafting & Documentation		120.00
3	1	HB		Programming		NA
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		210.00
6	1	HB		Site Installation & QC		639.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		216.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$1,335.00
GRAND TOTAL						\$12,676.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Small Conference Room 225A						
1	1	NEC	V652-AVT	65" LCD display with speakers	3,230.00	3,230.00
2	1	CHIEF	LTMU	Tilting wall mount for LCD display	196.00	196.00
3	1	APC	C2	Surge projector for display	49.00	49.00
4	1	Crestron	AM-100	Air media receiver	920.00	920.00
5	1	HB		cables, connectors and all hardware necessary to install a complete working system	45.00	45.00
Small Conference Room 225A Equipment Total						\$4,440.00
Non Equipment						
1	1	HB		Engineering		NA
2	1	HB		Drafting & Documentation		60.00
3	1	HB		Programming		NA
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		210.00
6	1	HB		Site Installation & QC		213.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		86.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$569.00
GRAND TOTAL						\$5,009.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Conference Rooms 327, 372, 427 & 472 (4)						
1	1	NEC	P703-AVT	70" LCD display with speakers	6,756.00	6,756.00
2	1	CHIEF	LTMU	Tilting wall mount for LCD display	196.00	196.00
3	1	APC	C2	Surge projector for display	49.00	49.00
4	1	Crestron	DM-TX-201-C	Digital media transmitter	748.00	748.00
5	1	Crestron	DM-RMC-4K-100-C	Digital media receiver	518.00	518.00
6	1	Crestron	AM-100	Air media receiver	920.00	920.00
7	1	Crestron	MPC-M20-B-T	Media presentation button panel	857.00	857.00
8	1	HB		cables, connectors and all hardware necessary to install a complete working system	201.00	201.00

Conference Rooms 327, 372, 427 & 472 (4) Equipment Total - per room 10,245.00

Conference Rooms 327, 372, 427 & 472 (4) Equipment Total \$40,980.00

Non Equipment

1	1	HB	Engineering	150.00
2	1	HB	Drafting & Documentation	180.00
3	1	HB	Programming	312.00
4	1	HB	Shop Assembly/Fabrication/QC	NA
5	1	HB	Project Management	210.00
6	1	HB	Site Installation & QC	3,276.00
7	1	HB	UC Services	NA
8	1	HB	Union Installation	NA
9	1	HB	G&A	783.00
10	1	HB	Sales Tax	TE

Non-Equipment Total \$4,911.00

GRAND TOTAL \$45,891.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Conference Room 300						
1	1	NEC	P703-AVT	70" LCD display with speakers	6,756.00	6,756.00
2	1	CHIEF	LTMU	Tilting wall mount for LCD display	196.00	196.00
	1	APC	C2	Surge projector for display	49.00	49.00
3	1	FSR, Inc.	CB-22	2'x2' plenum rated storage box for RMC & APC-C2 above projector inside drop ceiling	460.00	460.00
4	1	Extron	60-850-01	single channel 70V amplifier	397.00	397.00
5	1	Crestron	DM-RMC-4K-100-C	Digital media receiver (amp not required)	1,150.00	1,150.00
6	1	APC	C2	Surge projector for display	49.00	49.00
7	1	Crestron	AM-100	Air media receiver	920.00	920.00
8	1	Neatgear	FVS318G	Router - configured with port forward from WAN to DMPS to allow communications between URI fusion server. Prosafe 8-port gigabit VPN firewall FVS315G	139.00	139.00
9	1	Crestron	DM-TX-200-C-2G	Digital media transmitter, wall plate	805.00	805.00
10	1	Crestron	MPC-M20-B-T	Media presentation control system button panel	857.00	857.00
11	4	JBL	Control 24CT	Flush mounted loudspeakers, 70V full range with hardware, white.	91.00	364.00
12	1	HB		cables, connectors and all hardware necessary to install a complete working system	253.00	253.00
Conference Room 300 Equipment Total						\$12,395.00
Non Equipment						
1	1	HB		Engineering		150.00
2	1	HB		Drafting & Documentation		240.00
3	1	HB		Programming		416.00
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		315.00
6	1	HB		Site Installation & QC		1,671.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		237.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$3,029.00
GRAND TOTAL						\$15,424.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Conference Room 400A						
1	1	Epson	PRO G6450WU	WUXGA 4500 Lumens, LCD projector with standard lens	2,621.00	2,621.00
2	1	Chief	RPMB298	Projector mount including custom length black pipe, keyed 702	162.00	162.00
3	1	Chief	CMS492C	2'x2' plenum rated storage box with column drop for RMC & APC-C2 above projector inside drop ceiling	393.00	393.00
4	1	Draper	Owner Furnished	Projection screen, Targa. Provided by Owner	OFE	OFE
5	1	Crestron	DM-RMC-200-C	Digital media receiver	1,150.00	1,150.00
6	1	APC	C2	Surge protector for display	49.00	49.00
7	1	Crestron	AM-100	Air media receiver	920.00	920.00
8	1	Neatgear	FVS318G	Router - configured with port forward from WAN to DMPS to allow communications between URI fusion server. Prosafe 8-port gigabit VPN firewall FVS315G	139.00	139.00
9	1	Crestron	DM-TX-200-C-2G	Digital media receiver, wall plate	805.00	805.00
10	1	Crestron	MPC-M20-B-T	Media presentation control system button panel	857.00	857.00
11	2	JBL	Control 24C (not -CT)	Flush mounted loudspeakers, 70V 8 ohm full range with hardware, white.	91.00	182.00
12	1	HB		cables, connectors and all hardware necessary to install a complete working system	277.00	277.00
Conference Room 400A Equipment Total						\$7,555.00
Non Equipment						
1	1	HB		Engineering		150.00
2	1	HB		Drafting & Documentation		240.00
3	1	HB		Programming		416.00
4	1	HB		Shop Assembly/Fabrication/QC		NA
5	1	HB		Project Management		210.00
6	1	HB		Site Installation & QC		1,671.00
7	1	HB		UC Services		NA
8	1	HB		Union Installation		NA
9	1	HB		G&A		145.00
10	1	HB		Sales Tax		TE
Non-Equipment Total						\$2,832.00
GRAND TOTAL						\$10,387.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Large Auditorium 100						
1	1	Marshall Furniture	ELCO-35 System Lectern	Lectern with built in 14RU rack. Maple Melamine.	1,984.00	1,984.00
2	1	Shure	MX412S/C	Lectern microphone	201.00	201.00
	1	Shure	A400SMXLR	Shockmount	32.00	32.00
3	1	Crestron	FT-PWR-D	Flip-top tabletop input box with all user cables	518.00	518.00
4	4	Crestron	DM-TX-201-C	Digital Media 8G+ HDMI/VGA/Audio transmitter, mounted within lectern	748.00	2,992.00
5	1	Wolfvision	VZ-3S	Document camera	2,295.00	2,295.00
	1	Wolfvision	102400	Replacement dry erase working surface	42.00	42.00
6	1	Crestron	TSW-1052-W-S	10" Lectern touchpanel, flush mounted, white	1,380.00	1,380.00
Following item not found on AV-301						
7	0	Crestron	DM-TX-200-C-2G	Wall plate digital media 8G+ transmitter (2 gang)		
8	4	Crestron	MP-WP181-C	Floorbox DM 8G+ connector plate (single-gang decora)	46.00	184.00
9	1	TecNec		XLR-F connector plate	incl. below	incl. below
10	1	TecNec		Floorbox (4) XLR-F connector plate (at center floorbox for discussion)	incl. below	incl. below
11	2	By Owner	Owner Furnished	Video source for lcd tv's provided by owner	OFE	OFE
12	1	TecNec		Floorbox connector plate for touchpanel (single-gange decora)	incl. below	incl. below
13	1	SPECO	CVC-6705	Fume hood fixed view miniature bullet camera, varifocal lens and included power supply	345.00	345.00
14	2	Vaddio	999-9917-000W	Roboshot 30CCU system, PTZ 30x zoom	4,710.00	9,420.00
15	5	Sennheiser	EW 512 G3	Wireless lavalier microphone transmitter/receiver/antenna	966.00	4,830.00
	2	Sennheiser	A 1031-U	Broadband remote antenna	157.00	314.00
	2	Sennheiser	AB 3 - (freq)	Antenna booster	145.00	290.00
	1	Sennheiser	ASA 1	Antenna D/A	526.00	526.00
	2	TBD		50 ohm splitter	29.00	58.00
	1	Sennheiser	NT 1-1 US	Power unit	73.00	73.00
	1	Sennheiser	GA 3	Rack adapter	46.00	46.00
16	1	Biamp	Tessira SERVER-IO	Audio DSP	3,864.00	3,864.00
	4	Biamp	SEC-4	mic/line input cards	421.00	1,684.00
	2	Biamp	SOC-4	mic/line output cards	180.00	360.00
17	1	Samsung	S22D300HY	22" LCD display	175.00	175.00
	1	Ergotron	LX	desk mount	147.00	147.00
18	1	Crestron	AM-100	Airmedia wireless presentation system	920.00	920.00
19	1	Sony	BDP-S5100	Blu-ray player	94.00	94.00
20	1	Dell	Owner Furnished	Owner supplied PC in Lectern	OFE	OFE
21	1	Crestron	DM-MD 16X16	Digital media switcher, 16x16	4,945.00	4,945.00
	1	Crestron	DMC-VID-BNC	DM input card - video	460.00	460.00
	4	Crestron	DMC-4K-C-DSP	DM input card - 8G	748.00	2,992.00
	5	Crestron	DMC-4K-HD-DSP	DM input card - HDMI	575.00	2,875.00
	0	Crestron	DMC-DVI	DM input card - DVI		
	1	Crestron	DMC-4K-HDO	DM output card - HDMI/stereo x2	1,035.00	1,035.00
	3	Crestron	DMC-4K-CO-HD	DM output card - 8G x2	748.00	2,244.00
	1	Crestron	DMC-VID-RCA-A	DM input card - video / audio	374.00	374.00
22	1	Crestron	CP3N	3 series control system	1,495.00	1,495.00
23	4	APC	C2	Surge suppressor at display devices	49.00	196.00
24	2	Crestron	PW-2420RU	Power supply, 24V DC, 50W	144.00	288.00
25	1	Crestron	CEN-SWPOE-16	16Port managed Gigabit ethernet PoE switch	1,524.00	1,524.00
26	1	Extron	60-1302-01	XPA1002-70V, 2 Channel audio amplifier	397.00	397.00
	1	Extron	60-190-01	rack mount (for 2 units)	75.00	75.00
	1	Extron	60-190-01	rack mount (for 2 units)	75.00	75.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
	1	Extron	60-563-02	XPA 2004 - 4 channel amplifier 200w/ch (program L, R, subwoofer,spare)	972.00	972.00
27	1	Listen	LT-800-072	Assitive listening RF transmitter	542.00	542.00
	1	Listen	LA-326	Rack kit	48.00	48.00
	1	Listen	LA-122	Atenna	67.00	67.00
28	5	Listen	LR-400-072	Assitive listening RF receiver	123.00	615.00
	5	Listen	LA-166	Neck loop	42.00	210.00
				Equipment list has qty 4 receivers; a 5th unit is required to drive the lectern preview monitor		
29	5	Crestron	DM-RMC-4K-SCALER-C	Digital media receiver	1,104.00	5,520.00
30	2	Epson	Z9800WNL	WUXGA Projector, 16:10 forma, 4500 Lumens w/standard 1.74-2.82 lens	4,968.00	9,936.00
31	2	Chief	RPAU	Ceiling mount projector.	139.00	278.00
32	2	Draper	Owner Furnished	Projection screen, motorized w/LVC (no screen wall switch	OFE	OFE
33	2	NEC	V801	80" KED Edge Lit commercial grade LCD display	6,342.00	12,684.00
34	2	Chief	XTM1U	Tilting wall mount for LCD display	231.00	462.00
35	1	Middle Atlantic	PD-915R-PL	Power strip for Lectern rack	73.00	73.00
36	1	Surgex	SX-1120-RT	1RU rack mount power strip with 12 outlets	574.00	574.00
37	1	Middle Atlantic	5-37	Equipment rack 69"H x 22"W x 20"D	237.00	237.00
	1	Middle Atlantic	RAP37	Rear panel	99.00	99.00
	1	Middle Atlantic	SP-5-37	Side panels	184.00	184.00
	1	Middle Atlantic	PB-5A	Power strip mount	9.00	9.00
	1	Middle Atlantic	PD615C-NS	Vertical power strip	69.00	69.00
	1	Middle Atlantic	U2	Rack shelves	35.00	35.00
	1	Middle Atlantic	3RU	Rack drawer	107.00	107.00
38	10	JBL	Control 26CT	Flush mounted ceiling speakers, 70 Volt, white	122.00	1,220.00
39	2	JBL	CBT 100LA-1	Surface mounted line array speakers	635.00	1,270.00
	2	JBL	MTC-CBT-FM1	Black low profile brackets	28.00	56.00
				Notes on the following item:		
				1. There is no longer an active version of this sub. An amplifier above was changed to accommodate this unit.		
				2. The unit is not plenum rated. If this is an issue then an above ceiling fire rated enclosure will have to be built (by others).		
40	1	Tannoy	100SR-P	Flush ceiling subwoofer - no crossover	455.00	455.00
41	1	Tannoy	110SR Pre-Install ring	Mounting ring	43.00	43.00
42	1	HB		cables, connectors and all hardware necessary to install a complete working system	3,371.00	3,371.00

Large Auditorium 100 Equipment Total

\$90,885.00

Non Equipment

1	1	HB	Engineering	1,500.00
2	1	HB	Drafting & Documentation	1,440.00
3	1	HB	Programming	4,056.00
4	1	HB	Shop Assembly/Fabrication/QC	3,462.00
5	1	HB	Project Management	1,890.00
6	1	HB	Site Installation & QC	11,826.00
7	1	HB	UC Services	NA
8	1	HB	Union Installation	NA
9	1	HB	G&A	1,732.00
10	1	HB	Sales Tax	TE

Non-Equipment Total

\$25,906.00

GRAND TOTAL

\$116,791.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
Small Auditorium 105						
1	1	Marshall Furniture	ELCO-35 System Lectern	Lectern with built in 14RU rack. Maple Melamine.	1,984.00	1,984.00
2	1	Shure	MX412S/C	Lectern microphone	201.00	201.00
	1	Shure	A400SMXLR	Shockmount	32.00	32.00
3	1	Crestron	FT-PWR-D	Flip-top tabletop input box with all user cables	518.00	518.00
4	4	Crestron	DM-TX-201-C	Digital Media 8G+ HDMI/VGA/Audio transmitter, mounted within lectern	748.00	2,992.00
5	1	Wolfvision	VZ-3S	Document camera	2,295.00	2,295.00
	1	Wolfvision	102400	Replacement dry erase working surface	42.00	42.00
6	1	Crestron	TSW-1052-W-S	10" Lectern touchpanel, flush mounted, white	1,380.00	1,380.00
Following item not found on AV-301						
7	0	Crestron	DM-TX-200-C-2G	Wall plate digital media 8G+ transmitter (2 gang)		
8	4	Crestron	MP-WP181-C	Floorbox DM 8G+ connector plate (single-gang decora)	460.00	1,840.00
9	1	TecNec		XLR-F connector plate	incl. below	incl. below
10	1	TecNec		Floorbox (4) XLR-F connector plate (at center floorbox for discussion)	incl. below	incl. below
11	2	By Owner	Owner Furnished	Video source for lcd tv's provided by owner	OFE	OFE
12	1	TecNec		Floorbox connector plate for touchpanel (single-gange decora)	incl. below	incl. below
13	1	SPECO	CVC-6705	Fume hood fixed view miniature bullet camera, varifocal lens and included power supply	345.00	345.00
Per RFI #6 of Addendum 3 the following changes from qty 2 to qty 1:						
14	1	Vaddio	999-9917-000W	Roboshot 30CCU system, PTZ 30x zoom	4,710.00	4,710.00
15	5	Sennheiser	EW 512 G3	Wireless lavalier microphone transmitter/receiver/antenna	966.00	4,830.00
	2	Sennheiser	A 1031-U	Broadband remote antenna	157.00	314.00
	2	Sennheiser	AB 3 - (freq)	Antenna booster	145.00	290.00
	1	Sennheiser	ASA 1	Antenna D/A	526.00	526.00
	2	TBD		50 ohm splitter	29.00	58.00
	1	Sennheiser	NT 1-1 US	Power unit	73.00	73.00
	1	Sennheiser	GA 3	Rack adapter	46.00	46.00
16	1	Biamp	Tessira SERVER-IO	Audio DSP	3,864.00	3,864.00
	4	Biamp	SEC-4	mic/line input cards	421.00	1,684.00
	2	Biamp	SOC-4	mic/line output cards	180.00	360.00
17	1	Samsung	S22D300HY	22" LCD display	175.00	175.00
	1	Ergotron	LX	desk mount	147.00	147.00
18	1	Crestron	AM-100	Airmedia wireless presentation system	920.00	920.00
19	1	Sony	BDP-S5100	Blu-ray player	94.00	94.00
20	1	Dell	Owner Furnished	Owner supplied PC in Lectern	OFE	OFE
21	1	Crestron	DM-MD 16X16	Digital media switcher, 16x16	4,945.00	4,945.00
	1	Crestron	DMC-VID-BNC	DM input card - video	460.00	460.00
	4	Crestron	DMC-4K-C-DSP	DM input card - 8G	748.00	2,992.00
	5	Crestron	DMC-4K-HD-DSP	DM input card - HDMI	575.00	2,875.00
	0	Crestron	DMC-DVI	DM input card - DVI		
	1	Crestron	DMC-4K-HDO	DM output card - HDMI/stereo x2	1,035.00	1,035.00
	2	Crestron	DMC-4K-CO-HD	DM output card - 8G x2	748.00	1,496.00
	1	Crestron	DMC-VID-RCA-A	DM input card - video / audio	374.00	374.00
22	1	Crestron	CP3N	3 series control system	1,495.00	1,495.00
23	3	APC	C2	Surge suppressor at display devices	49.00	147.00
24	2	Crestron	PW-2420RU	Power supply, 24V DC, 50W	144.00	288.00
25	1	Crestron	CEN-SWPOE-16	16Port managed Gigabit ethernet PoE switch	1,524.00	1,524.00
26	1	Epson	60-1302-01	XPA1002-70V, 2 Channel audio amplifier (ceiling speakers)	570.00	570.00
	1	Extron	60-190-01	rack mount (for 2 units)	75.00	75.00

Item #	Qty	Manufacturer	Model	Description	Unit	Total
	1	Extron	60-563-02	XPA 2004 - 4 channel amplifier 200w/ch (program L, R, subwoofer,spare)	972.00	972.00
27	1	Listen	LT-800	Assitive listening RF transmitter	542.00	542.00
	1	Listen	LA-326	Rack kit	48.00	48.00
	1	Listen	LA-122	Atenna	67.00	67.00
28	5	Listen	LR-400	Assitive listening RF receiver	123.00	615.00
	5	Listen	LA-166	Neck loop	42.00	210.00
29	4	Crestron	DM-RMC-4K-SCALER-C	Digital media receiver (includes lectern)	1,035.00	4,140.00
30	1	Epson	Z9800WNL	WUXGA Projector, 16:10 forma, 4500 Lumens	4,968.00	4,968.00
31	1	Chief	RPAU	Ceiling mount projector.	139.00	139.00
32	1	Draper	Owner Furnished	Projection screen, motorized w/LVC (no screen wall switch	OFE	OFE
33	2	NEC	V801	80" KED Edge Lit commercial grade LCD display	6,342.00	12,684.00
34	2	Chief	XTM1U	Tilting wall mount for LCD display	231.00	462.00
35	1	Middle Atlantic	PD-915R-PL	Power strip for Lectern rack	73.00	73.00
36	1	SurgeX	SX-1120-RT	1RU rack mount power strip with 12 outlets	574.00	574.00
37	1	Middle Atlantic	5-37	Equipment rack 69"H x 22"W x 20"D	237.00	237.00
	1	Middle Atlantic	RAP37	Rear panel	99.00	99.00
	1	Middle Atlantic	SP-5-37	Side panels	184.00	184.00
	1	Middle Atlantic	PB-5A	Power strip mount	9.00	9.00
	1	Middle Atlantic	PD615C-NS	Vertical power strip	69.00	69.00
	1	Middle Atlantic	U2	Rack shelves	35.00	35.00
	1	Middle Atlantic	3RU	Rack drawer	107.00	107.00
38	5	JBL	Control 26CT	Flush mounted ceiling speakers, 70 Volt, white	122.00	610.00
39	2	JBL	CBT 100LA-1	Surface mounted line array speakers	635.00	1,270.00
	2	JBL	MTC-CBT-FM1	Black low profile brackets	28.00	56.00
Notes on the following item:						
1. There is no longer an active version of this sub. An amplifier above was changed to accommodate this unit.						
2. The unit is not plenum rated. If this is an issue then an above ceiling fire rated enclosure will have to be built (by others).						
40	1	Tannoy	100SR-P	Flush ceiling subwoofer - no crossover	455.00	455.00
41	1	Tannoy	110SR Pre-install ring	Mounting ring	43.00	43.00
42	1	HB		cables, connectors and all hardware necessary to install a complete working system	2,244.00	2,244.00

Small Auditorium 105 Equipment Total

\$78,908.00

Non Equipment

1	1	HB	Engineering	1,500.00
2	1	HB	Drafting & Documentation	1,440.00
3	1	HB	Programming	4,056.00
4	1	HB	Shop Assembly/Fabrication/QC	2,922.00
5	1	HB	Project Management	1,575.00
6	1	HB	Site Installation & QC	10,155.00
7	1	HB	UC Services	NA
8	1	HB	Union Installation	NA
9	1	HB	G&A	1,505.00
10	1	HB	Sales Tax	TE

Non-Equipment Total

\$23,153.00

GRAND TOTAL

\$102,061.00

Project Summary

Room	Equipment	Engineering	Drafting & Doc	Control Programming	Rack Assembly Fabrication Shop QC	Project Management	Installation Site QC	UC Services	Union Installation	G&A	Taxes	TOTAL
35 Person Classroom 215	16,386.00	300.00	360.00	1,040.00	906.00	525.00	2,419.00	-	NA	313.00	TE	22,249.00
Lobby 101	33,099.00	150.00	180.00	-	-	315.00	1,742.00	-	NA	633.00	TE	36,119.00
Lobby 200	8,296.00	150.00	60.00	-	-	210.00	497.00	-	NA	159.00	TE	9,372.00
Teaching Labs 120, 130, 135, 140, 145, 150, 220, 225, 240 (6)	80,901.00	150.00	300.00	-	-	525.00	8,307.00	-	NA	1,544.00	TE	91,727.00
Advanced Teaching Chem Lab 280	11,341.00	150.00	120.00	-	-	210.00	639.00	-	NA	216.00	TE	12,676.00
Small Conference Room 225A	4,440.00	-	60.00	-	-	210.00	213.00	-	NA	86.00	TE	5,009.00
Conference Rooms 327, 372, 427 & 472 (4)	40,980.00	150.00	180.00	312.00	-	210.00	3,276.00	-	NA	783.00	TE	45,891.00
Conference Room 300	12,395.00	150.00	240.00	416.00	-	315.00	1,671.00	-	NA	237.00	TE	15,424.00
Conference Room 400A	7,555.00	150.00	240.00	416.00	-	210.00	1,671.00	-	NA	145.00	TE	10,387.00
Large Auditorium 100	90,885.00	1,500.00	1,440.00	4,056.00	3,462.00	1,890.00	11,826.00	-	NA	1,732.00	TE	116,791.00
Small Auditorium 105	78,908.00	1,500.00	1,440.00	4,056.00	2,922.00	1,575.00	10,155.00	-	NA	1,505.00	TE	102,061.00
Payment and Performance Bond	-	-	-	-	-	-	-	-	NA	-	TE	7,123.00
Total	385,186.00	4,350.00	4,620.00	10,296.00	7,290.00	6,195.00	42,416.00	-	NA	7,353.00	TE	\$474,829.00

State of Rhode Island and Providence Plantations
Department of Administration
Division of Purchases

RIVIP BIDDER CERTIFICATION COVER FORM

SECTION 1 - BIDDER INFORMATION

Bidder must be registered as a vendor on the RIVIP system at www.purchasing.ri.gov to submit a bid proposal.

Solicitation Number: 7550284
Solicitation Title: AUDIO VISUAL CHEMISTRY AND FORENSIC SCIENCE CENTER, UNIVERSITY OF RHODE ISLAND (25 PGS)
Bid Proposal Submission Deadline Date & Time: 3/22/2016 01:00 PM
RIVIP Vendor ID #: 71515
Bidder Name: HB Communications, Inc.
Address: 60 Dodge Avenue
NorthHaven , CT 06473
USA
Telephone: 203-234-9246
Fax: 203-234-2013
Contact Name: Kristin Abalan
Contact Title: Bid Administrator
Contact Email: bid@hbcommunications.com

SECTION 2 - DISCLOSURES

Bidders must respond to every statement. Bid proposals submitted without a complete response may be deemed nonresponsive.

Indicate "Y" (Yes) or "N" (No) for Disclosures 1-4, and if "Yes," provide details below

- N 1. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has been subject to suspension or debarment by any federal, state, or municipal governmental authority, or the subject of criminal prosecution, or convicted of a criminal offense within the previous 5 years. If "Yes," provide details below.
- N 2. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has had any contracts with a federal, state, or municipal governmental authority terminated for any reason within the previous 5 years. If "Yes," provide details below.
- N 3. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has been fined more than \$5000 for violation(s) of any Rhode Island environmental law(s) by the Rhode Island Department of Environmental Management within the previous 5 years. If "Yes," provide details below.
- N 4. State whether any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder is serving or has served within the past two calendar years as either an appointed or elected official of any state governmental authority or quasi-public

corporation, including without limitation, any entity created as a legislative body or public or state agency by the general assembly or constitution of this state.

Disclosure details (continue on additional sheet if necessary):

SECTION 3 - OWNERSHIP DISCLOSURE

Bidders must provide all relevant information. Bid proposals submitted without a complete response may be deemed nonresponsive.

If the Bidder is publicly held, the Bidder may provide owner information about only those stockholders, members, partners, or other owners that hold at least 10% of the record or beneficial equity interests of the Bidder; otherwise, complete ownership disclosure is required.

List each officer, director, manager, stockholder, member, partner, or other owner or principle of the Bidder, and each intermediate parent company and the ultimate parent company of the Bidder. For each individual, provide his or her name, business address, principal occupation, position with the Bidder, and the percentage of ownership, if any, he or she holds in the Bidder, and each intermediate parent company and the ultimate parent company of the bidder.

- Mackey Barron, President, 60 Dodge St., North Haven, CT, 66%
- Dana Barron, CEO, 60 Dodge St., North Haven, CT, 27%

SECTION 4 - CERTIFICATIONS

Bidders must respond to every statement. Bid proposals submitted without a complete response may be deemed nonresponsive.

Indicate "Y" (Yes) or "N" (No), and if "No," provide details below.

THE BIDDER CERTIFIES THAT:

- Y 1. The Bidder will immediately disclose, in writing, to the State Purchasing Agent any potential conflict of interest which may occur during the term of any contract awarded pursuant to this solicitation.
- Y 2. The Bidder possesses all licenses and anyone who will perform any work will possess all licenses required by applicable federal, state, and local law necessary to perform the requirements of any contract awarded pursuant to this solicitation and will maintain all required licenses during the term of any contract awarded pursuant to this solicitation. In the event that any required license shall lapse or be restricted or suspended, the Bidder shall immediately notify the State Purchasing Agent in writing.
- Y 3. The Bidder will maintain all required insurance during the term of any contract pursuant to this solicitation. In the event that any required insurance shall lapse or be canceled, the Bidder will immediately notify the State Purchasing Agent in writing.
- Y 4. The Bidder understands that falsification of any information in this bid proposal or failure to notify the State Purchasing Agent of any changes in any disclosures or certifications in this Bidder Certification may be grounds for suspension, debarment, and/or prosecution for fraud.
- Y 5. The Bidder has not paid and will not pay any bonus, commission, fee, gratuity, or other remuneration to any employee or official of the State of Rhode Island or any subdivision of the State of Rhode Island or other governmental authority for the purpose of obtaining an award of a contract pursuant to this solicitation. The Bidder further certifies that no bonus, commission, fee, gratuity, or other

Solicitation #: 7550284
Solicitation Title: URI – New Center for Chemistry & Forensic Science
Audio / Visual Package

BID FORM

To: The Department of Administration, Division of Purchases
One Capitol Hill, Providence, RI 02908

Project: The University of Rhode Island
New Center for Chemistry & Forensic Science
Audio / Visual Package
Kingston Campus

Bidder:

HB Communications, Inc.

Legal name of entity

60 Dodge Avenue, North Haven, CT 06473

Address

George F. Bing

george.bing@hbcommunications.com

Contact name

Contact email

203.747.7042

203.234.1474

Contact telephone

Contact fax

1. BASE BID PRICE

The Bidder submits this bid proposal to perform all of the work (including labor and materials) as described in the solicitation for this Base Bid Price, (including the costs for all Bonds, and Addenda).

\$ 474,829.00

(Base Bid Price *in figures* printed electronically, typed or handwritten legibly in ink)

Four Hundred Seventy Four Thousand Eight Hundred

Twenty Nine Dollars and No Cents.

(Base Bid Price *in words* printed electronically, typed or handwritten legibly in ink)

A. BONDS

The Base Bid Price ***includes*** the costs for all Bid and Payment and Performance Bonds required by the solicitation.

B. ADDENDA

The Bidder has examined the entire solicitation (including the following Addenda), and the Base Bid Price ***includes*** the costs of any modifications required by the Addenda.

All Addenda must be acknowledged.

Solicitation #: 7550284
Solicitation Title: URI – New Center for Chemistry & Forensic Science
Audio / Visual Package

Addendum No. 1, dated: 03/02/16
Addendum No. 2, dated: 03/04/16
Addendum No. 3, dated: 03/16/16

2. CONTRACT TIME

If this Bid(s) is accepted, the Bidder will achieve substantial completion of all the Work by June 24, 2016. The Bidder shall include all premium time or additional staffing required to accommodate this schedule.

3. LIQUIDATED DAMAGES

The successful bidder awarded a contract pursuant to this solicitation shall be liable for and pay the State, as liquidated damages and not as a penalty, the following amount for each calendar day of delay beyond the date for substantial completion, as determined in the sole discretion of the State: **One Hundred Dollars (\$100.00) per day.**

BID FORM SIGNATURE(S)

This bid proposal is irrevocable for 60 days from the bid proposal submission deadline.

If the Bidder is determined to be the successful bidder pursuant to this solicitation, the bidder will promptly: (i) comply with each of the requirements of the Tentative Letter of Award; and (ii) commence and diligently pursue the work upon issuance and receipt of the purchase order from the State and authorization from the user agency.

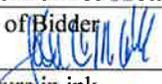
The person signing below certifies that he or she has been duly authorized to execute and submit this bid proposal on behalf of the Bidder.

Date: 03/21/16

BIDDER _____

HB Communications, Inc. _____

Name of Bidder _____

By:  _____

Signature in ink _____

John C. Martin III, CFO _____

Printed name and title of person signing on behalf of Bidder _____

BID BOND

Platte River Insurance Company

CONTRACTOR:

(Name, legal status and address)

HB Communications, Inc.
60 Dodge Avenue
North Haven, CT 06473-0689

OWNER:

(Name, legal status and address)

State of Rhode Island, Dept of Administration, Division of Purchases
One Capitol Hill
Providence, RI 02908

BOND AMOUNT:

Five Percent (5%) of Total Amount Bid

SURETY:

(Name, legal status and principal place of business)

Platte River Insurance Company
1600 Aspen Commons
Middleton, WI 53562

PROJECT:

(Name, location or address, and Project number, if any)

RFP #7550284 Audio Visual Chemistry and Forensic Science Center, University of Rhode Island

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

PLATTE RIVER INSURANCE COMPANY
POWER OF ATTORNEY

41340307

KNOW ALL MEN BY THESE PRESENTS, That the PLATTE RIVER INSURANCE COMPANY, a corporation of the State of Nebraska, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

JANE BIRON SIVISKI; RAMONA L. GRAY

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED \$20,000,000.00

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PLATTE RIVER INSURANCE COMPANY at a meeting duly called and held on the 8th day of January, 2002.

RESOLVED, that the President, and Vice-President, the Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of the company; the signature of such officers and the seal of the Corporation may be affixed to such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Corporation in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time.

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

IN WITNESS WHEREOF, the PLATTE RIVER INSURANCE COMPANY has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 27th day of July, 2015.

Attest:

Gary W. Stumper
President
Surety & Fidelity Operations



PLATTE RIVER INSURANCE COMPANY

Stephen J. Sills
CEO & President

STATE OF WISCONSIN } S.S.:
COUNTY OF DANE

On the 27th day of July, 2015 before me personally came Stephen J. Sills, to me known, who being by me duly sworn, did depose and say: that he resides in the County of New York, State of New York; that he is President of PLATTE RIVER INSURANCE COMPANY, the corporation described herein and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



David J. Regele
Notary Public, Dane Co., WI
My Commission Is Permanent

STATE OF WISCONSIN } S.S.:
COUNTY OF DANE

CERTIFICATE

I, the undersigned, duly elected to the office stated below, now the incumbent in PLATTE RIVER INSURANCE COMPANY, a Nebraska Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 22nd day of March, 2016.



Antonio Celii
Secretary

Signed and sealed this **22nd** day of **March** **2016**

Alan S. Mallon

(Witness)

Ellen J. Coe

(Witness)

HB Communications, Inc.

(Principal)

(Seal)

By:

John C. Martin, III., CFO

Platte River Insurance Company

(Surety)

(Seal)

Ramona L. Gray, Attorney-in-Fact

STATE OF RHODE ISLAND
FORM W-9 PAYER'S REQUEST FOR TAXPAYER
IDENTIFICATION NUMBER AND CERTIFICATION



THE IRS REQUIRES THAT YOU FURNISH YOUR TAXPAYER IDENTIFICATION NUMBER TO US. FAILURE TO PROVIDE THIS INFORMATION CAN RESULT IN A \$50 PENALTY BY THE IRS. IF YOU ARE AN INDIVIDUAL, PLEASE PROVIDE US WITH YOUR SOCIAL SECURITY NUMBER (SSN) IN THE SPACE INDICATED BELOW. IF YOU ARE A COMPANY OR A CORPORATION, PLEASE PROVIDE US WITH YOUR EMPLOYER IDENTIFICATION NUMBER (EIN) WHERE INDICATED.

Taxpayer Identification Number (T.I.N.)

Enter your taxpayer identification number in the appropriate box. For most individuals, this is your social security number.

Social Security No. (SSN)

--	--	--

Employer ID No. (EIN)

06	070059
----	--------

NAME HB Communications, Inc.

ADDRESS 60 Dodge Avenue

CITY, STATE AND ZIP CODE North Haven, CT 06473

PAYMENT REMITTANCE ADDRESS, IF DIFFERENT FROM THE ADDRESS ABOVE

ADDRESS

CITY, STATE AND ZIP CODE

CERTIFICATION: Under penalties of perjury, I certify that:

- (1) The number shown on this form is my correct Taxpayer Identification Number (or I am waiting for a number to be issued to me), **and**
- (2) I am not subject to backup withholding because either: (A) I am exempt from backup withholding, or (B) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (C) the IRS has notified me that I am no longer subject to backup withholding.
- (3) I am a U.S. citizen or other U.S. person (as defined by the IRS).

Certification Instructions -- You must cross out item (2) above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item (2) does not apply.

Please sign here and provide title, date and telephone number:

SIGNATURE By: [Signature] **TITLE** CFO **DATE** 03/21/16 **TEL NO** 203.234.7193
Original Signature Required (Digital Signature Not Acceptable)

BUSINESS DESIGNATION:

Please Check One: Individual Corporation Trust/Estate Government/Nonprofit Corporation
Partnership Medical Services Corporation Legal Services Corporation
LLC Tax Classification: Single Member (Individual) Partnership Corporation

TIPS:

- NAME:** Be sure to enter your full and correct legal name as shown on your income tax return for the SSN or EIN provided.
- ADDRESS, CITY, STATE AND ZIP CODE:** If you operate a business at more than one location, adhere to the following:
- 1) Same EIN with more than one location -- attach a list of location addresses with remittance address for each location and indicate to which location the year-end tax information return should be mailed.
 - 2) Different EIN for each different location -- submit a completed W-9 form for each EIN and location. (One year-end tax information return will be reported for each EIN and remittance address.)

Mail Completed Form To:
Supplier Coordinator
Purchasing Department
One Capitol Hill, 2nd Floor
Providence RI 02908

Or Email To: doa.pursuppliercoordinator@purchasing.ri.gov

For State Use Only:	
IRS	RI SOS
FED	Other
RI Supplier #	Approved
Date Entered	Entered By



Technology Solutions
for Audiovisual
Integration

COMMUNICATIONS INC.

360 Systems
3M Visual Systems Division
Accordant
AKG Acoustics, U.S.
Allen&Heath
ALTINEX, Inc.
AmpliVox Sound Systems
AMX
Anchor Audio, Inc.
Anton/Bauer, Inc.
Anystream
Apple Computer, Inc.
Ashly Audio
Atlas Sound
Audio-Technica U.S., Inc.
Aurix
Aurora Multimedia Corp.
AutoPatch
AutoScript
Avid Technology, Inc.
Barco
BASF Recording Media
Behringer
Belden Electronics Division
Beyerdynamic, Inc.
Biamp Systems, Inc.
Black Magic Design
Blonder-Tongue Laboratories, Inc.
Bogen Communications, Inc.
Bogen Photo Corp.
Boland Communications, Inc.
Boris FX
Bose Corp.
Boxlight
Bretford Manufacturing, Inc.
Broadcast Pix
BSS Audio, Ltd.
BTX Technologies, Inc.
Califone International, Inc.
Calzone Case Company
Cambridge Sound Management
Canon USA, Inc.
Canopus
Chief Manufacturing, Inc.
Christie Digital
Chrosziel
Chugai Boyeki (America) Corp.
Chyron Corp.
Cisco
ClearOne Communications
Cobalt
Communications Specialties, Inc.
Community Prof. Louds
Compix
Comprehensive Video Group
Cool-Lux Lighting Industries, Inc.
Covid, Inc.
Crest Audio, Inc.
Crestron Electronics, Inc.
Crown International, Inc.

Custom Display Solutions
Da-Lite Screen Company, Inc.
Datavideo
dbx, Inc.
Dell Computer
Denon America, Inc.
Digital Projection International
Digital Rapids
Discreet
DNF Controls
Draper, Inc.
Dukane Corp. - Audio-Visual Div.
Eastman Kodak Company
Echolab
Edirol
Eiki International, Inc.
Electrosonic Systems, Inc.
Electro-Voice, Inc.
ELMO
EPSON
ESE
Evertz
Extron Electronics
Faroudja Labs
Fast Forward Video
Fender Musical Instruments
Fender Pro A/V Systems
Fiber Options
Focus Enhancements, Inc.
For.A
Forecast Consoles
FSR, Inc.
Fuji Photo Film U.S.A., Inc.
Fujinon, Inc.
Furman Sound, Inc.
GE Security
Grass Valley Group
Harris
Hitachi Denshi America, Ltd.
Hitachi Software Engineering, Ltd.
Hotronics
IRP Professional Sound Products
JBL Professional
JELCO, Inc.
JEMS Data Unlimited, Inc.
Jupiter Systems
JVC
Knox Video Technologies
Koss Corp.
Kramer Electronics, USA
Lacie
Laserex, Inc.
Leader
Leader Instruments Corp.
Lectrosonics, Inc.
Leightronix, Inc.
Leitch
Lexicon
LG Electronics USA
LifeSize

Listen Technologies Corp.
Lowell Manufacturing Company
Lowel-Light Mfg., Inc.
Lumens
Lutron Electronics Company, Inc.
Luxor Corp.
Mackie Designs, Inc.
MacroSystem US, Inc.
MagicBox
Marantz Professional
Marco Consoles
Marshall Electronics, Inc.
Marshall Furniture, Inc.
Maxell Corp. of America
Middle Atlantic Products
Miller Camera Support
Miranda
Mirror Image
Mitsubishi Digital Electronics
Mitsubishi Electronics Display
Navitar, Inc.
Network Electronics
Newtek
O'Connor Engineering Labs
OmniMount Systems
Optoma
Panasonic Broadcast & Television Systems Company
Paso Sound Products, Inc.
Peavey Electronics
Peerless Industries, Inc.
Pelco
PESA Switching Systems, Inc.
Philips Business Solutions
Philips Digital Networks
Pictron
Pinnacle Systems, Inc.
Pioneer Electronics (USA) Inc.
Pioneer New Media Technologies
Polycom, Inc.
Polyvision Corporation
Porta-Brace
Premier Mounts
Prime Image, Inc.
Projection Design
Pulse
Qomo
QSC Audio Products, Inc.
QTV
QuickSet International, Inc.
Radio Design Labs
Rane Corp.
Raxxess Metalsmiths, Inc.
RealNetworkd
RevoLabs
Rimage
RGB Spectrum
Root 6
Ross Video

Rorke Data, Inc.
RP Visual Solutions
Sachtler Corp. of America
Samson Technologies Corp.
Samsung Electronic Imaging
Samsung Opto-Electronics America, Inc.
SANYO Fisher Company
Sennheiser Electronic Corp.
Sharp Electronics Corp.
Shure Incorporated
Sierra Video Systems
Sigma Electronics, Inc.
SMART Technologies, Inc.
Snell & Wilcox
Sonic Foundry
Sonic Solutions
Sony Business Solutions
Sony Electronics Inc.
Sony Professional Media
Sound-Craft Systems, Inc.
Soundcraft USA
Sound Video System
Sprint North Supply
Stewart Audio
Stewart Filmscreen Corp.
Sundance Digital
SVS, Inc.
Symetrix Inc.
TANDBERG, Inc.
TASCAM
Tec Nec
Tekskil Industries, Inc.
Telemetrics Inc.
Teletream
Telex Communications, Inc.
Tightrope Media
TOA Electronics, Inc.
Toshiba
TV One
Ultimate Support Systems
Ushio
VanSan Corp.
VBrick
Vicon
Video Accessory Corporation
Video Data Systems
Video Furnace
Videotek, Inc.
Viewcast
Vinten
Visix
Wheelit, Inc.
Whirlwind Music Distributors, Inc.
Williams Sound Corp.
Winsted Corporation
Wohler
Yamaha Corporation

HB Communications, Inc.

George F. Bing
Vice President

TELECOM SYS CONTRACT VIDEO TSC
SOUND TSC

LIC# 5110
VINCENT J NATTER
32 STONE HEDGE DRIVE
NORTH HAVEN CT 06473



~~**JOHN SHAW**~~
Administrator

~~**10/31/2016**~~
Expiration Date

State of Rhode Island and Providence Plantations
Rhode Island Department of Labor and Training

TELECOMM CORPORATION VIDEO TSC
SOUND TSC

LIC# 5110
HB COMMUNICATIONS INC
VINCENT J NATTER
60 DODGE AVENUE
NORTH HAVEN CT 06473



JOHN SHAW
Administrator

10/31/2016
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