

INSTRUCTIONAL EQUIPMENT REQUEST

2016-2017

Internal Use

IE #: Fall 53

Total \$: 63,108.56

Requester Name: Gerry Gire, Michal Shuldman Division Name: MSEPS

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request:

nine Canon WUXGA High Definition Projectors with LCoS technology (liquid crystal over silicone) to be installed in 5 biology labs with mounts and cable accessories.

Equipment Location Building: 1800 & 1850 Room: 1810, 1851, 1854, 1855, 1858

SECTION 2: EQUIPMENT DESCRIPTION

The equipment is: A Replacement An Upgrade New Equipment/Technology
Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

Faculty and staff have worked with Steve Gunderson and the IT staff to evaluate several new projector technologies to bring high definition imaging into routine use as a companion to our camera projection within the lab rooms. The Canon LCoS was chosen as the best projector of color or black and white crisp images available to better support our recently acquired Olympus 1080i camera. This project includes the equipment plus the mounts and cables and installation. Although the existing Christie LW401 projectors will project images from the new microscope cameras, their definition is substandard to the quality of the camera and microscopes. The resulting images are muted and blurred compared to the new high definition projectors. These projectors are used to display many items to the students, but most importantly are used to identify cellular structures and shapes that are magnified up to 1000x. The additional projector added in 1851, 1854, 1855, 1858 will also address the issue of students from the far side of the room not being able to see the screen due to the flat angle of the current screen placement.

Comparisons of technical specs:

existing Christie- projects 4000 lumens, lamp life 200 hrs., native resolution 1280 x 800
proposed Canon HD- projects 6000 lumens, lamp life 3000 hrs., native resolution 1920 x 1200 HD

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

None

SECTION 3: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

LPC is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC PLANNING PRIORITIES:

- ❖ Establish regular and ongoing processes to implement best practices to meet ACCJC standards.
- ❖ Provide necessary institutional support for curriculum development and maintenance.
- ❖ Develop processes to facilitate ongoing meaningful assessment of SLOs and integrate assessment of SLOs into college processes.
- ❖ Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

Biology offers pathways and degrees for transferring majors, pre-professional students (pre-med, pre-vet, pre-optometry, pre-pharmacy), and allied health majors in nursing, dental hygiene, and others. Our biology department has developed a comprehensive department-wide SLO relating to student mastery of microscopes. These projectors will improve the teaching and learning in this area as well as improve the screen view from all sides of the classroom.

SECTION 4: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

Biology Program

If this equipment is included in your Program Review, please include the exact wording. If equipment is not included, explain why:

Our program review does not reference every piece of equipment that we need. One of our PSLOs is: Students are able to demonstrate proficiency in standard biology lab techniques and lab safety procedures. Our students clearly accomplish this PSLO; in the fall of 2015, 99% of biology students scored a three or four out of four for this PSLO. In order to maintain these high standards, we need state of the art equipment to meet the needs of the growing course offerings. " Microscope instruction requires high definition projection when the instructor describes what the student should observe.

SECTION 5: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on teaching:

With the use of these new HD projectors, the instructor will more easily be able to display the cellular detail from the existing microscope and camera to the entire class and describe what they need to observe and identify with their individual microscopes. This will allow instructors to spend more time with individuals needing extra help.

Describe in detail the impact this equipment will have on learning:

Having seen the fine detail projected for the class, the students should be able to narrow down and search on their microscopes for the items they need to know. This should focus their time more efficiently on what they need to learn. They will now be able to more clearly see the screens from any spot in the room.

Each academic year, this equipment will impact: 51 # of classes/sections 1275 # of students

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	43,648.00	Comp View SF 6643 Bill of Materials attached
Taxes (9.5%)	4,146.56	
Shipping or Delivery Charge	0.00	included
Installation Costs *	15,314.00	Comp View SF 6643 Scope of Work & System Integration attached
Miscellaneous Costs:		
Facilities Modifications	100.00	M&O Electrician time of 2 hours to modify single outlet to duplex in only 4 rooms
Operator Training	0.00	
Maintenance & Repair Training	0.00	
Other: _____	0.00	
Vendor Discount		
Grand Total:		63,208.56

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance	0.00	blowing out filter, same as currently done
Estimated Parts Replacement Per Year	0.00	\$450 lamp will be replaces every 3000 hours compared to existing lamp which costs \$450 and is replaced every 200 hours.
Outside Standardization or Calibration Costs	0.00	
Storage Costs	0.00	
New Supply Costs	0.00	
Miscellaneous Costs:		
Maintenance & Repair Labor	0.00	
Other: _____		
Annual Operating Costs:		0.00

Indicate the source of funding for on-going annual operating costs:

Lamps are replaced by IT department and will happen less frequently and cost the same as the current Christie projector lamp.

SECTION 6: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved?

Student mastery of microscopy is a fundamental student learning outcome in nearly all of our biology courses. The upgraded projectors will assist this learning by displaying to the class what the instructor describes as important for student skills.

What are the consequences related to learning outcomes if request is not funded?

With excellent microscopes and cameras already installed, we are now limited by the existing projectors which cannot display the fine detail seen with the other equipment. Without upgrading, we will continue to have cloudy, unsharp images presented by the instructor to the class. The instructor will continue to spend one-on-one time with each student to fine tune their individual microscope skills to see the better detail.

SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

7-10 years, unless technology changes

If new storage is needed, describe the storage, location, and costs: (Specific storage costs should be detailed in the "Part A: Initial Start-up Costs" section below.)

none needed

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the "Part B: On-Going Annual Operating Costs" sections below as applicable.)

same as with the existing Christie projectors, except that the Canon lamp life is much longer at 3000 hours compared to the current 200 hours. This should reduce IT staff time in changing the lamps.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

A longer lamp life will result in significant waste reduction, estimated to be 15 times less than current practice.

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: For maintenance, IT staff will be key operator. Routine use, biology instructors and staff will be key users and trained by IT.

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): On the job training. Expected 20 minutes once installed.

Indicate amount of time per month key operator will use equipment: Instructors & staff will use the equipment daily.

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: IT Tech

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: On the job training.

Indicate amount of time per month maintenance will be required: Less than 10 minutes per month.

SECTION 8: APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer-related equipment and printers must be reviewed by the LPC IT Department.

Signatures:

Guy Snie
Requester

10/17/16
Date

Staff
IT Department (if required)

10/25/16
Date

Nan Ho
Dean/Manager

10-18-16
Date

Ronnie
Vice President

10/26/16
Date



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Registered and Bonded		California C-7	#778555
Oregon LTD Energy	#34-514CLE	Utah Business	#20050108
Oregon CCB	#134110	Idaho Electrical	#32414
Minnesota Business	#102248	Idaho Contractor	#16075
Minnesota Contractor	TS02057	Montana Contractor	#152978
Washington Electrical	#COMPVVI961CD	Nevada Contractor	#71540
Washington Contractor	#COMPVI*015DT	Wyoming Contractor	#LV-G-19651

Project Number: SF6643
 Account Executive: Don Isbell
 Date: 10/14/2016

Bill of Materials A: Chabot-Las Positas Community College District

Project Title: Science Projector Replacement
 Title of System: Classroom Upgrades
Client Information
 Name: Steve Gunderson
 Company: Chabot-Las Positas Community College District
 Address:
 Address:
 City/State/Zip: Livermore CA 94551

Item	Qty Total	Qty per Room	Manufacturer	Model #	Description	Price Each	Price Total
1.00						\$ -	\$ -
2.00						\$ -	\$ -
3.00						\$ -	\$ -
4.00	9	9	Canon	WUX6010 RS-IL01ST	WUXGA, 6000 lumen w/Standard Lens Kit	\$ 3,675.00	\$ 33,075.00
5.00	9	9	Chief	RPMA1W	RPA Elite Projector Security Mount (Lock A) -	\$ 162.00	\$ 1,458.00
6.00	9	9	Chief	CMA440S	Above Tile Suspended Ceiling Kit	\$ 89.00	\$ 801.00
7.00	9	9	Chief	CMS003W	3" Fixed Extension Column - White	\$ 8.00	\$ 72.00
8.00	4	4	Extron	60-1480-01	4K HDMI 2 - Output Distribution Amp	\$ 418.00	\$ 1,672.00
9.00	4	4	Extron	60-506-21	P/2 DA2xi MT VGA and Audio DA	\$ 367.00	\$ 1,468.00
10.00	4	4	SP Controls	PX2-PUC-232/IR	NRC Control Puck (1 RS232 and 1 IR)	\$ 149.00	\$ 596.00
11.00	4	4	Liberty	P-HDM-M-10	33' Plenum Rated HDMI Cable	\$ 131.00	\$ 524.00
12.00	4	4	Liberty	P-HDM-M-03	10' Plenum Rated HDMI Cable	\$ 105.00	\$ 420.00
13.00	4	4	Liberty	G-VGAMAM-M-35	35' VGA and 3.5 Audio Plenum Cable	\$ 179.00	\$ 716.00
14.00	4	4	Liberty	G-VGAMAM-M-10	10' VGA and 3.5 Audio Plenum Cable	\$ 141.00	\$ 564.00
15.00	4	4	Liberty	G-VGAM-F-35	35' Plenum Rated D-SUB D89 M - F Extension	\$ 200.00	\$ 800.00
16.00	4	4	Premier	GB-AVSTOR4	Plenum Rated False Ceiling Equipment Storage	\$ 296.00	\$ 1,184.00
17.00						\$ -	\$ -
201.00			CVI	CVI	Cabling, Connectors and Installation Materials	\$ 298.00	\$ 298.00

SUMMARY	EACH	TOTAL
Equipment	\$ 43,350.00	
Parts & Materials	\$ 298.00	
EQUIPMENT TOTAL		\$ 43,648.00
INTEGRATION SERVICES TOTAL		\$ 15,314.00
SYSTEM SUB-TOTAL W/O TAX		\$ 58,962.00
SALES TAX @ 9.50%		\$ 4,146.56
SYSTEM TOTAL	\$ -	\$ 63,108.56

rev. 1



Northern California Office

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Oregon CCB #134110
Washington COMPVI*015DT
California C-7 #778555
Minnesota License # CC01101

Project Name: **Las Positas Science**
Project Number: **SF6680**
Account Executive: **Don Isbell**
Submittal Date: **October 17, 2016**

Scope of Work (Attachment "A")

Projector Replacement

Introduction to CompView

CompView Professional Audio Visual is a design build contracting and consulting firm with offices located in San Francisco, San Diego, Los Angeles, Seattle, Portland, Salt Lake City and Minneapolis. Our primary focus is design build audio visual integration encompassing each discipline from start to finish: Assessment; Engineering; Project Management; Installation; Commissioning; and Service. CompView offers a full line of audio visual products including AMX/Crestron control systems, video and audio conferencing units, rear and front projection systems, plasma and LCD displays, interactive whiteboards, video walls, audio systems, and other high-end equipment and solutions to meet your audio visual applications. We welcome you to visit our website for additional information and case studies illustrating our commitment to exceeding your expectations. ~
http://www.compview.com/av_systems/portfolio.html

Scope of Work

Following is a scope of work that includes the project features and design requirements as stipulated in our communications and site walk. It is the client's responsibility, or their authorized representative, to review the following information for accuracy and make any necessary changes prior to signing the document. [(OFE) is Owner Furnished Equipment.]

Summary of Project

On site meeting took place on Monday October 17th with Sherman Lindsey (Las Positas) and George Emerson (Compview) to evaluate the existing room's projector placement. ~~Nine~~ ¹⁸⁵⁸ projectors in total are required, that include two in Lab Rooms 1855, Lab Room 1859, Lab Room 1854, Lab Room 1851 and one additional projector to be replaced in an additional room.

10/17/16
G.Gire

Project Breakdown

Compview will provide Canon, 6000 lumen, WUXGA projectors to be mounted and focused on the existing screens. One will replace the existing Christie projector in each room and the second projector will be mounted and focused on the existing (previously not used) secondary screen. New Chief ceiling mounts will be provided for the use with the Canon projectors.

1810 10/17/16
G.Gire

Primary projectors will be connected to the existing video feed coming from the Spectrum Industries Cart. Secondary projectors will get their feed from the primary projector, where the HDMI and VGA feed will be split and distribution amplifiers will be provided for both analog (15 pin) and digital (HDMI) to feed both projectors. Adjustments will be made to the existing SP control system for the new Canon projector. An SP Controls puck will be provided and installed to control the secondary projector via RS232. Secondary Projector control will be limited to On/Off on the button panel.

Distribution Amplifiers will be mounted in a plenum rated ceiling box to provide a clean, organized room environment and easy access to the DA's. Panel replaces half of a standard 2 x 2 ft. false ceiling tile.

Existing projectors will be de-installed and turned back over to the customer.

WORK BY LAS POSITAS COLLEGE

- Electrical
 - Installation of electrical service for secondary projectors.

COMPLETION & EXECUTION OF ORDER

- Quote valid for 30 days from above date
- Both this Scope of Work and Proposal for System Integration must be reviewed by Client and signed prior to executing work order
- **Typical Delivery: 4-6 weeks after receipt of order; subject to availability of materials and workforce**

Professional Services

CompView Professional Audio Visual provides a turnkey system that includes Sales Consultation, Design, Engineering, Programming, Project Management, System Builds, Certified Installation and Commissioning, Training, and Service. We have long standing partnerships with all of the major professional audio and video manufacturers that include advanced and on-going training and certification. We look forward to supporting your needs and appreciate your business.

***Limitations and Exclusions**

1. CompView shall install all equipment in accordance with the manufacturer's specifications, national and local regulation ordinances and codes, including all OSHA guidelines. All work shall be performed during the normal working hours of Monday-Friday, between 8:00am-5:00pm PST, except for recognized holidays, unless specifically stated elsewhere and premium rates may apply.
2. Client shall be responsible for dedicated electrical A/C power and conduits (as required) to all specified locations. All A/V conduits shall be dedicated for CompView wiring and of adequate size.
3. Client shall be responsible for all LAN and CCTV cable and connections.
4. Client shall be responsible for modifications to ceilings, walls, finish work and custom paint finishes (if required).
5. CompView is not responsible for structural, mechanical, or electrical obstructions, distortions, or other related encumbrances to the A/V system, this would include HVAC vibration.
6. Client and Comp View shall agree upon project schedule. Client shall provide access to facility, furniture and Owner Furnished Equipment (O.F.E.) in accordance with that schedule.
7. CompView removes itself from all functional and cosmetic liability in relationship to the condition of all Owner Furnished Equipment (OFE) both prior to and there after this scope of work is completed.
8. Unless otherwise specified in this document, customer shall supply all computer equipment including but not limited to: desktop computers, laptops, and network hardware.
9. Equipment and labor prices are estimated based on the project detailed in this signed document. Any changes or additions to the project shall affect the cost.
10. Sheet rock studded interior walls with no insulation, fire blocking or obstructions to wire installation.
11. Suspended, T-bar acoustic tile ceiling, non insulated, no obstructions above or below ceiling, ceiling no more than 10' above floor, structure no more than 4' above ceiling.
12. Floor coring or installation of raceways not included.
13. Equipment can not be wired into furniture that is not adjacent to interior walls, without additional provisions.
14. Unobstructed accesses to facility and work areas during normal business hours.
15. Electrical outlets within reach of equipment supplied power cords.
16. Facility located within 30 mile radius of CVI office.
17. Client shall be responsible for all computer networking, telephony, satellite, and television distribution cable and connections.

*Variations to the above conditions will not necessarily prohibit installation of this system, but would affect the price of installation. These variations in price would need to be considered on an individual basis, and would be determined prior to quotation. The aforementioned scope of work includes the project features and design requirements as stipulated in this attachment, the site assessments, and the final proposal. It is the client's responsibility, or their authorized representative, to review the following information for accuracy and make any necessary changes prior to signing this document.

Client Authorization

I, _____, acting as a representative of (Name of Company), agree that the information contained in this scope of work is accurate, and represents intent and detail for, goods and/or services provided as referenced to this document.

Client Representative

Comp View Representative

Date

Date



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		Wyoming Contractor	#LV-G-19651

Project Number: SF6643
Account Executive: Don Isbell
Date: 10/14/2016
Proposal Revision #:

Proposal for System Integration Chabot-Las Positas Community College District; Science Projector Replacement

CompView proposes to provide audio/video system integration sales and/or service as defined in the attached documentation for

Project Total \$ 58,962.00

Sales Tax \$ 4,146.56

Total Proposal \$ 63,108.56

Please refer to the project number and proposal number on all communications.

Terms of Payment

50% down to order equipment and schedule installation,
 Progress billings thereafter, net 30 days
 100% billing at sign-off, due upon receipt

Requested Project Completion Date

TBD

1. Projected completion date is subject to availability of materials and workforce.
2. Material order and workforce allocation is subject to terms of payment as shown below.
3. Any changes or additions to the project may affect the completion date.

Important Limitations and Exclusions

1. Client shall be responsible for dedicated electrical A/C power and conduits (as required) to all specified locations. All A/V conduits shall be dedicated for CompView wiring and of adequate size. Detailed specifications can be provided by CompView.
2. Client shall be responsible for installation of all LAN and CCTV cable and connections..
3. This proposal shall remain valid for 30 days from date issued.
4. Client shall provide electrical infrastructure, work surfaces, millwork, openings, structural requirements, custom finishes or painting for the proper installation and operation of the equipment, and ensure compliance with the installation and use of electrical circuits. Delays resulting in overtime or unusual costs may result in additional charges. All equipment shall be installed with stock factory finish.
5. Unless otherwise specified in this document, customer shall supply all computer equipment. Including but not limited to: desktop computers, laptops, network hardware, routing and wiring.
6. CompView personnel shall have full access to the installation site on the agreed upon dates and times. One half days labor will be charged to the client for each technician unable to work due to an inaccessible installation site, or site conditions which prevent the performance of this agreement. Additionally, any project timeframes previously agreed to become null and void. Any schedule changes must be requested in writing 48 hours prior to installation to avoid charges.
7. Owner Furnished Equipment (OFE): When equipment for the project being proposed herein is being supplied by anyone other than CVI the following must be understood.
 - A. If equipment needs to be repaired or refurbished it will be paid for by the client as a change order to this proposal. This can impact schedule and project cost to the client.
 - B. The equipment and its exact make and model being supplied needs to be listed as OFE on the line item equipment list attached with this proposal to be considered an approved item for this project.
 - C. Only equipment approved in writing by our engineering staff will be accepted. If equipment not approved by engineering is provided to us for installation it is almost assured there will be integration issues that may or may not be able to be resolved by a change order to this proposal.
 - D. Use of non-approved equipment in integrated AV projects always adds time to the schedule, increased labor costs and negatively impacts the systems operations and usability.

Scope of Project

Reference the attached Scope of Work (Attachment "A")

CompView, Inc. Statement of Performance

This statement of performance is intended to provide you with our working standards and expectations while planning and installing your presentation system. Please feel free to request references from other projects to validate the performance standards we have set forth in this statement.

Integration of System

- 1) Installation
 - i) CompView shall install all equipment in accordance with the manufacturers' specifications, national and local regulation ordinances and codes, including all OSHA guidelines. Unless specifically stated, all work shall be performed during the normal working hours of Monday through Friday, between 8:00AM and 5:00PM, except for recognized holidays.
 - ii) All equipment, with the exception of equipment intended for portable use, shall be affixed permanently into place. Equipment racks and cabinets shall be square and plumb. Fasteners and supports shall be carefully selected to match the structural and weight requirements of the equipment to be installed and that of the mounting structure.

- iii) CompView shall take all possible precautions to prevent hum or distortions created by ground differential, electromagnetic or electrostatic fields; and to supply adequate ventilation to all equipment as specified by the manufacturer. All equipment shall be installed with provisions for the safety of the operator, with all controls accessible as specified under ADA guidelines. CompView shall notify you of any hum or distortions beyond CompView control caused by interference with the building structure, electrical or existing equipment and advise you of their alternatives to alleviate the problem. CompView shall advise you of any unsatisfactory operating condition due to temperature, humidity, ventilation, mechanical structure or other safety concern beyond CompView control and advise you of alternatives to alleviate the condition.
- iv) All wiring and conduit shall be in strict conformity with good engineering practice as established by the International Communications Industries Association and the low voltage section of national and local electrical codes. Extreme care shall be taken in wiring as not to exceed the bend radius, tensile strength or any other condition, which may result in damage to the cable or equipment. All joints and connections shall be made with rosin core solder, crimp, or other approved mechanical connectors.
- v) All connections and cable ends shall be identified with labels or tags and nomenclature as established by the International Communications Industries Association. All labels and tags shall be permanently affixed and correspond to labels on the provided as-built drawings.
- vi) CompView lists all equipment to be installed as part of the contract. Unless specifically stated, CompView shall not install equipment other than that shown in the contract. If you have other equipment requiring installation, please contact us for consultation.
- vii) Client shall provide electrical infrastructure, work surfaces, millwork, openings, structural requirements, custom finishes or painting for the proper installation and operation of the equipment, and ensure compliance with the installation and use of electrical circuits. Delays resulting in overtime or unusual costs may result in additional charges. All equipment shall be installed with stock factory finish.
- viii) Unless specifically stated, CompView shall receive free access and vehicle parking, to the installation site and suitable secure space for the storage of equipment before installation. CompView cannot assume responsibility for the condition or adequacy of the facility in which the system is to be stored, installed or operated.
- ix) Upon arrival for installation, CompView shall receive immediate access to the system and equipment. To avoid additional charges, please contact your project manager if delays in access are expected.

2) Workmanship and Staffing

- i) All CompView workmanship shall be neat and detail oriented during and upon completion of the system integration. So that consistency may be maintained, CompView asks that you provide replacement ceiling tiles as required due to changes in the ceiling layout resulting from the installation or removal of equipment.
- ii) All CompView staff and contractors shall conduct themselves in a professional, courteous manner, maintaining a clean-cut appearance and acceptable dress. All CompView staff are expected to check in and out with client or an assigned contact at the beginning and end of the workday.
- iii) CompView staff shall maintain a clean and safe work environment. All unused materials, containers, tools and equipment shall be removed whenever possible. CompView shall take precautions to protect all floors, walls, windows and other surfaces from stains, marring or other damage.
- iv) CompView shall assign sufficient staff to the project to meet scheduling requirements.

3) Project Coordination

- i) During the system integration, all communication relative to the project should be directed to your project manager.
- ii) CompView shall coordinate and cooperate with other trades to ensure satisfactory work progress. CompView shall notify you if other contractors or other delays impede our work so that additional charges may be avoided. All equipment stored in the care of CompView or in your facility must be paid for in full as agreed upon during the purchase negotiations.
- iii) CompView may make minor moves or changes necessary to accommodate other equipment or to preserve symmetry and a pleasing appearance without additional claims for payment. The project manager shall provide you with change order documents for work deviating from provided preliminary drawings approved during the purchase negotiations in equipment, location or layout.
- iv) Where the system defined in this contract interfaces with lighting controls, motors, relays, screen controls, telephone systems, networks or other electrical or mechanical systems, CompView shall provide labeled terminal connections or other easily identifiable connection points, to which interfacing connections may be made by other contractors.
- v) CompView cannot be responsible for the operation, performance or warranty of equipment outside this contract. CompView does not warrant that equipment supplied by others can be connected or shall function properly except as specified by the project documentation.

Testing and Adjustments

- vi) Initial Tests and Adjustments
- vii) CompView shall configure all necessary equipment and perform tests in accordance to the guidelines established by the manufacturer and the International Communications Industries Association. CompView shall adjust or modify the systems as necessary to provide system performance conforming to the specifications at no additional cost.
- viii) Performance Tests
- ix) You may review the installed system upon integration completion. CompView shall demonstrate the performance of each feature and capability of the system. Please feel free to furnish testing materials and criteria for use during the demonstration.
- x) You may request testing of any individual system component or subsystem, the screening of testing materials or criteria, or other reasonable tests to demonstrate the system performance.
- xi) If the need for additional adjustments becomes evident during the demonstration and testing, CompView shall adjust the systems to comply with these specifications at no additional cost, and resume testing.
- xii) If deficiencies or need for changes are revealed during the demonstration and testing, the project manager shall prepare a punch list. CompView shall rectify the noted deficiencies at no additional cost and make the requested changes promptly upon completion of the demonstration. If you request changes, please keep in mind that these may necessitate a change order, and may extend beyond acceptance of this contract.
- xiii) Acceptance
- xiv) Upon completion of the demonstration, the satisfactory resolution of all adjustments and deficiencies and the delivery of all items ordered, CompView shall deliver a Notice of Completion to the Client. The Client may dispute the Notice of Completion, within 10 working days, by providing to CompView a written description of why they feel the project is not complete. Notwithstanding dispute, CompView shall invoice the Client for final payment 10 working days after delivery of the Notice of Completion.
- xv) CompView shall extend a 90-day system warranty from the date of your acceptance of the system, unless superseded by an extended warranty, service contract or preventative maintenance contract.
- xvi) Unless specifically stated, CompView cannot guarantee functionality of the system, any subsystem or component prior to your acceptance.

Documentation

- 1) Data Files, Handbooks and Drawings
 - i) CompView shall provide, in electronic media, all equipment operation instructions, warranty documents, etc. If purchased, "B" size drawings shall be provided for system schematics and wiring diagrams.
 - ii) CompView shall provide a secure storage container containing all setup remote controls and copies of programming diskettes, as applicable.
 - iii) One copy of this documentation shall be provided, unless specified prior in this contract.
- 2) Service Manuals
 - i) Service manuals may be purchased from CompView at an additional charge for any equipment included in the system, if available from the manufacturer.

Training

- a) CompView shall provide one operation training session of up to two hours at no additional cost, to include hands-on operation and basic maintenance. In addition, all presenters are encouraged to attend the operation training session.
- b) Additional in-depth training on system setup, troubleshooting, signals flow and presentation techniques are available from CompView at an additional charge.

Warranty

- a) CompView will extend a 1 year Workmanship Warranty on all its installation projects from the date of client acceptance. This extends to our installation techniques, our cabling, connectors, structural elements, mountings, equipment rack wiring, internal adjustments, etc. This does not include equipment not manufactured by CompView. If we are called out for a workmanship issue after the 90 day system warranty period and there is no service contract in place we will repair or replace any faulty workmanship on our installations. If it is deemed that the call is not a workmanship issue but an equipment failure, user error, tampering with external adjustments, and wiring or anything else not directly related to our workmanship the client will be billed at our current labor and material rates.
- b) All new equipment provided by CompView includes each manufacturer's full warranty from the date of customer invoice. CompView shall address all warranty requirements as depot service only. Depot service is the customer shipping the unit to an authorized factory warranty repair center. Involvement by CompView personnel on-site will be covered under the included 90 day Extended System Warranty or an Annual Service Contract otherwise will be billed at our current Time and Materials rates.
- c) CompView shall extend a 90-day system warranty from the date of your acceptance of the system, unless superseded by a CompView Service contract extending this period to 1, 2 or 3 years.
- d) CompView warrants the system to be free of defects in materials and workmanship and fit for the intended purpose. This warranty does not cover equipment or system abuse, lamps and bulbs, misuse including but not limited to: operating outside of environmental, electrical, temperature or humidity specifications, system alterations neither approved nor performed by CompView or repair by a service facility other than those authorized by the manufacturer.
- e) CompView shall respond (via telephone, email or on-site) during the normal working hours of Monday through Friday, between 8:00AM and 5:00PM, except for recognized holidays. Service required outside of normal working hours shall be billed at the normal hourly rates for overtime work.

- f) Upon arrival for warranty service, CompView is expecting access to the system and equipment. To avoid additional charges, please contact us 24 hours in advance if delays in access are to be expected. If our technician arrive to a scheduled appointment and cannot gain access to the system or equipment to affect a proper diagnosis or repair we will bill the service call at our standard time and material rates.
- g) If it is required that equipment be removed for repair we will make every attempt to minimize the impact on the system operation while the unit is being repaired. However, it is not possible to guaranty any level of system operation. Loaner equipment is not included in our standard warranties.

Additional Performance Details

1) Additional Costs, Payment and Rights of Ownership

- i) Unless specifically stated in the terms of the purchase agreement, all shipping charges shall be billed FOB point of shipment to the locations stipulated, and client shall also be responsible for the payment of all excise sales, occupation, or any similar taxes applicable to the equipment, its sale or use, even though not expressly set forth in the quotation. Upon delivery of all or any equipment included in this contract, title and risk of loss to the delivered equipment shall be passed to client. CompView shall retain a security interest in the equipment until all payments due have been made in full. Further, on delinquent accounts, CompView may divert shipments or reschedule deliveries on unfulfilled orders, and storage fees may be incurred at a billable rate of 1% of value per month.

2) Shipping and Delivery

- i) Shipping dates represent the best estimate of CompView. If manufacture, delivery or installation is delayed, in whole or in part by forces beyond the control of CompView, time for performance shall be extended by the duration of the delaying cause. CompView cannot be held responsible for any delay in shipment or delivery caused by or due to war, strike, fire, flood, shipping damage, acts of civil or military authority or any other cause, accidental or otherwise over which CompView has no control.

3) Deferred Delivery

- i) You may ask for a delay of shipment or installation of equipment that has already been ordered or manufactured. CompView shall, upon receipt, place the equipment in storage at a billable rate of 1% of its value per month. You shall be invoiced for the equipment according to the terms of payment in the purchase agreement.
- ii) You may also ask for a delay of shipment or installation of equipment that has not yet been ordered or manufactured. Please keep in mind that equipment costs may increase, as based upon the manufacturers' list price increase occurring after the date upon which the equipment would have been ordered by CompView. We also ask to be released from any delivery estimate or completion deadline due to these circumstances.

4) Consequential and other Loss or Damage

- i) CompView cannot be liable, by reason of any breach of contract or warranty, for the consequential or special damages, economic loss or damages resulting from loss of use of the equipment. This provision is not intended to preclude you from joining CompView in any action or claim brought against you by a third party in which the action or claim alleges personal injury to the third party by reason of negligence or willful misconduct by CompView.

5) Returns

- i) Goods returned to CompView require a return authorization number. Goods being returned for other than reasons of warranty or defect must be original undamaged and untarnished condition and must include all original packaging and documentation. Restocking fees may apply to the items being returned. Please consult us for specifics.



6) Publicity

- i) CompView may request to photograph your presentation system and request to publicize its' relationship with and work for you to promote CompView business to other individual customers. Your acceptance of our request is at your sole discretion.
- ii) CompView may also ask if we can use you to provide individual references for the promotion of CompView business. Your acceptance of this request is also at your sole discretion.
- iii) CompView shall submit to you for approval any press releases or other publicly distributed documentation for newspaper, magazine, trade journal, television, radio or other means of public advertising which may include photographs of your system or acknowledgment of the relationship with and work for you.

Thank you for the opportunity to serve you. Please feel free to contact your systems salesperson with any questions or comments about our statement of performance.

Client Authorization

Approved

I, _____, agree to the terms set forth in this contract.

	Don Isbell
Client Name	CompView Representative
Date	Date



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