



CITY of NOVI CITY COUNCIL

**Agenda Item D
October 6, 2014**

SUBJECT: Approval to award a sound system upgrade agreement with I.Comm Corporation for services related to the Novi Civic Center Theatre sound project in the amount of \$27,455.

SUBMITTING DEPARTMENT: Parks, Recreation & Cultural Services

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 27,455
AMOUNT BUDGETED	\$ 41,455
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	208-691.00-976.000

BACKGROUND INFORMATION:

The sound system in the Civic Center Theater is in need of replacement due to functionality and accessibility issues. The sound system upgrade will create a unified sound system that will link the four meeting rooms, the theater and studios ABC. It will provide high quality sound that is efficient to use, meets FCC frequency regulations, and allows for greater efficiency in setup and flexibility in usage. Included in the upgrade are eight (8) hearing assistance receivers that can be utilized for theatre performances, programs, events, and rentals.

The City received two (2) bids for the project. Both bids were outside the established budget parameters for the project. Staff met with the low bidder (I.Comm Corporation) to determine if an alternative scope could be developed. The project was revised to incorporate usage of functional existing components to reduce the total cost while still meeting the requirements of the original scope. The project will be completed in December 2014 to ensure no disruption of theatre programs. The selected vendor, I.Comm Corporation, has successfully completed projects for the City including the Civic Center Council Chambers audio/visual, Atrium sound system, and Novi Ice Arena Red Rink sound system.

RECOMMENDED ACTION: Approval to award a sound system upgrade agreement with I.Comm Corporation for services related to the Novi Civic Center Theatre sound project in the amount of \$27,455.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				



Quotation via Facsimile/E-Mail

Quote #: GS0129131

To: From: Greg Samborski
 Company: City Of Novi Date: September 5, 2014
 Fax Number: Total No. of pages including cover: 1
 Phone Number: 248-347-0400 Sender's Fax Number: (248) 960-0377
 Reference: **Novi Theater Upgrades** Sender's Phone Number: (248) 960-3700

I.COMM Corporation is pleased to provide you with a budget quotation for following work:

Sound system Upgrades

- A) Install new speakers to adequately cover entire room. Rewire the existing overhead speakers to be used in individual rooms when divided.
- B) Install new wiring for stage microphones
- C) Install new equipment rack to house amplifiers, existing wireless microphones, and system processor.
- D) Install digital snake to send all wireless and wired microphone to mixing board as well as provide a return feed for stage monitors.

3	JBL	AM5212/26	Loudspeaker
3	JBL	MTU-3	Bracket
3	JBL	AC28/26	Loudspeaker
3	JBL	MTU-28Bracket	
2	JBL	VRX918S	Existing Subs ---OFE---
1	Biamp	Tesira FORTE AI	DSP
1	Biamp	TEC-1s	Remote Control
1	Whirlwind	DS328T/R	Digital Snake
2	Crown	PCC160	Boundry Microphone
6	ICOMM	Misc	Loudspeaker Mounting Hardware
1		Misc	Fan-Out Cables
1	WestPenn	25227	Loudspeaker cable
1	WestPenn	25291	Mic Cable
1	ICOMM	Labor	Cable Install
1	Middle Atlantic	MRK-4426-AV	Rack
1	Listen Tech	ALS VP	Assistive Listening System
1	ICOMM	Labor	Rack Demo
6	Crown	Cdi-xxxx	Existing Amplifier ---OFE---
10	Shure	ULXS Existing	Wireless Microphones --OFE--
1		Existing Mixer	---OFE---

PRICE INSTALLED.....	\$23,879.02
Dressing room.....	\$1871.38
Divisible Room	\$1704.17
GRAND TOTAL	\$27,454.50

I.COMM

INDUSTRIAL
COMMUNICATION
COMPANY
Est. 1943

Corporate Office

24600 N. Industrial Dr.

Farmington Hills, MI
48335

248.960.3700

Fax: 248.960.0377

1605 E. Kalamazoo St.

Lansing, MI 48912-2701

517.484.6905

Fax: 517.484.7126

3129 Chicago Dr. S.W.

Grandville, MI 49418-
1117

616.942.6290

Fax: 616.942.5766

G 12157 N. Saginaw

Clio, MI 48420-1012

810.686.4990

Fax: 810.686.5980



I.COMM Bid Proposal
City of Novi
Sound System Upgrade

Original: June 12, 2014

COPY

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

I.Comm Corporation
24600 N. Industrial Drive
Farmington Hills, MI 48335

OWNER:

(Name, legal status and address)

City of Novi
45175 Ten Mile Rd.
Novi, MI 48375-3024

SURETY:

(Name, legal status and principal place of business)

Employers Mutual Casualty Company
P.O. Box 712
Des Moines, IA 50306-0712

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: \$ 5%

Five Percent of Amount Bid

PROJECT:

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

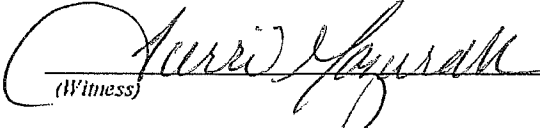
Sound System Upgrade for Theater, Divisible Multi-Purpose Room and Dressing Room


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.

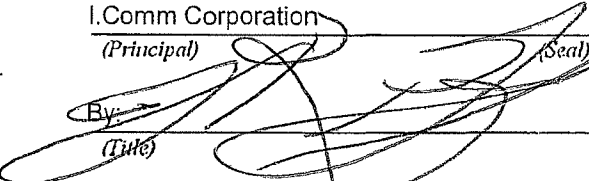
Signed and sealed this 12th day of June, 2014


(Witness)


(Witness)

I.Comm Corporation

(Principal)


By: _____
(Title)

Employers Mutual Casualty Company

(Surety)

(Seal)

By: 
(Title) Larissa Smith Attorney-in-Fact

Surety Phone No. 515-280-2511



CERTIFICATE OF AUTHORITY INDIVIDUAL ATTORNEY-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, that:

- 1. Employers Mutual Casualty Company, an Iowa Corporation
2. EMCASCO Insurance Company, an Iowa Corporation
3. Union Insurance Company of Providence, an Iowa Corporation
4. Illinois EMCASCO Insurance Company, an Iowa Corporation
5. Dakota Fire Insurance Company, a North Dakota Corporation
6. EMC Property & Casualty Company, an Iowa Corporation
7. Hamilton Mutual Insurance Company, an Iowa Corporation

hereinafter referred to severally as "Company" and collectively as "Companies", each does, by these presents, make, constitute and appoint: MARY T. FLANIGAN, CLAUDIA MANDATO, CHRISTY M. MCCART, DEBRA J. SCARBOROUGH, KATHY L. FAGAN, LAURA M. BUHRMESTER, CHARISSA D. LECUYER, REBECCA S. GROSS, LARISSA SMITH, WENDY A. CASEY

its true and lawful attorney-in-fact, with full power and authority conferred to sign, seal, and execute its lawful bonds, undertakings, and other obligatory instruments of a similar nature as follows:

ANY AND ALL BONDS

and to bind each Company thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of each such Company, and all of the acts of said attorney pursuant to the authority hereby given are hereby ratified and confirmed.

The authority hereby granted shall expire APRIL 1, 2017 unless sooner revoked.

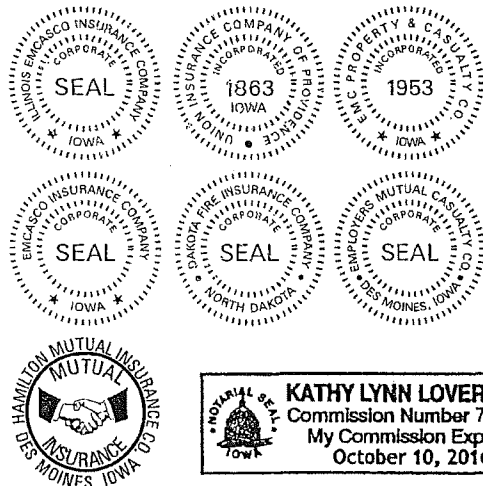
AUTHORITY FOR POWER OF ATTORNEY

This Power-of-Attorney is made and executed pursuant to and by the authority of the following resolution of the Boards of Directors of each of the Companies at a regularly scheduled meeting of each company duly called and held in 1999:

RESOLVED: The President and Chief Executive Officer, any Vice President, the Treasurer and the Secretary of Employers Mutual Casualty Company shall have power and authority to (1) appoint attorneys-in-fact and authorize them to execute on behalf of each Company and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof; and (2) to remove any such attorney-in-fact at any time and revoke the power and authority given to him or her.

IN WITNESS THEREOF, the Companies have caused these presents to be signed for each by their officers as shown, and the Corporate seals to be hereto affixed this 3rd day of FEBRUARY, 2014.

Seals



Bruce G. Kelley, Chairman of Companies 2, 3, 4, 5 & 6; President of Company 1; Vice Chairman and CEO of Company 7

Michael Freel, Assistant Vice President

On this 3rd day of FEBRUARY AD 2014 before me a Notary Public in and for the State of Iowa, personally appeared Bruce G. Kelley and Michael Freel, who, being by me duly sworn, did say that they are, and are known to me to be the Chairman, President, Vice Chairman and CEO, and/or Assistant Vice President/Assistant Secretary, respectively, of each of The Companies above; that the seals affixed to this instrument are the seals of said corporations; that said instrument was signed and sealed on behalf of each of the Companies by authority of their respective Boards of Directors; and that the said Bruce G. Kelley and Michael Freel, as such officers, acknowledged the execution of said instrument to be the voluntary act and deed of each of the Companies. My Commission Expires October 10, 2016.

Kathy Lynn Loveridge, Notary Public in and for the State of Iowa

CERTIFICATE

I, James D. Clough, Vice President of the Companies, do hereby certify that the foregoing resolution of the Boards of Directors by each of the Companies, and this Power of Attorney issued pursuant thereto on FEBRUARY 3, 2014 on behalf of: MARY T. FLANIGAN, CLAUDIA MANDATO, CHRISTY M. MCCART, DEBRA J. SCARBOROUGH, KATHY L. FAGAN, LAURA M. BUHRMESTER, CHARISSA D. LECUYER, REBECCA S. GROSS, LARISSA SMITH, WENDY A. CASEY

are true and correct and are still in full force and effect. In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this JUN 12 2014 day of Vice President



CITY OF NOVI

CONTRACTOR QUALIFICATIONS QUESTIONNAIRE

SOUND SYSTEM UPGRADE

Failure to answer all questions could result in rejection of your proposal.

Name of Firm I.COMM
Address: 24600 N. Industrial Drive
City, State Zip Farmington Hills, MI 48335
Telephone 248-960-3700 Fax 248-960-0377
Mobile 248-462-3033
Agent's Name (please print) Greg Samborski
Agent's Title AV Account Executive
Email Address: gsamborski@icommusa.com
Website icommusa.com

1. Organizational structure: Corporation, Partnership, etc. Corporation
2. Firm established: 1943 Years in business: 71
3. Has your firm filed for Chapter 7 or Chapter 11 within the last ten (10) years?
No Yes Reason: _____
4. Under what other or former names has your organization operated?
Industrial Communication
5. How many full time employees? 54 Part time? _____
6. Are you able to provide insurance coverage as required by this bid? Yes
7. Have you included the breakdown of your lump sum fee to show all items included in the bid (quantities, manufacturers, model numbers, etc.) quoted? Yes
8. Have you included copies of the required certifications with your bid? Yes
9. 24/7 Emergency Telephone Number 888-422-4349
10. Provide your procedure for handling night & weekend calls
See Attached

11. List the scope of services (type of work) you are able to perform.

See Attached

12. Provide a list of employees and all other professional staff to be assigned to this contract. Include name, title, license number, years of experience, full/part time, qualifications, and experience.

To be determined

13. List equipment, tools and all other resources available to your firm to perform this contract:

Available upon request

14. **References:** Provide at least three (3) references for projects that are comparable in scope to this bid. Several references from municipalities would be desirable.

Company See Attached

Address _____

Phone _____ Contact name _____

Company See Attached

Address _____

Phone _____ Contact name _____

Company See Attached

Address _____

Phone _____ Contact name _____

15. Claims & Suits: Does your firm have any litigation pending or outstanding against your organization or its officers? If yes, please provide details.

No Yes _____

16. Provide any additional information you would like to include which may not be included within this Questionnaire. You may attach additional sheets.

THE FOREGOING QUESTIONNAIRE IS A TRUE STATEMENT OF FACTS:

Signature of Authorized Company Representative: _____

Representative's Name (please print) Greg Samborski

Date June 11, 2014

We acknowledge receipt of the following Addenda: 1
(please indicate numbers)

EXCEPTIONS TO SPECIFICATIONS (all exceptions must be noted here):

COMMENTS: _____

NON-IRAN LINKED BUSINESS:

By signing below, I certify and agree on behalf of myself and the company submitting this proposal the following: (1) that I am duly authorized to legally bind the company submitting this proposal; and (2) that the company submitting this proposal is not an "Iran linked business," as that term is defined in Section 2(e) of the Iran Economic Sanctions Act, being Michigan Public Act No. 517 of 2012; and (3) That I and the company submitting this proposal will immediately comply with any further certifications or information submissions requested by the City in this regard.

THIS BID SUBMITTED BY:

Company (Legal Registration) I.COMM


Address 24600 N. Industrial Drive

City Farmington Hills State MI Zip 48335

Telephone 248-960-3700 Fax 248-960-0377

Representative's Name Greg Samborski

Representative's Title AV Account Executive

Authorized Signature 

E-mail gsamborski@icommmusa.com

Date July 11, 2014

I.COMM Wixom Office Service Call Policy

The primary phone number for service, 24 hours a day, seven days a week is **888-422-4349**. (888-ICC-4FIX)

During normal business hours, 7:30 am to 4:00 pm, Monday through Friday this is answered by the I.COMM Service Department.

After hours, weekends and holidays this line goes to the I.COMM answering service. Upon receiving the call from the customer the answering service calls the service representative on duty to dispatch the proper technician if an emergency service call is needed.

Non Emergency Calls during Normal Business Hours

Call will ring directly at the service manager's desk; if service manager is not available, the call will go to voice mail. Voice mail instructs caller to leave a message for call back from service dept. staff within 2 hours if normal business hours or to press "0" if call is URGENT.

CUSTOMER WILL BE REQUESTED TO PROVIDE:

1. NAME
2. SITE NAME
3. SITE ADDRESS
4. CALL BACK TELEPHONE NUMBER(S)
5. DESCRIPTION OF SERVICE REQUIREMENT, INCLUDING ROOM #
6. PURCHASE ORDER NUMBER if applicable.

Service manager then creates a service ticket and forwards the ticket to the proper technician. A non-emergency call received during normal business hours will receive **24-hour response time**. (excluding weekends and holidays)

Service Response Time for Emergency Service-In Warranty

Response time for an emergency service call will be **two (2) hours**.

Emergency service In-Warranty is defined as either:

- A. A catastrophic failure, which is a nursing unit/floor that is deemed inoperative. Console down etc.
- B. Four (4) or more rooms are deemed inoperative.

Also:

If a hospital decides that the nature of the failure is an Emergency and wants a two (2) hour response time. I.COMM will send a service technician but this call is subject to applicable service charges with a two (2) hour minimum billing even though the system is in warranty.

Service Response Time for Emergency Service-Out of Warranty

Response time for an emergency service call will be **two (4) hours**. Emergency service is defined as either a catastrophic failure, which is a nursing unit/department, which is deemed inoperative. If a hospital decides that the nature of the failure is an emergency outside of a catastrophic failure definition. I.COMM will send a service technician, response time will be (4) hours. All out of warranty service calls will be subject to applicable service charges with a two (2) hour minimum billing.

I.COMM

Types of work I.COMM specializes in

- * Healthcare Communication Systems
- * Sound Reinforcement Systems
- * Interactive Television Systems
- * Distance Learning Systems
- * Integrated School Resource Management Systems
- * School Telecommunication / Clock Systems
- * CCTV Systems
- * Commercial Paging Systems
- * Commercial Audio Enhancement Systems
- * Boardroom Audio / Video Systems
- * Sports Arena and Auditorium Systems
- * Digital Video Systems

INDUSTRIAL
COMMUNICATION
COMPANY
Est. 1943

*24600 N. Industrial Drive
Farmington Hills, MI 48335
248.960.3700
Fax: 248.960.0377*

1605 E. Kalamazoo St.
Lansing, MI 48912-2701
517.484.6905
Fax: 517.484.7126

3129 Chicago Dr. S.W.
Grandville, MI 49418-1117
616.942.6290
Fax: 616.942.5766

G 12157 N. Saginaw
Clio, MI 48420-1012
810.686.4990
Fax: 810.686.5980

I.COMM's Proposed Implementation Plan

Below is an outline of the overall implementation process, both before and after the effective date of the contract. The process will include identifying and initiating the I.COMM's Management Team and the timing of that team being on board.

The overall approach

ICOMM's installation will be in accordance with the specifications listed in the RFP. During the initial kick-off meeting, ICOMM Sales, Engineering and Estimating team will provide input to the Operations Department. During this internal hand-off procedure, Sales/Estimating reviews all pertinent information, prints, correspondence with Operations/Engineering which then assumes responsibility for the planning and installation.

The project manager assigned to the job will be review it with ICOMM engineering in order to ensure all components are correct, riser and shop drawings are completed and the submittal package is prepared and sent to the customer for approval. Once the submittals are approved by the owner, materials are ordered and the job is scheduled.

The major activities and schedules

From the time the job is awarded the major activities would be as follows:

- a. Formal transfer of the job from Sales to Operations via an internal kick-off meeting.
- b. Assignment of a Project Manager
- c. Review of the proposal by the PM and Engineering to prepare shop drawings, risers, and the preparation and submission of the submittal package.
- d. Once the submittal package is returned material is ordered and the job is placed in the production schedule, a lead tech is assigned to the job.
- e. Project Manager will create a master job schedule based on the job timeline, customer requirements, material lead times, etc.

The roles and responsibilities of the parties during the implementation period

During the implementation, the ICOMM Project Manager is 100% responsible for the job. He/She will interface with ICOMM Engineering, Sales, Estimating as well as the technical crew on the job as well as being the single point of contact provided to the Owner, Construction Manager, and Consultant for handling field questions, adds, moves or changes. The PM will be available for all job coordination meetings and is ultimately responsible for bringing the job in on time, per the agreed upon production schedule, and on budget.

The costs that I.COMM will assume

ICOMM will provide a turnkey installation based on the specifications in the RFP, further defined by the official quote to _____ for the systems and verified via the submittal review and approval process. A typical turnkey installation of A/V systems includes all components, misc. materials, cable, tools and manpower to get the job installed. Unless otherwise noted, labor is quoted based on normal working hours. It should be noted that ICOMM understands that the conduit or stub-up systems to consist of all electrical boxes, junction boxes, terminal boxes will be provided by others. All 120VAC power and grounding for systems are to be provided by others.

Proposed Vendor's Project Team and Staffing Plan

J. Raymond Gries - Vice-President Operations:

Responsible for overall ICOMM Operations, Engineering, Installation, and Service departments. 15 years with ICOMM, 20 years industry experience.

Jeff Kleckner P.E. - Engineering:

Responsible for overall project specific engineering, including interfacing with the project manager and field installation force. 6 years with I.COMM, 24 years industry experience.

Eric Usitalo - Project Manager:

Front line Project Manager responsible for the coordination and implementation of the job from the time submittals are approved until a final customer sign off is obtained. 2 years with I.COMM, 15 years industry experience.

ICOMM Field A/V Technicians:

ICOMM has a range of A/V technicians qualified to install this project. They would be assigned based on the timeline and ICOMM workload. The A/V technicians working on the Providence project will be factory certified on the products being installed, and have a minimum of 10 years field experience as an A/V technician. In addition all ICOMM technicians are members of IBEW 58 or IBEW 252.

I.COMM Project References & Experience

I.COMM is pleased to provide you our company profile and project references similar to the
CITY OF NOVI project, as follows:

- I. Founded as Industrial Communication Company in 1943
- II. Headquarters: Detroit Market
- III. Branches
 - a. Grand Rapids Market
 - b. Lansing Market
 - c. Flint Market
- IV. Serving Institutional and Specialty Clients
 - a. Education
 - b. Health Care
 - c. Government
 - d. Business & Industry
- V. Engineer and Install
 - a. Sound Reinforcement Systems
 - b. Audio / Video Presentation Systems
 - c. Distance Learning Systems
 - d. Mass Notification Systems
 - e. Video Security & Access Control Systems
 - f. Nurse Call Systems
 - g. Telephony Systems
 - h. CATV & SMATV Systems
- VI. Representing Highly Respected Audio / Video Manufacturers
 - a. Extron
 - b. Crestron
 - c. Sony
 - d. Panasonic
 - e. Eiki
 - f. Biamp
 - g. JBL
 - h. InFocus
 - i. Crown
 - j. Draper
 - k. Shure

I.COMM Project References & Experience

VII. Factory Trained & Certified Technical Staff

A. Jeff Kleckner, E.E. / P.E.

Crestron Technical Institute
Extron School of Audio Visual Technologies
InfoComm Academy

B. William Broadwick, CTSi

Polycom Learning Center
InfoComm Academy Certified Technology Specialist

C. Brian Pfannes

Crestron Technical Institute

D. Ryan Donnely, CCP, CTS

Crestron Certified Programmer
AMX CERTIFIED PROGRAMMER AND INSTALLER

VIII. Higher Education Audio / Video Project References

A. **University of Michigan** – Rachel Upjohn Building
4250 Plymouth Road
Ann Arbor, Michigan 48109
Contact: Walter Meixner: 734-232-0343

1. Auditorium

- a. Polycom Video Conferencing
- b. Multimedia Presentation
- c. Panel Discussion
- d. Dual Rear-screen Video Projection
- e. Stereo Playback & Sound Reinforcement

2. Small Conference Room

- a. Multimedia Presentation
- b. Large Flat Panel Displays
- c. Panel Discussion

3. Main Conference Room

I.COMM Project References & Experience

- a. Multimedia Presentation
- b. Panel Discussion
- c. Front Video Projection
- d. Room Combining

4. Executive Conference Room

- a. High-finish Room
- b. Large Flat Panel Displays
- c. Polycom Video Conferencing
- d. Multimedia Presentation

5. Telemedicine Room

- a. Polycom Video Conferencing
- b. Dual Screen Large Flat Panel Displays

B. **Thomas M. Cooley Law School** – Grand Rapids, Lansing & Auburn Hills
217 South Capitol Avenue
Lansing, Michigan 48901
Contact: Monty Moyer: 517-371-5140

1. Typical Classroom & Moot Courtrooms

- a. Four Cameras for Video Conferencing & Recording
- b. Two 4000 Lumen Front Projectors
- c. Fixed Frame & Motorized Screens
- d. Two 42" Plasma Screens
- e. Ceiling Microphones for Student Pickup
- f. Distributed Sound Reinforcement
- g. Specialized Instructions Lectern with A/V Control
- h. Elmo Document Camera
- i. Crestron Control System

2. Audio / Video Control Room

- a. Equipment Cabinets
- b. Video Switchers & Processing
- c. Flat Display & Touch Panels
- d. Polycom 4000 Video Codec
- e. Local Monitors for Audio / Video
- f. DVD Recorders
- g. Crestron Control System

I.COMM Project References & Experience

- C. **University of Michigan Law School** -Moot Courtroom Hutchins Hall
625 S. State St.
Ann Arbor, MI 48109
Contact: Brian Genoa

1. Installation: One audio visual system for both the court room and the jury room.

Features of the installation include large sixty inch plasma screens that enable evidence to be displayed to the jury. This allows for annotation over the images presented.

The system has four cameras in the court room and two cameras in the jury room so that mock trials can be recorded in progress and streamed over the internet. Any of the cameras can be utilized for video conferencing, so that proceedings can be watched at other locations and used as a valuable distance learning tool in real time. This also gives the court room access to other court rooms via video conferencing. All video can be archived, so students can refer to the footage at a later date.

- D. Miscellaneous A/V Project References

1. Utica Community Schools
11303 Greendale Avenue
Sterling Heights, Michigan
Contact: Todd Daniels: 586-757-1000

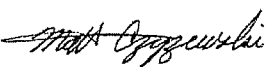


THANK YOU FOR THE OPPORTUNITY TO BE OF SERVICE TO CITY OF NOVI

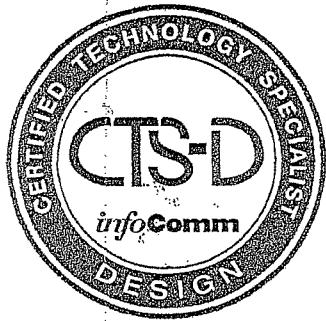
TESIRA
TRAINING CERTIFICATION

BIAMP SYSTEMS CERTIFIES THAT

JEFF KLECKNER

HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS
OF BIAMP'S TESIRA TRAINING COURSE.

CERTIFICATIONS E761	 MATT CZYZEWSKI EXECUTIVE VICE PRESIDENT OF OPERATIONS		 GRAEME HARRISON EXECUTIVE VICE PRESIDENT OF MARKETING	AUGUST 28, 2012
9300 S.W. GEMINI DRIVE BEAVERTON, OREGON 97008 USA WWW.BIAMP.COM +1.503.641.7287				



Certified Technology Specialist Design

Grzegorz Piotr Samborski

has been examined and has demonstrated competence in all technical aspects of a Certified Technology Specialist-Design, has met the requirements of the InfoComm independent Certification Committee necessary for professional competency, is in good standing in the Directory of Certified Technology Specialists, has agreed to abide by the CTS Code of Ethics and Conduct, and is therefore entitled to use the name Certified Technology Specialist-Design and the CTS®-D designation.

Effective Date

May 07, 2013

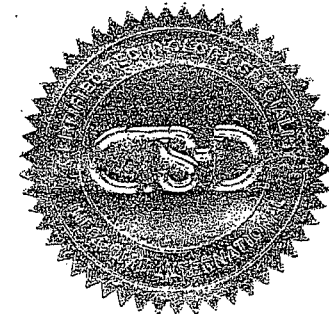
Date of Expiration

May 31, 2016

Certification Number

2326829

Doug Dillman, CTS-D, CTS-I
Chair, InfoComm independent
Certification Committee



infoComm
INTERNATIONAL®



The InfoComm Certified Technology Specialist certification is accredited by the American National Standards Institute (ANSI) under the International Standard ISO/IEC 17024 General Requirements for Bodies Operating Certification Schemes of Persons program.

infoComm



Certified Technology Specialist Installation

Greg Samborski

has been examined and has demonstrated competence in all technical aspects of a Certified Technology Specialist-Installation, has met the requirements of the InfoComm Independent Certification Committee necessary for professional competency, is in good standing in the Directory of Certified Technology Specialists, has agreed to abide by the CTS Code of Ethics and Conduct, and is therefore entitled to use the name Certified Technology Specialist-Installation and the CTS-I designation.

Effective Date
May 25, 2005
Date of Expiration
May 31, 2011
Certification Number
3099538

Spencer Bullins
Spencer Bullins, CTS
Chair, InfoComm Independent
Certification Committee



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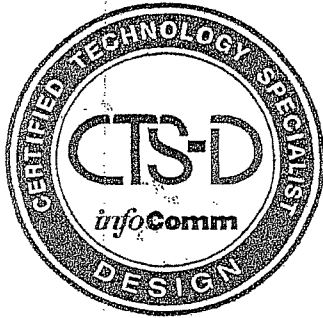
TESIRA TRAINING CERTIFICATION

BIAMP SYSTEMS CERTIFIES THAT

JEFF KLECKNER

HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS
OF BIAMP'S TESIRA TRAINING COURSE.

CERTIFICATE #701	 MATT CZYZEWSKI EXECUTIVE VICE PRESIDENT OF OPERATIONS		 GRAEME HARRISON EXECUTIVE VICE PRESIDENT OF MARKETING	2007 08 15 15:03 #030512012002
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Certified Technology Specialist Design

Grzegorz Piotr Samborski

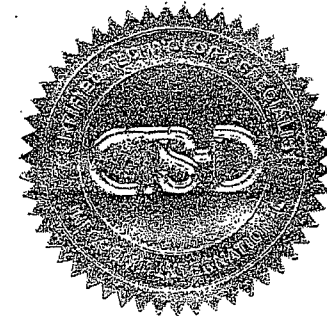
has been examined and has demonstrated competence in all technical aspects of a Certified Technology Specialist-Design, has met the requirements of the InfoComm independent Certification Committee necessary for professional competency, is in good standing in the Directory of Certified Technology Specialists, has agreed to abide by the CTS Code of Ethics and Conduct, and is therefore entitled to use the name Certified Technology Specialist-Design and the CTS®-D designation.

Effective Date
May 07, 2013

Date of Expiration
May 31, 2016

Certification Number
2326829

Doug Dillman, CTS-D, CTS-I
Chair, InfoComm independent
Certification Committee



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The InfoComm Certified Technology Specialist certification is accredited by the American National Standards Institute (ANSI) under the International Standard ISO/IEC 17024 General Requirements for Bodies Operating Certification Schemes of Persons program.

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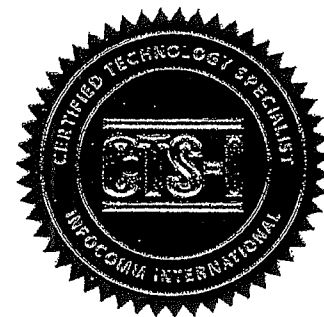
Certified Technology Specialist Installation

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Effective Date
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Date of Expiration
May 31, 2011
Certification Number
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Spencer Bullins
Spencer Bullins, CTS
Chair, InfoComm Independent
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